City of Poughkeepsie
Planning Board
Meeting Agenda

Common Council Chambers
Wednesday, January 18, 2023
6:00 PM

I. CALL TO ORDER

II. APPROVAL OF MEETING MINUTES

1. Approval of December 20, 2022 meeting minutes

III. PUBLIC HEARINGS FOR SUBDIVISION/SPECIAL PERMIT/SIGN PERMIT

1. 135 MAIN STREET: MULTIFAMILY RESIDENTIAL SUBDIVISION Applications for Site Plan Review and Subdivision for subdivision of the property at 135 Main Street into two lots of record and construction of a new building containing 72 dwelling units on the new lot with the original lot containing an existing multiple dwelling with 119 units, including reconfiguration of off-street parking and open space. Owner: Omni New York; Applicant: Tinkleman Architecture; Consultant: Ken Casamento/LRC Group; Grid #6062-76-911183; Zoning District: Urban Density Residence (R-6) District; File #2021-037 and 2021-038

2. 110 SOUTH GRAND AVENUE: DAY CARE Application for site plan review for a special permit relative to a two (2) room day care located within the building at 110 South Grand Avenue. Owner: Faith Apostolic Ministries, Inc. Applicant: Tanisha Clarke, Faith Apostolic Ministries, Administrator; Consultant: Michael R. Berta, AIA Architecture & Planning; Grid #6161-49-620556; Zoning District: R-2 Medium-Low Density Residence; File # PB2022-042

3. 75 N WATER STREET: MID-HUDSON DISCOVERY MUSEUM SIGN

Review regarding freestanding monument sign with message board. Owner/Applicant: Mid-Hudson Discovery Museum; Consultant: GNS Sign Group; Grid #6062-66-738231; Zoning District: Waterfront District (W); File #PB2022-040

IV. SITE PLANS

1. **20-72 VASSAR FARM LANE: ACCESSORY PARKING LOT** Application for site plan review relative to the proposed construction of a 40 space parking lot. Owner/Applicant: Vassar College; Consultant: LRC Engineering & Surveying, DPC; Grid #6161-02-900650; Zoning District: Research and Development (R-D) Light Industrial (I-1) District; File #PB2022-049

2. **SOUTH AVENUE LOT #937583: MULTIFAMILY RESIDENTIAL BUILDING**
   REVIEW POSTPONED TO FEBRUARY AT APPLICANT'S REQUEST

3. **45 READE PLACE: SITE PLAN AMENDMENT** Application for site plan amendment relative to the wayfinding signage on the Vassar Brothers Hospital campus 45 Reade Place and 1 Columbia Street; Owner: Vassar Brothers Hospital; Applicant: Michael Zolnik; Consultant: Tracey Diehl, Expedite the Diehl; Grid #6061-43-843721 and #6061-35-84-11783; Hospital-Medical (H-M) District; File# 2022-053

4. **117 NORTH HAMILTON STREET**
   REVIEW POSTPONED TO FEBRUARY AT APPLICANT'S REQUEST

THE CITY OF POUGHKEEPSIE

62 CIVIC CENTER PLAZA, 2ND FLOOR
Phone: (845) 451-4263 Fax: (845) 451-4006

PLANNING BOARD DRAFT MINUTES
DECEMBER 20, 2022 AT 6:00PM

Attendance:
Robert Levine, Esq.
Anne Saylor
Paul Ackerman
Robert Mallory
Nick DeLuccia
Marjorie Smith
Sean O'Donnell
Rosaura Andújar-McNeil
Brian Veltre (alternate)

Excused:

Staff:
Natalie Quinn, Development Director for the City of Poughkeepsie
Chris Kroner, Architectural Consultant, Mass Design Group
Lori Garcia, Board Administrative Assistant

I. CALL TO ORDER 6:07 pm

Robert Levine, Esq. spoke briefly to announce he is taking leave of the board, appointing Anne Saylor as new board chair. He also introduced a new board member, Paul Ackerman.

II. APPROVAL OF MEETING MINUTES

Approval of October 18 Meeting Minutes
Motion: Marjorie Smith
Second: Nick DeLuccia
Carried: 7:0:0

Approval of November 15 Meeting Minutes
Motion: Marjorie Smith
Second: Sean O'Donnell
Carried: 4:0:3 (Rosaura Andújar-McNeil, Brian Veltre, Paul Ackerman)

III. PUBLIC HEARINGS

1) 135 MAIN STREET: MULTIFAMILY RESIDENTIAL SUBDIVISION

Applications for Site Plan Review and Subdivision for subdivision of the property at 135 Main Street into two lots of record and construction of a new building containing 72 dwelling units on the new lot with the original lot containing an existing multiple dwelling with 119 units, including reconfiguration of off-street parking and open space. Owner: Omni New York; Applicant: Tinkleman Architecture; Consultant: Ken Casamento/LRC Group; Grid #6062-76-911183; Zoning District: Urban Density Residence (R-6) District; File #2021-037 and 2021-038

Presenting: Ken Casamento from LRC
Stephen Tinkleman, Tinkleman Architects
Mary Linge, Hudson River Housing
Robert Turner, Tinkleman Architects

Ken Casamento explained that the application was going before the Zoning Board of Appeals Thursday December 22nd where he anticipates approval for the variances requested will be approved. Some changes have been made to the landscaping plan since the application was before the planning board last and based on conversations with the fire department. A brief summary of the project was given to benefit the new board member and public as well as to refresh the existing board. He restated some of the variances requested from the Zoning Board were regarding parking, open space

They are proposing to move the community gardens to the eastern end on the property behind the parking area. The area is about 12-15 feet with raised planters and enough space to be able to put a chair next to them and enough area to allow for snow to go in front of them without affecting the planters.

Steven Tinkleman explained some of the history behind designing the building, how and why it had changed, some of the reasoning behind masonry and coloring using a mix of bricks and metal paneling. The port-cochere now can handle two cars.

There was continued discussion regarding the project. Some of the points that were brought up are:

- The amount of open space, its activation and programming to engage the residents. It was recommended to poll the residents of Admiral Halsey I regarding how they would like the open space to be used.
- The engagement of residents between the two properties.
- The location of the community planters both for access and sunlight Does not seem practical
- Accessibility for the elderly. It is close to the local bus route on the eastern intersection at Bridge Street.
- The location of the driveway in the front of the building. It may cause conflicts with pedestrians.
- Rooftop space and the mechanicals. A better rendering of that space will be submitted showing screening, the facade and open terrace space.
- Concern that the buildings will remain for senior living even if ESSHI is not renewed. It will remain that way because it is zoned for senior living. It must be brought before the board again if the use is changed.
- The windows on the corners have nice sill work but are simpler in the mean mass of the building giving it more of an institutional look.
- Material samples were requested.

Motion to open the public hearing
Motion: Marjorie Smith
Second: Sean O' Donnell
Carried: 7:0:0

- Laurie Sandow of South Grand Avenue - concerned with the disruption for the current residents that will be caused by the construction, points out that more benches are needed in the courtyard and the current residents at Admiral Halsey I should be surveyed.
- Filomena Fanelli of the Dutchess Chamber of Commerce read a letter of support on behalf of Frank M. Castella, Jr., President and CEO and the board of directors of the Dutchess County Regional Chamber of Commerce.
- Letters from Tim McQueen of McQueen and Associates, and from Bishop Deborah Gause, who is the senior pastor at the Holy Lake Pentecostal Church on South Clover Street in support of the project were also received by the board.

Motion to adjourn the public hearing to January 18, 2023
Motion: Marjorie Smith
Second: Sean O' Donnell
Carried: 7:0:0

IV. SITE PLANS/SPECIAL PERMITS/SUBDIVISIONS

1) **20-72 VASSAR FARM LANE: ACCESSORY PARKING LOT**
Application for site plan review relative to the proposed construction of a 40 space parking lot. Owner/Applicant: Vassar College; Consultant: LRC Engineering & Surveying, DPC; Grid #6161-02-900650; Zoning District: Research and Development (R-D) Light Industrial (I-1) District; File #PB2022-049

Presenting: Ken Casamento, LRC Engineering & Surveying
Marianne Begemann, Dean of Strategic Planning & Academic Resources, Vassar College

Ken Casamento summarized the project again and there was discussion pertaining to:

- There should be a better connection between the new lot and pedestrian path and the internal preserve.
- The pedestrian path should be a more direct route to help prevent people from walking on the road.
- There is security present since Vassar security does patrol preserve.
- The County letter had recommended a fence to help limit traffic to the interior preserve but Vassar felt it sent the wrong message.
- County had also recommended that trees be planted along the northern border as a screen but the board disagrees.

Motion to adjourn until January 18, 2023
Motion: Marjorie Smith
Second: Sean O'Donnell
Carried:7:0:0

THE CITY OF POUGHKEEPSIE

62 CIVIC CENTER PLAZA, 2ND FLOOR
Phone: (845) 451-4263 Fax: (845) 451-4006

PLANNING BOARD DRAFT MINUTES
DECEMBER 20, 2022 AT 6:00PM

2) **110 SOUTH GRAND AVENUE: DAY CARE**
Application for site plan review for a special permit relative to a two (2) room day care located within the building at 110 South Grand Avenue. Owner: Faith Apostolic Ministries, Inc. Applicant: Tanisha Clarke, Faith Apostolic Ministries, Administrator; Consultant: Michael R. Berta, AIA Architecture & Planning; Grid #6161-49-620556; Zoning District: R-2 Medium-Low Density Residence; File # PB2022-042

Presenting: Tanisha Clarke, Applicant
Michael Berta, Berta Architecture, Architectural Planning.

Michael Burton explained that they are expanding the daycare to include an additional two rooms.

- All the work to be done would be interior.
- It is part of a larger project slated to start in February.
- This part of the project needs to be proposed now because NYS is requiring approval before they issue permits.
- There are now enough parking spaces available for the proposed use.
- There is a fenced-in playground area that is large enough for the proposed use.

Anne Saylor and other board members questioned if there was a daycare on premises already. Both Tanisha and Michael confirmed that there was not. The other rooms cannot be used as they do not have egress.

The board went through some of the requirements for a special permit for a daycare

- Licenses - the code requires the day care have a license from NYS before approval is given
  - NYS requires local approval before a license is issued. Natalie Quinn stated that receiving the license can be added as a condition of approval that the license must be received to get a Certificate of Occupancy.
- Open Space - minimum of 75 square feet for each child enrolled
  - The applicant asserts that they have about 5,000 square feet. Michael confirmed that it is about 80'x100'
  - Rosaura Andújar-McNeil pointed out that there is no pathway connecting it to the building. Michael stated that the playground will be moved as part of the larger project but that currently there is an access road that gets over to the utility space for deliveries between the building and the and the fenced in area. The board requested that clearer measurements, the path to the outdoor area, etc. be added to the site plan.
- No permanently installed play equipment is permitted in the front or side yard.
  - There was some discussion regarding what is considered the front yard for the property. "Front" of a property is defined as street facing, therefore 110 S Grand has two front yards.

Rosaura Andújar-McNeil requested that a set encompassing the full scope of the intended larger project be submitted so that the board can look at the project as a whole instead of segments. It is understood that not everything is certain yet.

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PLANNING BOARD DRAFT MINUTES
DECEMBER 20, 2022 AT 6:00PM

The board made a motion to set a public hearing for January 18. 2023
Motion: Marjorie Smith
Second: Nick Deluccia
Carried: 7:0:0

The board authorized the circulation of the application for review and comment by internal departments and Dutchess County Planning
Motion: Marjorie Smith
Second: Nick Deluccia
Carried: 7:0:0

3) **SOUTH AVENUE LOT #937583: MULTIFAMILY RESIDENTIAL BUILDING**
Application for Site Plan Review for property at South Avenue lot of record #6061-52-937583 for construction of 87-unit, 5-story mid-rise multifamily residential development with 60 underground and 84 surface-level parking spaces. Owner: South Avenue Real Estate Associates LLC; Applicant: Michael Abuladez, CEO, Argo Development; Consultant: Christopher Lapine, P.E., LEED AP, LaBella Associates; Grid #6061-52-937583; Zoning District: R-D Research and Development District; File #2022-055

Presenting:
Christopher LePine, LaBella Associate
Michael Abuladez, Argo Development, Applicant
Michael McCormick, Liscum, McCormack, VanVoorhis Architects

Michael Abuladez introduced Argo Development.

Christopher Lapine provided a brief description of the external scope of the project.

- The Fire Department has already been consulted and made recommendation regarding;
  - fire connections
  - location of landscaping and the request that there be no large trees on South Ave.
  - internal circulation and curbing
  - internal building clearances
- The residential entrance on South Ave that has a combination of stairs and ADA accessible ramps along the existing sidewalk and an internal access within the courtyard.
- The goals of the comprehensive plan are met by providing easier commutes by foot, bike or mass transportation, allowing residents to experience a balance of city life in Poughkeepsie with its multiple venues, restaurants, retail shopping. They are hoping to create a bus stop there.
- Phase I and II has been submitted to the DEC. Some issues were identified such as construction debris etc. but are deemed manageable and will be addressed appropriately. Some petroleum odor was detected in one location during soil sampling that was reported to the DEC. It was not detected elsewhere and seems to be isolated.
- The wetlands that are mentioned in the NRI were discussed.
- The location of the building was chosen for river views, ability to screen the property from route 9, the topography of the site that works well with the drainage of the parking area, the access point into the property.

- There is a 97.8 foot setback from the western route 9 property line with vegetation and fencing along that property line.
- NYS DOT has a drainage pipe that traverses the property. The intention is to connect to the drainage pipe on the property as opposed to making a downstream connection in the DOT's right away.
- On Street parking was considered but South Ave is an ambulance route effecting on-street parking.

Michael McCormick spoke about the architecture of the building.

- Five story multi-family structure
- Facade not one blank wall, it has ins and outs to it
- Materials used is brick that is inherent to the area, metal and inflated panels with heavy stone at the base.
- There is a lot of glass so there is a lot of light in the building

Comments and Concerns from the Board:

- Parking - there is too much, too visible from both Route 9 and South Ave.
- Usable open space should be increased.
- Concern with look and durability of Trespa panels and metal paneling.
- Location of the entrance seems to be internal and not street facing. There is not much of a presence on South Ave.
- The intensity of the external lighting needs be reduced in the pedestrian area, the height limited and the style should be more consistent.
- A site visit was requested.

The board authorized the circulation of the application for review and comment by internal departments

Motion: Marjorie Smith
Second:Nick Deluccia
Carried: 7:0:0

The board established an escrow in the amount of ($3,000) for architectural reviews.
Motion: Marjorie Smith
Second: Sean O'Donnell
Carried: 7:0:0

4) **117 NORTH HAMILTON STREET**
REVIEW POSTPONED TO JANUARY APPLICANT'S REQUEST

V. SIGNS

1) **75 N WATER STREET: MID-HUDSON DISCOVERY MUSEUM -**
Sign review regarding freestanding monument sign with message board. Owner/Applicant: Mid-Hudson Discovery Museum; Consultant: GNS Sign Group; Grid #6062-66-738231; Zoning District: Waterfront District (W); File #PB2022-040

Presenting: Nancy Forrest, GNS Group
Jeff Sasson, Executive Director Mid-Hudson Discovery Museum

Nancy Forrest presented the board with several different sign options.

- The sign can be set and not be able to be changed by the applicant.
- The sign will not be lit past 6 or 8 pm.
- The location is advantageous - there is local traffic that passes by the museum and when the location is brought up on google, the front of the building is shown.
- Intended to be used as a marketing or branding tool in website, brochures etc.

The Board comments and concerns were:

- The light spillage at night and if the intensity of the LED backlit sign can be adjusted as well.
- The message sign and what will be displayed.
- Brick in the base needs to match the building
- The board's preferred design is the G1S but the applicant should submit one design, the location.

The board made a motion to set a public hearing for January 18. 2023
Motion: Marjorie Smith
Second: Nick Deluccia
Carried: 7:0:0

The board authorized the circulation of the application for review and comment by internal departments, the Waterfront Advisory Committee and Dutchess County Planning
Motion: Marjorie Smith
Second: Nick Deluccia
Carried: 7:0:0

VI. EXTENSION REQUEST

1) **278-282 Main Street**
Application for Site Plan Review for the conversion of the existing building, formerly a department store, to a mixed use building containing ground floor commercial space and a total of 24 dwelling units on the upper stories, including construction of a fifth story and a tower. Owner/Applicant: Kirchner Realty, Inc/Michael DeCordova; Consultant: Aryeh Siegel Architect; Zoning District: Poughkeepsie Innovation District - Historic Core Sub-district (PID-HC) Grid #6162-77-059084, 6162-77-062084, 6162-77-065081, 6162-77-065083 and 6162-77-060075; File #2021-040

It was moved to grant the extension of the approval for the amended site plan to 278-282 Main Street file number 2021-040 to January 19th, 2024.

Motion: Marjorie Smith
Second: Nick DeLuccia
Carried: 7:0:0

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PLANNING BOARD DRAFT MINUTES
DECEMBER 20, 2022 AT 6:00PM

VII. OTHER BUSINESS

Approval of 2023 Meeting Schedule
Motion: Marjorie Smith
Second: Nick DeLuccia
Carried: 7:0:0

MEETING ADJOURNED TO JANUARY 18, 2023

Motion: Marjorie Smith
Second: Rosaura Andújar-McNeil
Carried: 7:0:0

APPLICATION TO THE PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK

Application for Site Plan, Special Permit & Facade Approval

OFFICE USE ONLY

CODE: PLSF

ID # _____

FEE: _____
Total, from:
$500, plus
$ _____
($150 per 1000 square feet of floor area), plus
$ _____
($35 per number of required parking spaces), plus
$ _____
($500 for special permit, if applicable)

I. **PROPERTY ADDRESS:** 135 Main Street, Poughkeepsie, NY 12601

II. **PROPERTY OWNER:** Omni New York
ADDRESS: 909 Third Avenue
21st Floor
NYC, NY 10022 (state and zip code)
PHONE NUMBER: (646)502-7200 (include area code)

III. **NAME OF APPLICANT:** Tinkelman Architecture
ADDRESS: 25 Van Wagner Road
Poughkeepsie, NY 12603 (state and zip code)
PHONE NUMBER: 845-473-0200 ext 103 (include area code)
EMAIL ADDRESS: Tink@tinkarch.com

(If applicant is NOT the owner, proof of owner's consent to the application MUST be provided.)

IV. **CONSULTANT:** Ken Casamento
ADDRESS: The LCR Group
85 Civic Center Plaza, Suite 103
Poughkeepsie, NY 12601 (state and zip code)
PHONE NUMBER: 845-243-2880 (include area code)

V. **PROPOSED USE or FAÇADE CHANGE** (Summarize proposed use or uses): Creation of multi-family 4/5 story residential apartment building at the corner of Main Street and North Perry Street

VI. **ZONING DISTRICT:** R-6

(Proceed to XVII for special permit & façade approval only)

PROJECT INFORMATION

New construction: XX (yes) _____ (no)

Change of use: _____ (yes) XX (no)

Expansion/addition: _____ (yes) XX (no)

Alteration: _____ (yes) XX (no)

Cost of Construction: $ $13,000,000 (Preliminary)

LOT AND BULK INFORMATION: For all Lot & Bulk Information refer to Addenda 'A' & 'B' for the two separate lots to be created.

Lot area: Addenda 'A' & 'B' (acres) _____ (square feet)

Building Footprint: Addenda 'A' & 'B' (proposed square feet for new construction)

Addenda 'A' & 'B' (existing square feet for change of use/expansion)

Addenda 'A' & 'B' (additional proposed square feet for expansion)

Addenda 'A' & 'B' (total building footprint, square feet)

Lot Coverage: Addenda 'A' & 'B' (percentage, building coverage only)

Gross Floor Area: 61,768 SF (proposed square feet for new construction) Admiral Halsey Two - Lot One

86,745 SF (existing square feet for change of use/expansion) Admiral Halsey One - Lot Two

N/A (additional proposed square feet for expansion)

N/A (total gross floor area, square feet)

Building Height: Addenda 'A' & 'B' (stories) _____ (feet)

Floor Area Ratio: Addenda 'A' & 'B' (ratio of gross floor area divided by lot area)

VIII. PROJECT PARKING INFORMATION

A) Number of Off-Street Parking Spaces required: See Addenda 'A' & 'B'

B) Number of Off-Street Parking Spaces provided: See Addenda 'A' & 'B'

C) Waiver Requested: XX (Yes) _____ (No)

Is municipal parking available within 600 feet? _____ (Yes) XX (No)

If yes, name all such municipal facilities: N/A

(If a waiver is requested based on proximity to municipal facilities, a written request for such waiver, addressed to the City Planning Staff and the Chairman of the Planning Board, must be submitted with the application.)

If a private parking facility is to be utilized, is such facility within 600 feet?

_____ (Yes) XX (No)

If yes, provide the address of the facility, name of the property owner, number of spaces in the lot, number of spaces available for lease, and length of lease. Attach copy of lease. Additional information may be required by the Planning Board): N/A

IX. RESIDENTIAL PROPOSALS

A) Type of Development: Multiple Family Senior Development
(Townhouse, condominium, multiple residence rental, etc.)

B) Unit Breakdown:

Number of efficiency or "studio" units: See Addenda 'A' & 'B'

Number of one (1) bedroom units: See Addenda 'A' & 'B'

Number of two (2) bedroom unit's See Addenda 'A' & 'B'

Number with three or more bedrooms: See Addenda 'A' & 'B'

Total number of units: See Addenda 'A' & 'B'

C) Is funding public? XX Yes ____ No
If yes, describe funding source: NYC Homes & Community Renewal Program

Section X is 'Not Applicable'

X. OFFICE PROPOSALS (____ Medical/Dental ____ Professional ____ Business)

A) Number of Employees: _____

B) Number of doctors/dentists/medical practitioners: _____

C) Days/Hours of Operation: _____

Section XI is 'Not Applicable'

XI. SERVICE BUSINESS PROPOSALS

A) Specify Business: _____
(e.g., laundromat, drycleaner, beauty parlor, travel agency, banks)

B) Number of Employees: _____

C) Number of Washing Machines (for laundromat): _____

D) Days/Hours of Operation: _____

Section XII is 'Not Applicable'

XII. MERCANTILE PROPOSALS (Retail _____ Wholesale _____)

A) Type of Mercantile (specify): _____

B) Number of Employees: _____

C) Days/Hours of Operation: _____

Section XIII is 'Not Applicable'

XIII. STANDARD RESTAURANT/FAST FOOD RESTAURANT/COFFEE SHOP/DONUT SHOP/NIGHTCLUB/DISCOTHEQUE/BAR PROPOSALS

A) Specify Use: _____

B) Number of seats (excluding bar stools and outdoor seating):_____

C) Meals served (i.e., breakfast, lunch, dinner): _____

D) Type of Menu: _____

E) Days/Hours of Operation: _____

F) Entertainment (live and/or recorded):_____

G) Will the restaurant contain a bar/lounge?: _____ Yes _____ No

H) If yes, how many seats at the bar? _____

I) Is a drive-through window proposed? _____

J) Is a walk-up window proposed? _____

K) Is an outdoor seating area proposed? _____

L) If yes, how many seats are proposed? _____

M) If yes, is outdoor cooking proposed? _____

Section XIV is 'Not Applicable'

XIV. INDUSTRIAL/COMMERCIAL PROPOSALS (Automobile repair, taxi, motor vehicle sales, warehouse, manufacturing, animal hospital, research facilities, etc.)

A) Specify Use: _____

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

E) Number of work bays (if automobile repair): _____

F) Days/Hours of operation: _____

Section XV is 'Not Applicable'

XV. EDUCATIONAL/INSTITUTIONAL/RECREATIONAL PROPOSALS (e.g., Museums, Theatres, Conference Centers, Hotels, Motels, Hospitals, Nursing Homes, Assisted Living Facilities, Nursery Schools, Private Schools, Day Care Centers, Places of Worship, Marinas, Membership Clubs, etc.)

A) Specify: _____

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

D) Number of beds (hospitals, nursing homes, etc): _____

E) Number of seats in largest assembly space: _____

F) Number of classrooms (schools): _____

G) Number of rental units (hotels, motels, etc.) _____

H) Number of boat slips/courts (e.g., tennis, handball, etc.), alleys: _____

I) Days/Hours of Operation: _____

XVI. PROPOSALS NOT MENTIONED ABOVE (Please be specific):

_____

_____

_____

_____

_____

XVII. APPLICANT CERTIFICATION

I, STEVEN TINKELMAN, certify that the this application has addressed the objectives outlined in the Zoning Ordinance with consideration given to the public health, safety and welfare; the comfort and convenience of the public in general or the residents or users of the proposed development and of the immediate neighborhood.

The applicant certifies that all information contained herein is accurate and complete as of the date of this application.

_____ 17JUN21

Signature of Applicant Date

ADDENDUM 'A'

ZONING & LAND USE REGULATIONS
Admiral Halsey Two (Proposed Lot 1)

PROPERTY ADDRESS: 135 MAIN STREET, POUGHKEEPSIE, NY 12601

ZONING DISTRICT: R-6

	REQUIRED	PROPOSED
* MINIMUM LOT AREA (ACRES)	1.33 ACRES (57,600.00 SF)	1.17 ACRES (50,782.00 SF)
MINIMUM LOT WIDTH (FEET)	100 ft	239.46 ft
MINIMUM LOT FRONTAGE (FEET)	100 ft	239.46 ft
MINIMUM FRONT YARD	20 ft	0.385 ft (CANOPY NEW BLDG.) 20.00 ft - (NEW BLDG.)
MINIMUM SIDE YARD #1	34.18 ft	73.25 ft
MINIMUM SIDE YARD #2	34.18 ft	10.31 ft
MINIMUM REAR YARD	34.18 ft	58.06 ft
MAXIMUM BUILDING HEIGHT (STORIES)	None	4/5 STORIES (68.375 FT)
MAXIMUM LOT COVERAGE	70%	25%
** MINIMUM USABLE OPEN SPACE	0.44 ACRES (19,200.00 SF)	0.12 ACRES (5,206.35 SF)
DISTANCE BETWEEN BUILDINGS ON ONE SITE	N/A	N/A
PARKING (w/ stacking) Based on 9x20 Stall Dimensions	40 SPACES	58 SPACES

*MINIMUM LOT AREA CALCULATION:

PROPOSED BUILDING:

STUDIO: 24 x 800 SF =	19,200 SF	
1 BEDROOM: 48 x 800 SF =	38,400 SF	
2 BEDROOM: 0 x 1,200 SF =	0 SF	
TOTAL REQUIRED MIN. LOT AREA =	57,600 SF	(1.33 ACRES)

TOTAL MINIMUM LOT AREA = 57,600 SF (1.33 ACRES)

**USABLE OPEN SPACE CALCULATION:

PROPOSED BUILDING:

STUDIO: 24 x 200 SF =	4,800 SF	
1 BEDROOM: 48 x 300 SF =	14,400 SF	
2 BEDROOM: 0 x 400 SF =	0 SF	
TOTAL REQUIRED USABLE OPEN SPACE =	19,200 SF	(0.44 ACRES)

TOTAL MINIMUM OPEN SPACE = 19,200 SF (0.44 ACRES)

PARKING CALCULATION

PARKING Based on 9x20 Stall Dimensions	FOR DWELLINGS DESIGNED TO BE OCCUPIED AT LEAST 90% BY PERSONS 62 YEARS OF AGE OR OLDER, 0.5 SPACES PER APARTMENT. PROPOSED BUILDING: # OF STUDIO UNITS = 24 = 24 X 0.5 = 12 SPACES # OF 1-BEDROOM UNITS = 48 = 48 X 0.5 = 24 SPACES TOTAL = 36 SPACES VISITOR: 10% OF 36 SPACES = 3.6 = 4 SPACES PROPOSED BUILDING GRAND TOTAL REQUIRED = 40 SPACES TOTAL REQUIRED FOR THE PROJECT = 40 TOTAL PROVIDED FOR THE PROJECT = 58

REQUIRED VARIANCES

1. SECTION 19-3.17(4)(a) - MINIMUM LOT AREA:
   - REQUIRED MINIMUM LOT AREA = 1.33 ACRES (57,600.00 SF)
   - PROVIDED MINIMUM LOT AREA = 1.17 ACRES (50,782.00 SF)
   - AREA SHORTFALL = 6,818 SF
2. SECTION 19-3.17(4)(e) - MINIMUM FRONT YARD:
   - FRONT YARD REQUIRED = 20.00 ft
   - FRONT YARD PROVIDED = 0.385 ft - NEW BUILDING CANOPY
   - DISTANCE SHORTFALL = 19.615 ft
3. SECTION 19-3.17(4)(f)(1) - MINIMUM SIDE & FRONT YARDS:
   - SIDE YARD #2 REQUIRED = 34.18 ft
   - SIDE YARD #2 PROVIDED = 10.31 ft
   - DISTANCE SHORTFALL = 23.87 ft
4. SECTION 19-3.15(4)(i) - REQUIRED OPEN SPACE:
   - REQUIRED OPEN SPACE = 19,200.00 SF
   - PROVIDED OPEN SPACE = 5,206.35 SF
   - OPEN SPACE SHORTFALL = 13,993.65 SF

ADDENDUM 'B'

ZONING & LAND USE REGULATIONS
Admiral Halsey One (Proposed Lot 2)

PROPERTY ADDRESS: 135 MAIN STREET, POUGHKEEPSIE, NY 12601

ZONING DISTRICT: R-6

	REQUIRED	PROPOSED
* MINIMUM LOT AREA. (ACRES)	2.185 ACRES (95,200.00 SF)	1.12 ACRES (48,773.00 SF)
MINIMUM LOT WIDTH (FEET)	100 ft	278.82 ft (NO CHANGE)
MINIMUM LOT FRONTAGE (FEET)	100 ft	278.82 ft (NO CHANGE)
MINIMUM FRONT YARD #1 (CORNER LOT)	20 ft	48.45 ft
MINIMUM FRONT YARD #2 (CORNER LOT)	20 ft	20.54 ft
MINIMUM SIDE YARD	68.04 ft	113.75 ft
MINIMUM REAR YARD	68.04 ft	34.66 ft
MAXIMUM BUILDING HEIGHT (STORIES)	None	13 STORIES (136.083 FEET)
MAXIMUM LOT COVERAGE	70%	14.2%
** MINIMUM USABLE OPEN SPACE	0.82 ACRES (35,700.00 SF)	0.205 ACRES (8,929 SF)
DISTANCE BETWEEN BUILDINGS ON ONE SITE	N/A	N/A
PARKING (w/ stacking) Based on 9x20 Stall Dimensions	66 SPACES	46 SPACES

*MINIMUM LOT AREA CALCULATION:

EXISTING BUILDING:

STUDIO: 0 x 800 SF =	0 SF	
1 BEDROOM: 119 x 800 SF =	95,200 SF	
2 BEDROOM: 0 x 1,200 SF =	0 SF	
TOTAL REQUIRED MIN. LOT AREA =	95,200 SF	(2.185 ACRES)

TOTAL REQUIRED MINIMUM LOT AREA = 95,200 SF (2.185 ACRES)

**USABLE OPEN SPACE CALCULATION:

EXISTING BUILDING:

STUDIO: 0 x 200 SF =	0 SF	
1 BEDROOM: 119 x 300 SF =	35,700 SF	
2 BEDROOM: 0 x 400 SF =	0 SF	
TOTAL REQUIRED USABLE OPEN SPACE =	35,700 SF	(0.819 ACRES)

TOTAL MINIMUM OPEN SPACE = 35,700 SF (0.819 ACRES)

PARKING CALCULATION

PARKING Based on 9x20 Stall Dimensions	FOR DWELLINGS DESIGNED TO BE OCCUPIED AT LEAST 90% BY PERSONS 62 YEARS OF AGE OR OLDER, 0.5 SPACES PER APARTMENT. EXISTING BUILDING: # OF 1-BEDROOM UNITS = 119 =119 X 0.5 = 60 SPACES TOTAL = 60 SPACES VISITOR: 10% OF 60 SPACES = 6 SPACES EXISTING BUILDING GRAND TOTAL REQUIRED = 66 SPACES TOTAL REQUIRED FOR THE PROJECT = 66 TOTAL PROVIDED FOR THE PROJECT = 46

REQUIRED VARIANCES

1. SECTION 19-3.17(4)(a) - MINIMUM LOT AREA:
   - REQUIRED MINIMUM LOT AREA = 2.185 ACRES (95,200.00 SF)
   - PROVIDED MINIMUM LOT AREA = 1.12 ACRES (48,773.00 SF)
   - AREA SHORTFALL = 1.065 ACRES (46,427.00 SF)

2. SECTION 19-3.17 (4)(f)(1) - MINIMUM SIDE & REAR YARDS
   - REAR YARD REQUIRED = 68.04 ft
   - REAR YARD PROVIDED = 34.66 ft
   - DISTANCE SHORTFALL = 33.38 ft

3. SECTION 19-3.15(4)(i) - REQUIRED OPEN SPACE:
   - REQUIRED OPEN SPACE = 35,700.00 SF
   - PROVIDED OPEN SPACE = 8,929.00 SF
   - OPEN SPACE SHORTFALL = 26,771.00 SF

4. SECTION 19-4.3 - OFF-STREET PARKING.
   - REQUIRED PARKING = 66
   - PROVIDED PARKING = 46
   - PARKING SHORTFALL = 20

TINKELMAN ARCHITECTURE

January 3, 2023

City of Poughkeepsie
62 Civic Center Plaza
Poughkeepsie, NY 12601

Attention: **Ms. Anne Saylor – Chairwoman of the Planning Board**
Honorable Members of the City of Poughkeepsie Planning Board

RE: **135 Main Street – Site Plan Review and Subdivision**
Poughkeepsie, New York 12601
Parcel # 131300-6062-76-911183-0000

Dear Chairwoman Saylor and Members of the Planning Board,

I hope that this letter finds you well with the start of the new year and that of a new Planning Board.

I am pleased to inform you that at the meeting of the Zoning Board of Appeals that was held on December 22, 2022, that the Zoning Board of Appeals approved the variances that were requested for the development of this property. A copy of the ZBA Approval Resolution, has been included with this letter for reference.

Pertaining the meeting we had with the Board on December 20, 2022, we are providing to you our responses to the comments and questions that were presented to our Team based upon the project information provided to Planning Department and included on the City's website for this meeting.

1. The mechanical units for the individual apartments are to be located within the apartment units themselves. These self-contained non-ducted heat pump units are to be located within the exterior walls of the building. The mechanical units for the common/public spaces within the building shall have the equipment located on top of the stair towers. The equipment will be screened from view through the use of parapet walls comprised of the fiber-cement panel siding and metal louvered screen walls. The locations of these units are indicated on Sheet PZ-102, Fifth Floor Plan, that was included within the Elevations Set that was submitted to the Planning Department for the December 20th Planning Board Meeting. These elements were carefully considered as part of the development of the exterior elevations of the building so to blend with the massing and the exterior finish materials. Refer to the attached building elevations which indicate the locations of these mechanical units as well as an aerial view of the building.

2. The types of dwelling units that are to be available within Admiral Halsey Two were outlined in a letter that was prepared by Mary Linge from Hudson River Housing and dated July 2022. This letter was included as part of the Supplemental Documents submitted to the Planning

Department for the September 20, 2022, Planning Board Meeting. Within Admiral Halsey Two there are 24 Studio style apartments and 48 one-bedroom apartments.

3. Pertaining the availability of public transportation, the closest bus stop to the project site is to the west at the corner of Main Street and North Clover Street. There is also one that is to the east of the site. This is located on the southwest corner of Main Street and the Arterial. Refer to the attachment identifying Major Roads, Highways, Railroads & Bus Stops.

4. The item that was presented pertaining the height of the building was one of the initial discussions that our office had with the Members of the Planning Board. As was stated by Steven Tinkelman, the first rendition of the project had consisted of a seven-story building. It was through an informal discussions with the members of the Planning Board that the 4 and 5 story solution was arrived at. It was felt that this shorter building was more appropriate and harmonious with the fabric of the surrounding residential neighborhood.

5. For the January 18th presentation to the Planning Board, our will include benches and tables within the rendering views of the building as well as of the courtyard. These will be based upon the arrangement of these amenities which are indicated on the Sheet LL-1, Landscape Plan, which was included in the Site Plan Set that was submitted to the Planning Department for the December 20, 2022, Planning Board Meeting.

6. Pertaining to the activation of the site and the Courtyard, there is open space around the area of the gazebo that provides sufficient space for setting up of tents for activities that typically have been planned for the residents of Admiral Halsey One. These types of events will continue and will be open for the residents of both Admiral Halsey One and Two. We did not want to identify specific outdoor activities that can be conducted in various locations throughout the site because these will change per the interests of the residents that reside within the buildings. We further discuss this item at the January 18th Planning Board Meeting.

7. To respond to the discussions on the flatness of the exterior elevations of the building, our office had made several modifications to the façade planes on the building's exterior. Selected façade planes have been shifted forward 6 inches to emphasize the difference in material articulations as well as color changes. This can be seen when viewing the building renderings on Sheet PZ-107 included within the Elevations Set submitted to the Planning Department for the December 20, 2022, Planning Board Meeting

8. Our office will bring to the January 18th meeting of the Planning Board a Material and Color Board to present to the Members. An image of the Material and Color Board can be viewed on Sheet PZ-110 that was included within the Elevations Set submitted to the Planning Department for the December 20, 2022, Planning Board Meeting.

9. A comment was made about the style of gazebo that was selected and included as part of the project. The decision not to have the gazebo reflect the architectural style of the proposed Admiral Halsey Two Building was purposeful. It was felt that the architectural style should be reminiscent to gazebos found within public parks throughout Dutchess County. This would consist of a wood structure with a pitched roof supported on columns. Between the columns would be a simple railing comprised of a horizontal rail with vertical spindles. At the top would be decorative knee braces. In keeping with this classic style, it allows the structure to be clearly recognizable to it use and function. To allow for the accessibility of this gazebo, the floor surface will be at the same level of the adjoining sidewalk and will also be of concrete.

10. As part of the conversation that was had pertaining the activation of the site, the existence of the roof top terrace was mentioned. This is seen on Sheet PZ-102, 5th Floor Plan as well as in an aerial rendering of the building that is on Sheet PZ-108. This area will be provided with benches and planters allowing for passive activities and gatherings. This space is off of the Resident Lounge that is located on the 5th floor. This interior space has yet to be programmed.

11. The first floor of the building has been designed to provide a covered loggia along the N. Perry Street side of the building. This covered area is 8'-6" in depth to allow for seating to occur without obstructing pedestrian movement. This is similar to the overhang over the doors that lead from the Resident Lounge and the Community Space that is located on the 1st floor of the building. The overhang was designed to be deep enough to allow for someone in a wheelchair to sit out of the sun, enjoy the outdoors and still be out of the sun. Seating is show in the loggia area in the renderings on PZ-107.

12. The windows that are part of the building design are a combination of fixed and casement styles. The arrangement of the windows varies across the building façade to provide interest. Pertaining the variation in the window heads and sills of the windows, precast lintels and sills are specifically located at the larger window groupings which are located in the brick veneer portions of the building façade. This reflects a more traditional method of masonry construction. This speaks to the more traditional aesthetics of the residential neighborhood. In the locations of the fiber-cement board panels, a 'C' channel lintel was selected to give these locations of the building a more modern feel. This references the clean window openings that occur on Admiral Halsey One and other modern buildings along Main Street.

Should you have additional questions or clarifications pertaining the information provided do not hesitate to contact our office. We look forward to further discussions with the Planning Board at the January 18th Meeting.

TINKELMAN ARCHITECTURE

Kind Regards,

TINKELMAN ARCHITECTURE, PLLC.

Robert E. Turner
Project Architect

Attachments:

- Attachment A - ZBA Variance Approval Letter
- Attachment B - Mechanical Unit Location Elevations
- Attachment C - Mechanical Unit Location – Aerial View
- Attachment D - Bus Stop Location Map

CITY OF POUGHKEEPSIE
CITY CLERK
2022 DEC 23 PM 1:23

CITY OF POUGHKEEPSIE
ZONING BOARD OF APPEALS APPROVAL RESOLUTION

In the matter of the appeal of Omni New York, LLC, regarding the property at 135 Main Street, Poughkeepsie, New York:

At a Regular Meeting of the Zoning Board of Appeals held in the Common Council Chambers, 3rd Floor, City Hall, 62 Civic Center Plaza, on the 22nd day of December, 2022, at 6:00pm:

Present
Scott Parker, Chair
John Gildard
Thomas Klug
Steven Reifler
Brian Ineson

Excused
Jessica Vinall

WHEREAS, the Zoning Board of Appeals has received an application from Omni New York, LLC, relative to the property at 135 Main Street for area variances as follows:

1) Section 19-3.17(4)(b) requires that a minimum of 95,200 square feet of lot area be provided for Lot 1 (the existing building). Lot 1 is proposed to be 40,663.84 square feet, a variance of 54,536 SF, or 57%, is requested;
2) Section 19-3.17(4)(e) requires a minimum front yard setback of 20 feet. While the bulk of the building is setback 20 feet, Lot 2 (the new lot and building) is proposed to have a 34.5 foot wide canopy that projects into the front yard, providing a front yard setback of only 0.55 feet, a variance of 19.45 feet or 97.25% is requested;
3) Section 19-3.17(4)(f)(l) requires that for buildings with more than three dwelling units, the distance from structure to property line for side and rear yards be one-half the height of the structure closest to the property line. For Lot 1, the required north side yard setback from the internal lot line shared with Lot 2 is 68.04 feet, while 23.92 feet is provided, a variance of 44.12 feet, or 65%, is requested;
4) Section 19-3.17(4)(i) requires that usable open space for tenant recreational purposes be provided for all multiple dwellings in a side or rear yard, while Section 19-4.13 provides that accessory uses are not to be located in front yards. Lot 1 requires 35,700 square feet of usable space: 16,026 square feet of useable space is provided, with 12,215 square feet located in the front yard. An overall variance of 19,674 square feet, or 63% is requested; and,
5) Section 19-4.3(11) requires that 66 off-street parking spaces be provided for Lot 1, while 35 are proposed, a variance of 31 spaces or 47% is requested. Section 19-4.3(11) requires 40off-street parking spaces for Lot 2 while 33 spaces are proposed, a variance of 7 spaces or 17.5% is requested; and,

WHEREAS, the application was accompanied by additional materials, including Subdivision Plat SUB-1 with a revision date of 3/22/22, Site Plan SP-1, LL-1 and DN-4 with a revision date of 7/25/22, and PSP-1 9/19/22 prepared by Rodney E. Morrison, LPE, LRC Group, and supplemental materials; and,

WHEREAS, public hearings were held on the application on March 8, 2022, May 10, 2022, August 9, 2022, September 13, 2022, October 11, 2022 and November 8, 2022; and,

WHEREAS, this application is considered to be an Unlisted Action under SEQR; and,

WHEREAS, the action is more fully detailed on the Full Environmental Assessment Form with a revision date of 3/23/22, prepared by Ken Spillberg, and the application and plans outlined above; and,

WHEREAS, at the September 20, 2022 meeting the Planning Board as Lead Agency of the coordinated SEQR review adopted a Negative Declaration;

WHEREAS, the applicant has developed a robust record in support of the variances, taking into consideration comments of the Planning Board, the ZBA and the public.

NOW THEREFORE BE IT FURTHER RESOLVED THAT THE ZONING BOARD OF APPEALS MAKES THE FOLLOWING FINDINGS:

In making its determination on an area variance application, this Board must take into consideration the benefit to the applicant(s) if the variance is granted as weighed against the detriment to the health, safety and welfare of the neighborhood or community by such grant. The Board considers the following criteria in making this determination: (1) whether an undesirable change will be produced in the character of the neighborhood or a detriment to nearby properties will be created by granting an area variance; (2) whether the benefit sought by the applicant(s) can be achieved by some method, feasible for the applicant(s) to pursue, other than an area variance; (3) whether the requested area variance is substantial; (4) whether the proposed variance will have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district; and (5) whether the alleged difficulty was self-created, which consideration shall be relevant to the decision of the Board, but shall not necessarily preclude the granting of the area variance.

Each variance will be addressed individually:

LOT AREA

Relief needed: Section 19-3.17(4)(b) requires that a minimum of 95,200 square feet of lot area be provided for Lot 1 (the existing building). Lot 1 is proposed to be 40,663.84 square feet, a variance

of 54,536 SF, or 57%, is requested

(1) whether an undesirable change will be produced in the character of the neighborhood or a detriment to nearby properties will be created by granting an area variance;

The applicant has demonstrated that residential density is compatible with varying densities in the area as set forth in the Area Density Study dated July 26, 2022 prepared by Tinkelman Architecture. Originally, both lots required variances, but in conjunction with feedback from the Planning Board, the applicant adjusted the interior lot line making Lot #1 smaller but this adjustment allows Lot #2 to be code compliant. Lot #2, adjoining the residential neighborhood, is larger and will be in character with the scale of the structures and density of the parcels to the north, west and east. Lot #1 includes the existing Admiral Halsey I building that fronts Main Street and is in character with similar large-scale properties on Main Street.

The applicant has demonstrated that the variances will neither produce an undesirable change in the character of the neighborhood nor will a detriment to nearby properties be created by the granting of the area variances

(2) whether the benefit sought by the applicant(s) can be achieved by some method, feasible for the applicant(s) to pursue, other than an area variance;

Under this criteria, the Board is to consider whether there are alternatives that do not require area variances. *Matter of Corp. of Presiding Bishop of Church of Jesus Christ of Latter Day Saints v. ZBA of Town/Village of Harrison,* 296 A.D.2d 460, 462 (2d Dept. 2002) (the proposed alternative did not comport with this criteria as it still required a height variance). Additionally, the alternative must provide the benefit the applicant seeks to achieve. *Baker v. Brownlie*, 248 A.D.2d 527 (2d Dept. 1998).

The applicant has demonstrated that the benefit sought by the applicant cannot be achieved by some method feasible for the applicant to pursue, other than area variances, in that there are no undeveloped contiguous properties available to reduce the amount of the lot area variance. Additionally, the financing for the project is contingent on the subdivision, which necessitates the variance requested, and alternative methods of project financing, such as ground lease, are not feasible. *See* April 18, 2022 letter from Philip J. Bronzi, Chief Lending Officer, Rhinebeck Bank.

(3) whether the requested area variance is substantial;

The requested variance is to permit a lot of 40,663.84 sf where 95,200 is required – a variance of 57%. The variance may appear to be substantial based upon a pure mathematical equation, but substantiality should also consider the actual impact of each variance.

In addition to the reasons set forth under criteria #1 and #2, the applicant has demonstrated that the variances have been significantly reduced in both number and impact from the variances originally requested. The applicant was able to adjust an interior lot line to eliminate the need to obtain variances for both Lots. Lot #1 includes the existing Admiral Halsey I building that fronts Main Street with similar large-scale properties. Lot #2, adjoining the residential neighborhood, is code compliant to stay in character with the scale of the structures and density of the parcels to the north, west and east. Furthermore, the subdivision merely creates an invisible, internal, property line on a filed subdivision map that does not affect the physical conditions of the property or neighborhood.

(4) whether the proposed variance will have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district; and

The applicant has demonstrated that the proposed variance will not have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district, for reasons previously outlined above, in that the density of development is compatible with the density of development in the area.

(5) whether the alleged difficulty was self-created, which consideration shall be relevant to the decision of the Board, but shall not necessarily preclude the granting of the area variance.

The alleged difficulty in complying with the ordinance is not self-created, in that the subdivision, which results in the need for several variances, is required for the financing of the project.

After consideration of the criteria for an area variance, the ZBA finds that all criteria weigh in favor of granting the area variance as the benefit to the applicant outweighs any alleged detriment to the health, safety and welfare of the neighborhood or community.

FRONT YARD SETBACK

Relief needed: Section 19-3.17(4)(e) requires a minimum front yard setback of 20 feet. While the bulk of the building is setback 20 feet, Lot 2 (the new lot and building) is proposed to have a 34.5 foot wide canopy that projects into the front yard, providing a front yard setback of only 0.55 feet, a variance of 19.45 feet or 97.25% is requested;

(1) whether an undesirable change will be produced in the character of the neighborhood or a detriment to nearby properties will be created by granting an area variance;

The applicant has demonstrated that the variance for the front yard set-back, which applies only to that section of the building where a canopy provides shelter for pick-up/drop off and some seating, is *de minimis*. The open-air structure is an architectural features intended to provide cover

during the drop-off and pick-up of residents. The drop-off area and canopy are necessary because of the reduced mobility of the prospective residents.

Furthermore, neighboring buildings in the area have a variety of front yard set-backs, from zero-lot line to ten feet. There has been no evidence that the canopy would produce a change to the character of the neighborhood or be a detriment to nearby properties.

(2) whether the benefit sought by the applicant(s) can be achieved by some method, feasible for the applicant(s) to pursue, other than an area variance;

There is an alternative that the applicant could pursue; moving the main building back 40 feet to allow room for the canopy with in the setback. However, this setback would not be in character with the surrounding neighborhood where structures are much closer to the street. This setback would also reduce the amount of open space that the applicant is able to provide in the courtyard behind the building. The proposed layout is preferred over the no-variance alternative.

(3) whether the requested area variance is substantial;

The impact of the variance for an open air canopy is insignificant. The variance is not substantial.

(4) whether the proposed variance will have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district; and

The applicant has demonstrated that the proposed variance will not have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district, for reasons previously outlined above.

(5) whether the alleged difficulty was self-created, which consideration shall be relevant to the decision of the Board, but shall not necessarily preclude the granting of the area variance.

The variance is self-created, but the ZBA finds that this should not preclude the granting of the variance given the usefulness of the open air canopy to future residents.

After consideration of the criteria for an area variance, the ZBA finds that criteria 1, 3, 4 and 5 clearly weigh in favor of granting the area variance. The ZBA, in balancing each criteria, finds that criteria 2, alternatives, does not warrant denial of the variance as the permitted alternative would be out of character with the neighborhood. As the benefit to the applicant outweighs any alleged detriment to the health, safety and welfare of the neighborhood or community, the variance is granted.

CITY OF POUGHKEEPSIE
ZONING BOARD OF APPEALS APPROVAL RESOLUTION

SIDE YARD SETBACK

Relief needed: Section 19-3.17(4)(f)(l) requires that for buildings with more than three dwelling units, the distance from structure to property line for side and rear yards be one-half the height of the structure closest to the property line. For Lot 1, the required north side yard setback from the internal lot line shared with Lot 2 is 68.04 feet, while 23.92 feet is provided, a variance of 44.12 feet, or 65%, is requested;

(1) whether an undesirable change will be produced in the character of the neighborhood or a detriment to nearby properties will be created by granting an area variance;

The requested variance relates to a proposed property line internal to the applicant's two properties. There is no impact to the character of the neighborhood or a detriment to nearby properties.

(2) whether the benefit sought by the applicant(s) can be achieved by some method, feasible for the applicant(s) to pursue, other than an area variance;

The applicant has demonstrated that the benefit sought by the applicant cannot be achieved by some method feasible for the applicant to pursue, other than area variances, in that the financing for the project is contingent on the subdivision, which necessitates the variance requested. Any other proposed location for the lot line would trigger the need for one or more variances.

(3) whether the requested area variance is substantial;

The variance relates solely to an internal property line. While the variance may mathematically appear large, there is no impact. It is not substantial.

(4) whether the proposed variance will have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district; and

The applicant has demonstrated that the proposed variance will not have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district, for reasons previously outlined above, in that the building setbacks are compatible with its urban setting.

(5) whether the alleged difficulty was self-created, which consideration shall be relevant to the decision of the Board, but shall not necessarily preclude the granting of the area variance.

The alleged difficulty in complying with the ordinance is not self-created, in that the subdivision, which results in the need for several variances, is required for the financing of the project.

After consideration of the criteria for an area variance, the ZBA finds that all criteria weigh in favor of granting the area variance as the benefit to the applicant outweighs any alleged detriment to the health, safety and welfare of the neighborhood or community.

OPEN SPACE

Relief needed: Section 19-3.17(4)(i) requires that usable open space for tenant recreational purposes be provided for all multiple dwellings in a side or rear yard, while Section 19-4.13 provides that accessory uses are not to be located in front yards. Lot 1 requires 35,700 square feet of usable space: 16,026 square feet of useable space is provided, with 12,215 square feet located in the front yard. An overall variance of 19,674 square feet, or 65% is requested; and,

(1) whether an undesirable change will be produced in the character of the neighborhood or a detriment to nearby properties will be created by granting an area variance;

The applicant has demonstrated that there is adequate open space particularly when considering the front yard as open space and tenant population (elderly and disabled). Historically, the front yard, particularly as it fronts Main Street, has been utilized as open space, as the presence of benches attests.

The useable open space is required under the code as an amenity to residents on site. Therefore, any reduction in useable open space would impact the residents instead of the neighborhood at large or nearby properties.

(2) whether the benefit sought by the applicant(s) can be achieved by some method, feasible for the applicant(s) to pursue, other than an area variance;

There is no alternative to pursue other than a solution that requires an area variance.

(3) whether the requested area variance is substantial;

The variance is not substantial in impact. The applicant is also providing .44 acres of useable open space on Lot 2 for a total of .82 acres of open space across Lots 1 and 2 that is available to residents of both buildings. There is a City park that abuts the property to the north and the City's waterfront park system can supplement the recreational uses available on site.

(4) whether the proposed variance will have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district; and

The applicant has demonstrated that the proposed variance will not have an adverse effect or

impact on the physical or environmental conditions in the neighborhood or district, for reasons previously outlined above, in that the open space is adequate for the development. The site will include a courtyard in addition to the passive recreation available on site.

(5) whether the alleged difficulty was self-created, which consideration shall be relevant to the decision of the Board, but shall not necessarily preclude the granting of the area variance.

The applicant has demonstrated that all alternatives were explored to provide as much useable open space as possible while considering the feedback of the Planning Board for the current 4-5 story structure. The original 7 story structure proposed would have allowed greater open space on lot 2 to serve the combined project site. The 7 story structure would not have been in character with the surrounding neighborhood and the loss of open space is mitigated by the proximity of a City park and the waterfront. While it may arguably be stated that the need for this variance is self-created due to the subdivision and the modification of the structure to the lower 4-5 stories, the benefit to the community of the revised proposal warrants granting of the variance.

After consideration of the criteria for an area variance, the ZBA finds that all criteria weigh in favor of granting the area variance as the benefit to the applicant outweighs any alleged detriment to the health, safety and welfare of the neighborhood or community.

OFF-STREET PARKING

Relief needed: Section 19-4.3(11) requires that 66 off-street parking spaces be provided for Lot 1, while 35 are proposed, a variance of 31 spaces or 47% is requested. Section 19-4.3(11) requires 40 off-street parking spaces for Lot 2 while 33 spaces are proposed, a variance of 7 spaces or 17.5% is requested.

(1) whether an undesirable change will be produced in the character of the neighborhood or a detriment to nearby properties will be created by granting an area variance;

The applicant has demonstrated, through a professional parking study prepared by Colliers Engineering & Design, last revised September 2, 2022, that the requirement for off-street parking exceeds the need and that the proposed parking is adequate. The ZBA has confirmed that the new building will have a similar age-restricted, low-income population with similar parking needs. The Colliers study confirms that the proposed 68 parking spaces among both lots adequately accommodates the peak parking need of the project.

(2) whether the benefit sought by the applicant(s) can be achieved by some method, feasible for the applicant(s) to pursue, other than an area variance;

The only alternatives available to increase parking would trigger other variances such as the need for a larger variance from the useable open space provided.

(3) whether the requested area variance is substantial;

The variance for Lot 1 may appear mathematically large but the parking study documents that the parking provided meets the needs of the residents. The variance for Lot 2 is not substantial mathematically and is again supported by the parking study referenced above.

(4) whether the proposed variance will have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district; and

The applicant has demonstrated that the proposed variance will not have an adverse effect or impact on the physical or environmental conditions in the neighborhood or district, for reasons previously outlined above that the requirement for off-street parking exceeds the need and that the proposed parking is adequate.

(5) whether the alleged difficulty was self-created, which consideration shall be relevant to the decision of the Board, but shall not necessarily preclude the granting of the area variance.

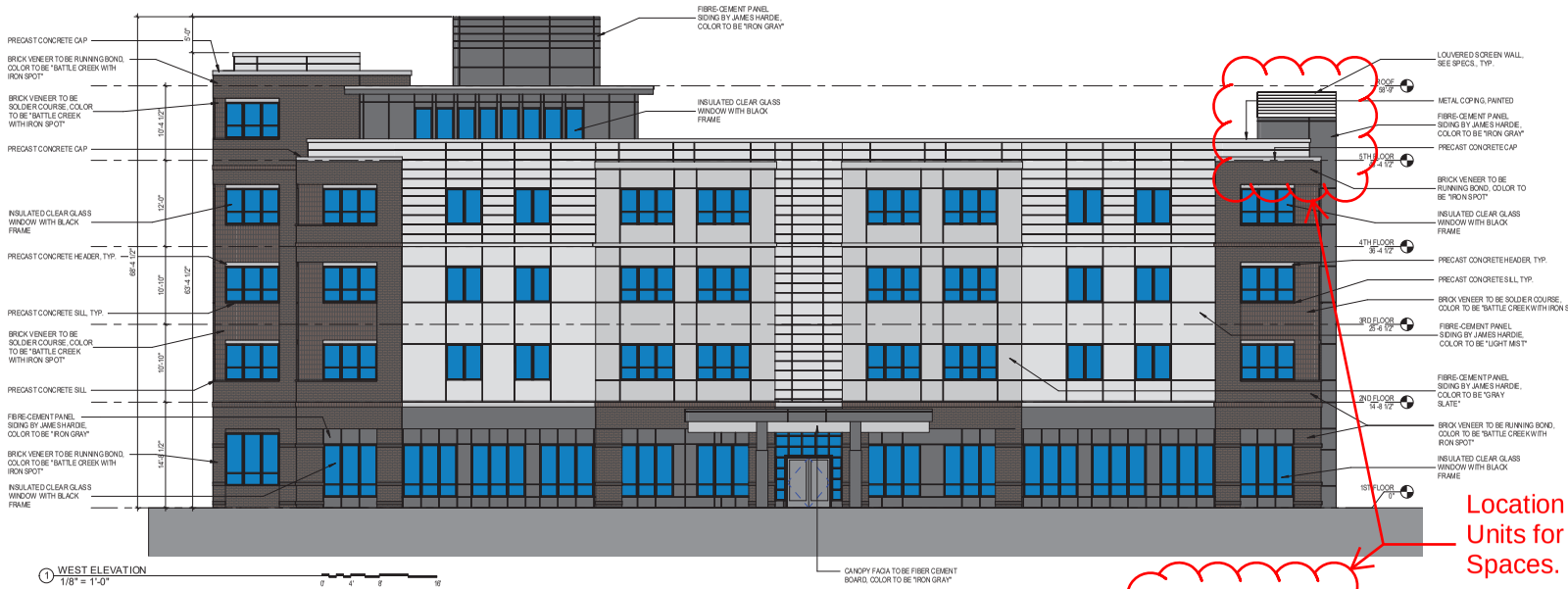
The reduction in parking spaces is due, in part, to discussion with the Planning Board to increase the open space available. To the extent the variance might be consider self-created it is mitigated by the parking study that confirms the parking is sufficient for the population residing on site.

After consideration of the criteria for an area variance, the ZBA finds that all criteria weigh in favor of granting the area variance as the benefit to the applicant outweighs any alleged detriment to the health, safety and welfare of the neighborhood or community.

NOW THEREFORE BE IT FURTHER RESOLVED that the City of Poughkeepsie Zoning Board of Appeals hereby approves the area variances as detailed in the above referenced application, subject to the following conditions (if any):

Motion to Approve and receive in print.
Motion: Thomas Klug
Second: John Gildard
Carried: 5 0 0
Aye Nay Abstention

Lori L. Garcia
Board Clerk
Zoning Board of Appeals



1 WEST ELEVATION
1/8" = 1'-0"

Location of the Mech. Units for Common/Public Spaces.

2 SOUTH ELEVATION
1/8" = 1'-0"

Attachment B

*THIS DRAWING IS FOR SCHEMATIC DESIGN PURPOSES ONLY AND IS NOT INTENTED FOR CONSTRUCTION. ACTUAL CONSTRUCTION DRAWINGS, AND SUBSEQUENT CONSTRUCTION MAY DIFFER SIGNIFICANTLY FROM THIS REPRESENTATION.

TINKELMAN ARCHITECTURE
25 Van Wagner Road,
Poughkeepsie,
New York 12603
www.tinkarch.com

CLIENT NAME:
OMNI NEW YORK
909 THIRD AVE; 21ST FL.
NEW YORK CITY, NY 10022

PROJECT NAME:
ADMIRAL HALSEY II
135 MAIN STREET
POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 16526 STATE OF NEW YORK

WEST ELEVATION
SOUTH ELEVATION

Date: 2022.04.26
Project number: Y1629.20

PZ-103

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4/5/2022 9:31:22 AM

*THIS DRAWING IS FOR SCHEMATIC DESIGN PURPOSES ONLY AND IS NOT INTENTED FOR CONSTRUCTION. ACTUAL CONSTRUCTION DRAWINGS, AND SUBSEQUENT CONSTRUCTION MAY DIFFER SIGNIFICANTLY FROM THIS REPRESENTATION.

Attachment B

TINKELMAN ARCHITECTURE
25 Van Wagner Road,
Poughkeepsie,
New York 12603
www.tinkarch.com

CLIENT NAME: OMNI NEW YORK

909 THIRD AVE; 21ST FL.
NEW YORK CITY, NY 10022

PROJECT NAME: ADMIRAL HALSEY II

135 MAIN STREET
POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 18526 STATE OF NEW YORK

EAST ELEVATION
NORTH ELEVATION

Date: 2022.04.26
Project number: Y1629.20

PZ-104

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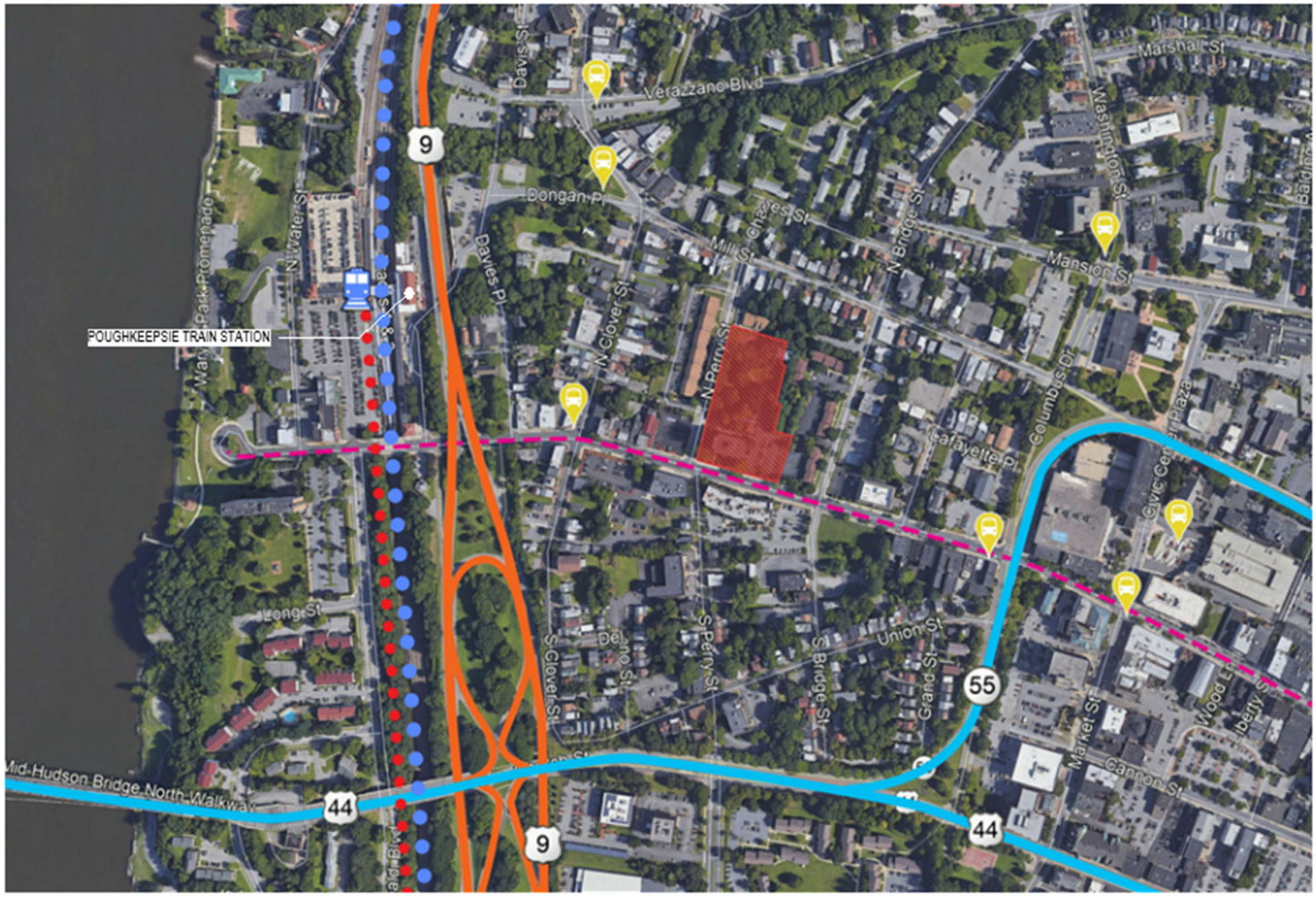
Location of the mechanical units for the Common/Public Spaces.
Location of the mechanical units for the Common/Public Spaces.

ADMIRAL HALSEY TWO –
MAJOR ROADS, HIGHWAYS, RAILROADS & BUS STOPS:



U.S. ROUTE 44 & STATE ROUTE 55
U.S. ROUTE 9
MAIN STREET
AMTRAK RAILROAD
METRO NORTH
BUS STOP
PROJECT SITE LOCATION

N

250 ft 1000 ft

January 4, 2023

City of Poughkeepsie Planning Board
62 Civic Center Plaza, 3rd Floor
Poughkeepsie, NY 12601

RE: Admiral Halsey Phase II
131300-6062-76-911183-0000
135 Main Street
City of Poughkeepsie, NY 12601

Dear Chairman Saylor and Members of the Planning Board,

The following letter is to address the Board's comments and questions raised at the December 20, 2022, Planning Board meeting.

Public Planting Area: Discussion was held regarding the Public Planting Area and the space provided for the activity in this area. A board member raised concern regarding the planting bed location being too shady for the plants to be productive or grow properly.

LRC Response:
Regarding concerns for shade cast over the proposed raised garden beds, by reviewing the long off-season shadows on aerial photos (2016 and 2021) we note that early to mid-morning shadows from trees east of the raised beds (off site) do not extend to over the proposed raised beds. Similarly, the off-season late day shadow cast by the AH1 building barely approaches or encroaches on the proposed raised beds. Recognizing that the off-season shadows are the longest shadows of the year, we know that the length of shadows are considerably shorter and will be of much less of a concern during the growing season when the raised beds are in use, and we think residents can anticipate generally 6 to 8 or more hours of direct sunlight being available to the beds.

LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

85 Civic Center Plaza, Suite 204
Poughkeepsie, NY 12601
Tel: (845) 243-2880
Fax: (845) 265-8175

We look forward to the review of the proposed project at the January 18, 2023, Planning Board meeting. Should you have questions in the meantime please feel free to contact our office.

Sincerely,
LRC Engineering & Surveying, DPC

By: _____
Kenneth F. Casamento

SITE PLAN SUBMISSION SET

FOR

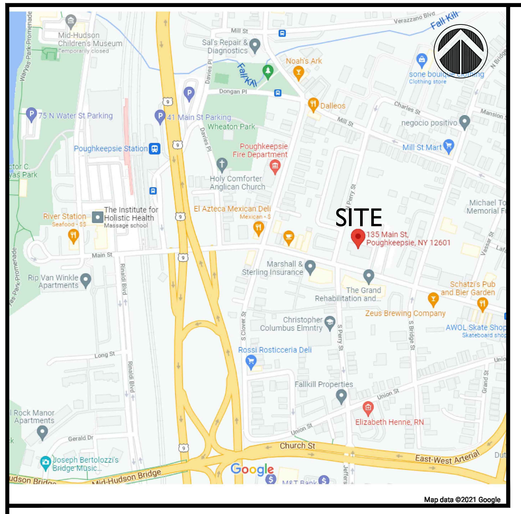
ADMIRAL HALSEY 11

135 MAIN STREET

CITY POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

TAX MAP #6062-76-911183

ORIGINALLY SUBMITTED: JUNE 15, 2021
REVISED: DECEMBER 21, 2021
REVISED:FEBRUARY 28, 2022
REVISED:MARCH 22, 2022
REVISED: NOVEMBER 29, 2022

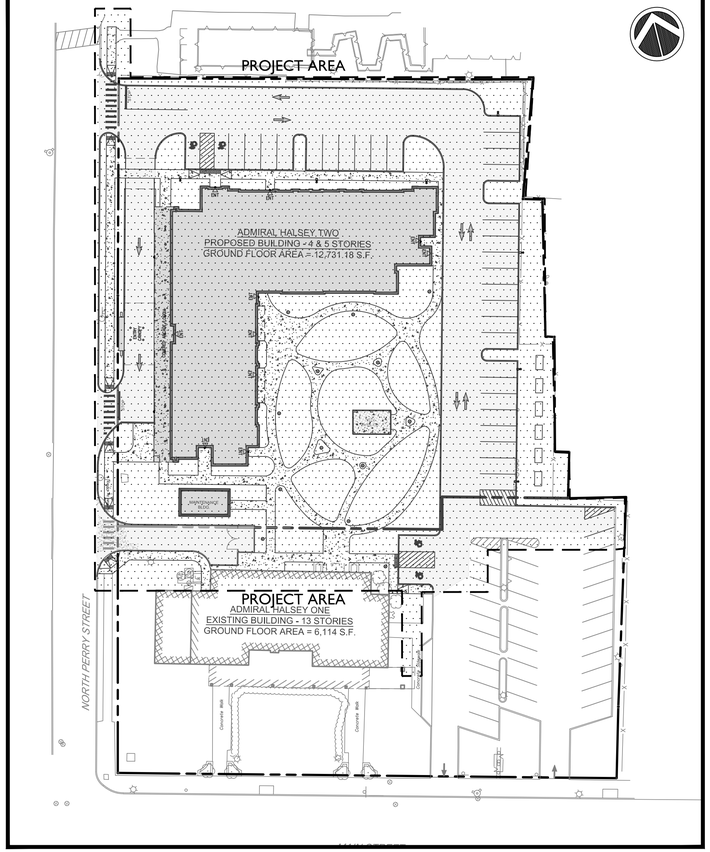


LOCATION MAP

SCALE: 1"=1,000'

VICINITY MAP

SCALE: 1"=200'



OVERALL SITE PLAN

SCALE: 1"=40'

INDEX OF DRAWINGS

CV-1	COVER SHEET
EX-1	EXISTING CONDITIONS
SUB-1	SUBDIVISION PLAT
DM-1	DEMOLITION PLAN
SP-1	SITE PLAN
SG-1	SITE GRADING
SD-1	SITE DRAINAGE
UT-1	UTILITIES PLAN
EC-1	EROSION & SEDIMENTATION CONTROL PLAN
LL-1	LANDSCAPE PLAN
LP-1	SITE LIGHTING PLAN
TT-1	TRUCK TURNING PLAN
NS-1	NOTES SHEET
DN-1	SITE DETAILS
DN-2	SANITARY / WATER DETAILS
DN-3	STORMWATER DETAILS
DN-4	EROSION CONTROL DETAILS

SITE PLANNER / CIVIL ENGINEER:

LRC GROUP

160 West Street, Suite E
Cromwell, CT 06416
Tel: 860.635.2877

85 Civic Center Plaza, Suite 204
Poughkeepsie NY 12601
Tel: 845.243.2880

1 International Blvd, Suite 400
Mahwah, NJ 07495
Tel: 908.603.5730

www.lrcconsult.com

- LAND PLANNING
- CIVIL ENGINEERING
- ENVIRONMENTAL SERVICES
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

LRC Engineering & Surveying, DPC
LRC Engineering and Surveying, LLC
LRC Environmental Services, Inc.

STATE OF NEW YORK — ROBERT E. MORRISON — LICENSED PROFESSIONAL ENGINEER — 074194

Rodney Morrison P.E. #074194

ARCHITECT:

TINKELMAN ARCHITECTURE
33 ARLINGTON AVE., 2ND FLOOR
POUGHKEEPSIE, NEW YORK 12603
(845) 473-0200

TA TINKELMAN ARCHITECTURE
33 Arlington Ave., 2nd Floor
Poughkeepsie,
New York 12603
(8454)73 - 0200
www.tinkarch.com

OWNER / APPLICANT:

OMNI NEW YORK
909 THIRD AVENUE
21ST FLOOR
NEW YORK CITY, NEW YORK 10022
(646) 502-7200

Omni New York LLC

Omni America LLC

CITY PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK
SITE PLAN APPROVAL
FILE NO:
PROJECT NAME:
PROJECT LOCATION:
APPLICANT:
OFFICIALLY APPROVED AT THE PLANNING BOARD
MEETING HELD THE _____DAY OF_____2_____
PLANNING CHAIR:
DESIGNEE:
DATE SIGNED:
CONDITION(S)

FIRE CHIEF

POLICE CHIEF

BUILDING INSPECTOR

CITY ENGINEER

COMMISSIONER OF PUBLIC WORKS

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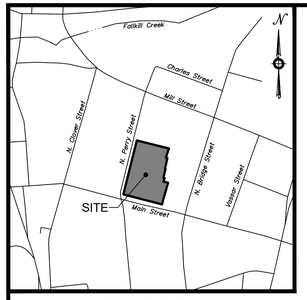


Vicinity Map
Scale: 1"=500'

Map Notes

1. *Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub-division 2, of the New York State Education Law.*
2. *Only copies from the original of this survey marked with an original of the land surveyor's seal shall be considered to be a true copy.*
3. *The above certification shall run only to the person for whom the survey is prepared , and on his behalf to the title company, governmental agency and lending institution. Certifications are not transferable to additional institutions or subsequent owners.*
4. *North Arrow & Bearings are referenced to the North American Datum of 1983 (NAD83) projected onto the New York State Plane East Zone based on field tie-in to map referenced in Note 7A.*
5. *Elevations & Contours are referenced to the North American Vertical Datum of 1988 (NAVD88) based on field tie-in to map referenced in Note 7A.*
6. *Field survey was completed on November 8, 2021.*
7. *Reference is made to the following maps:*
   A. "ALTA/NSPS Land Title Survey Prepared for OMNI New York LLC, City of Poughkeepsie, County of Dutchess, New York", scale 1"=20', dated July 2, 2020, prepared by Chazen Engineering, Land Surveying & Landscape Architecture, Co., D.P.C.
8. *Parcel is identified as Tax Section 6062, Block 76, Lot 911183 on the City of Poughkeepsie Assessor's Map.*
9. *Property is located in Zone "Other Areas – Zone X" (areas determined to be outside the 0.2% annual chance floodplain) as depicted on Flood Insurance Rate Map (FIRM) Panel 0358E, Dutchess County, New York, City of Poughkeepsie, Community Number 360222, Map Number 36027C0358E, effective date: May 2, 2012.*
10. *The subsurface utilities depicted hereon conform to the following Utility Quality Levels, as defined by the American Society of Civil Engineers (ASCE) in Document CI/ASCE 38-02 titled "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data":*
    - *Sanitary Sewer: QLC*
    - *Storm Sewer: QLC*
    - *Water: QLC and QLD*
    - *Natural Gas: QLC and QLD*
    - *Electric: QLC and QLD*
    - *Communications: QLC and QLD*

    The subsurface utilities were compiled from parol evidence, record drawings, and surficial evidence located during the field survey. The Surveyor has not physically exposed the subsurface utilities, and makes no guarantee that the subsurface utilities depicted hereon comprise all such utilities within the surveyed area, either in service or abandoned. The Surveyor further does not warrant or guarantee that the subsurface utilities are in the exact location depicted, though they have been plotted, in accordance with the standard of care, from information available.

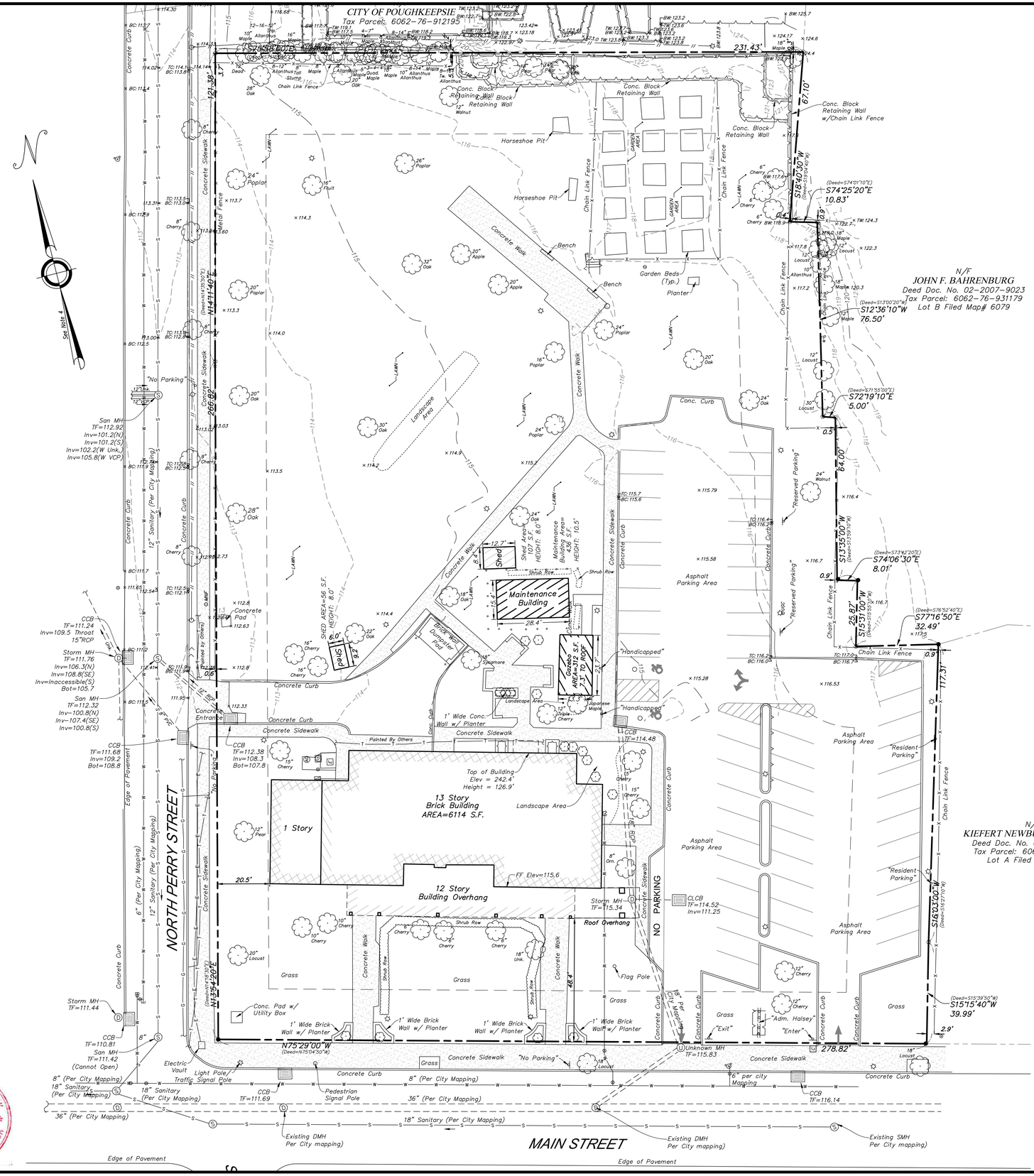
    The contractor is required to utilize the local utility one call system prior to excavation for the purpose of verifying the subsurface utilities in the area.

Certification

I hereby declare this map to be prepared in accordance with the Code of Practice of the New York State Association of Land Surveyors, adopted October, 1996 and revised through July 18, 1997.

JOHN F. WAGENBLATT, L.S. Lic. No. 050,547

STATE OF NEW YORK · JOHN F. WAGENBLATT · 050547 · LICENSED LAND SURVEYOR



Legend

Deed References

Deed Doc. No.
02-2007-7084

Total Parcel Area

2.29 Acres

GRAPHIC SCALE
20 0 10 20 40 80
(FEET)
1 inch = 20 ft.

#	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
6	7/25/2022	REVISED PER COMMENTS
7	09/19/2022	REVISED PER FD COMMENTS
8	11/29/2022	REVISED PER COMMENTS

Revisions

LRC GROUP
- Land Planning
- Civil Engineering
- Environmental Services
- Land Surveying
- Landscape Architecture

160 West Street, Suite E
Cromwell, CT 06416
Tel: 860.635.2877

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Mahwah, NJ 07495
Tel: 908.603.5730

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LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

MAP OF EXISTING CONDITIONS

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	EX21273001.dwg
Drawn	SMC	Project No.	20-2370
Checked	KFC	Date	2021-06-22
Approved	REM	Scale	1"=20'

Sheet No. EX-1

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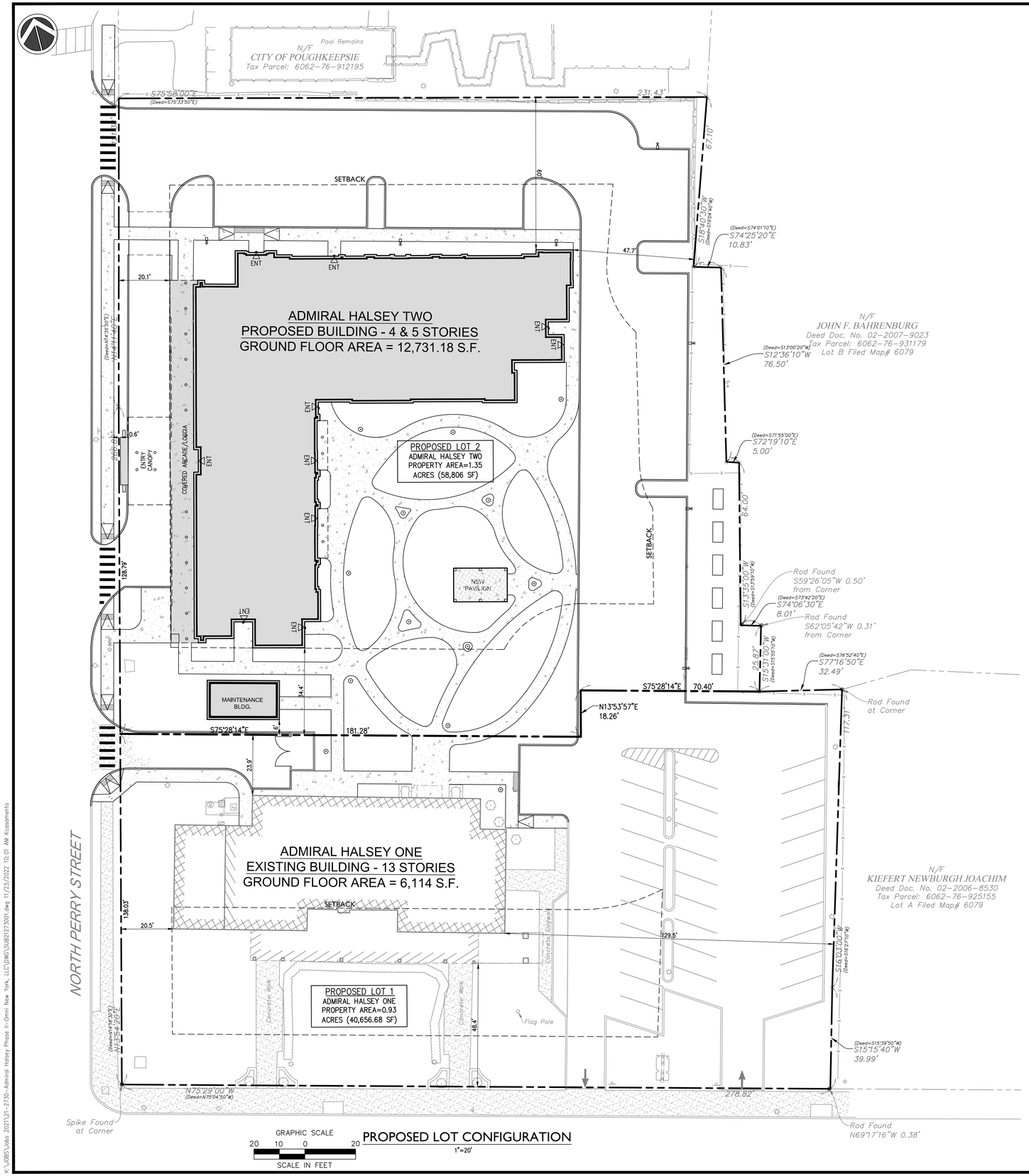

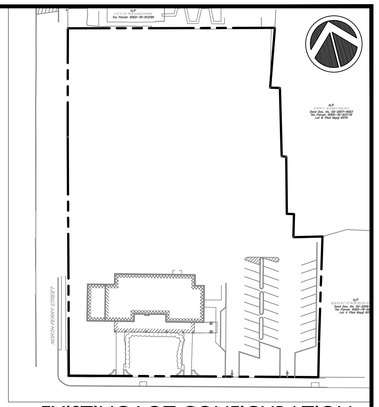

EXISTING LOT CONFIGURATION

1"=80'

GRAPHIC SCALE

80 40 0 80

SCALE IN FEET

LOT AREA CHART

PROPOSED LOT #	AREA
1	40,656.68 SF OR 0.93 AC.
2	58,899.04 SF OR 1.35 AC.
TOTAL	99,555.72 SF OR 2.28 AC.

DUTCHESS COUNTY DEPARTMENT OF HEALTH NOTE

THIS PLAN DOES NOT CONSTITUTE A REALTY SUBDIVISION AS DEFINED BY ARTICLE XI, TITLE II, SECTION 1115, OF THE PUBLIC HEALTH LAW OF THE STATE OF NEW YORK, AND ARTICLE XI OF THE DUTCHESS COUNTY SANITARY CODE.

PERMISSION IS HEREBY GRANTED FOR THE FILING OF THIS MAP WITH THE CLERK OF DUTCHESS COUNTY, APPROVAL FOR ARRANGEMENTS FOR WATER SUPPLY AND / OR SANITARY DISPOSAL IS NEITHER SOUGHT NOR GRANTED.

AUTHORIZED REPRESENTATIVE OF THE COMMISSIONER OF HEALTH

DATE

CITY PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK
SITE PLAN APPROVAL
FILE NO:
PROJECT NAME:
PROJECT LOCATION:
APPLICANT:
OFFICIALLY APPROVED AT THE PLANNING BOARD
MEETING HELD THE _____DAY OF_____2_____
PLANNING CHAIR:
DESIGNEE:
DATE SIGNED:
CONDITION(S)

FIRE CHIEF

POLICE CHIEF

BUILDING INSPECTOR

CITY ENGINEER

COMMISSIONER OF PUBLIC WORKS

OWNER / APPLICANT CERTIFICATION

THE UNDERSIGNED, OWNER/APPLICANT OF THIS PROPERTY SHOWN HEREON, AND THE APPLICANT, HEREBY CERTIFY THAT WE ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND DETAILS, AND HEREBY AGREE TO THE TERMS AND CONDITIONS EXPRESSED HEREON, AND TO FILING OF THIS MAP IN THE OFFICE OF THE DUTCHESS COUNTY CLERK.

OWNER/APPLICANT

DATE

ZONING R-6

#	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
6	7/25/2022	REVISED PER COMMENTS
7	09/19/2022	REVISED PER FD COMMENTS
8	11/29/2022	REVISED PER COMMENTS

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LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

SUBDIVISION PLAT

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	SUB21273001.dwg
Drawn	SMC	Project No.	20-2370
Checked	KFC	Date	2021-06-22
Approved	REM	Scale	AS NOTED

Sheet No. SUB-1

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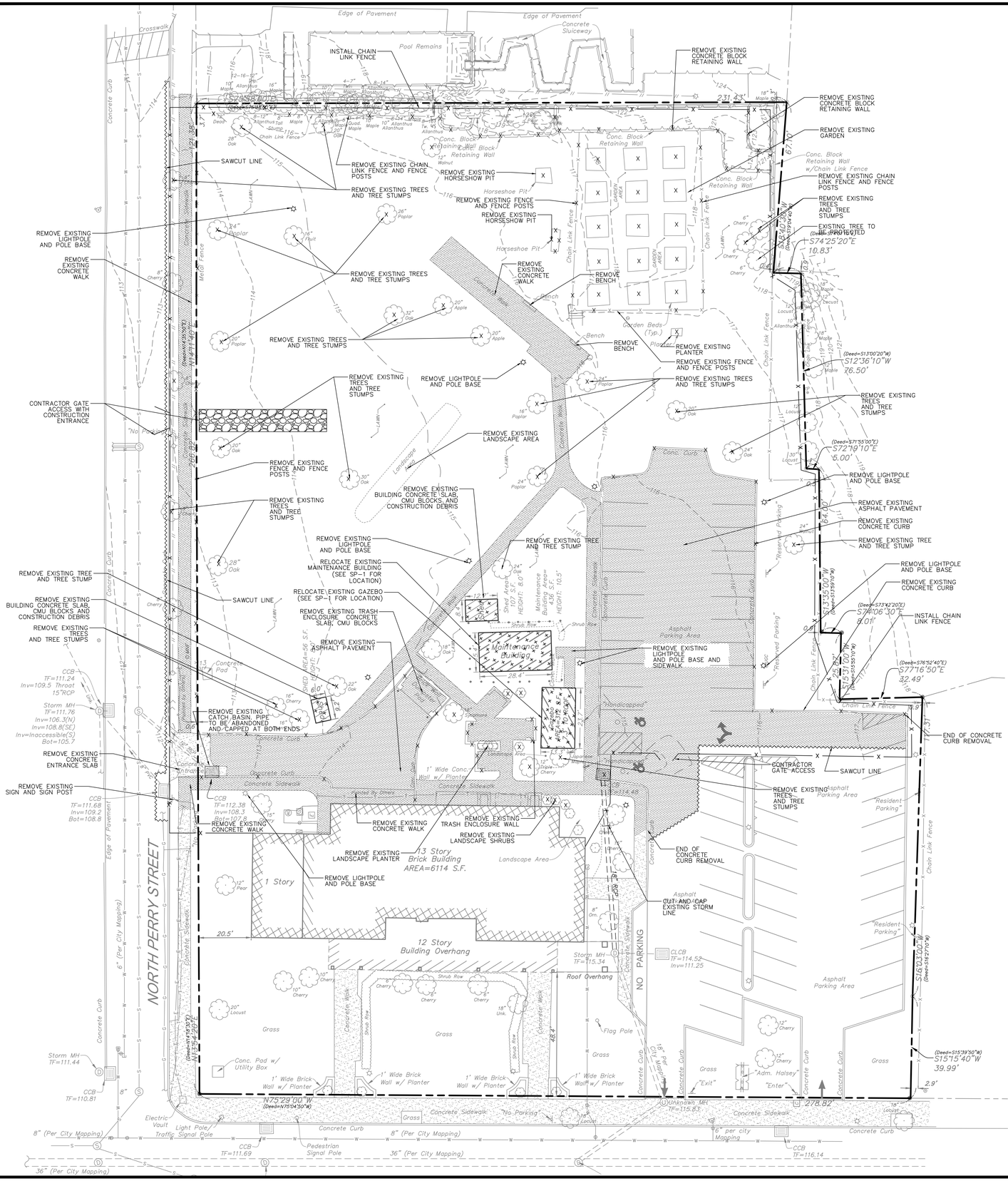

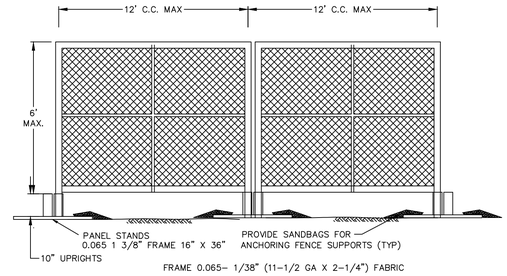

TEMPORARY CHAIN LINK FENCE

NOT TO SCALE

DEMOLITION NOTES:

1. CONTRACTOR SHALL NOTIFY "DIG SAFELY NEW YORK" AT 1-800-962-7692 AT LEAST TWO FULL WORKING DAYS PRIOR TO COMMENCEMENT OF ANY WORK IN ACCORDANCE WITH UFPO CODE RULE 53, 16 NYCRR PART 753.
2. ANY ITEM THAT MAY CONFLICT WITH SITE DEVELOPMENT AND IS NOT IDENTIFIED ON THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND DESIGN ENGINEER AS SOON AS POSSIBLE.
3. ADDITIONAL UNDERGROUND FACILITIES MAY BE PRESENT WITHIN THE LIMITS OF THE PROPOSED WORK. THE CONTRACTOR SHALL CONTACT ANY AND ALL PERSONNEL RESPONSIBLE FOR DETERMINING THE LOCATIONS.
4. PRIOR TO DEMOLISHING ANY BUILDINGS/STRUCTURES, THE CONTRACTOR SHALL PERFORM A PRE-DEMOLITION SURVEY IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS BY THE AUTHORITY HAVING JURISDICTION.
5. CONFORM TO APPLICABLE CODE FOR DEMOLITION OF STRUCTURES, SAFETY OF ADJACENT STRUCTURES, DUST CONTROL, RUNOFF CONTROL, AND HAULING, DISPOSAL AND STORAGE OF DEBRIS.
6. PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES.
7. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION.
8. WHEN DISTURBED, EXISTING FACILITIES SHALL BE REPAIRED OR REPLACED IN KIND AND IN ACCORDANCE WITH THE REQUIREMENTS OR THE DIRECTION OF THE AUTHORITY HAVING JURISDICTION. ASSOCIATED COSTS SHALL BE BORNE BY THE CONTRACTOR.
9. NOTIFY ADJACENT OWNERS OF WORK THAT MAY AFFECT THEIR PROPERTY, POTENTIAL NOISE, UTILITY OUTAGE, OR DISRUPTION. COORDINATE WITH OWNER.
10. PREVENT MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES. PROVIDE BRACING AND SHORING.
11. LOCATE AND IDENTIFY ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA. DISCONNECT AND SEAL OR CAP OFF UTILITY SERVICES THAT WILL BE AFFECTED BY THIS PROJECT. NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS. VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED.
12. DEMOLISH AND REMOVE COMPONENTS IN AN ORDERLY AND CAREFUL MANNER.
13. PROTECT EXISTING FEATURES THAT ARE NOT TO BE DEMOLISHED.
14. CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESS WAY.
15. MAINTAIN EGRESS AND ACCESS AT ALL TIMES. DO NOT CLOSE OR OBSTRUCT ROADWAYS, OR SIDEWALKS WITHOUT PERMITS.
16. CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. NOTIFY AUTHORITY HAVING JURISDICTION.
17. ROUGH GRADE AND COMPACT AREAS AFFECTED BY DEMOLITION TO MAINTAIN SITE GRADES AND CONTOURS.
18. FIELD VERIFY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED ON DEMOLITION PLAN TO DETERMINE EXTENT OF SELECTIVE DEMOLITION REQUIRED.
19. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATION.
20. CONDUCT SELECTIVE DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH WORK.
21. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
22. USE WATER MIST, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT THE SPREAD OF DUST AND DIRT. COMPLY WITH GOVERNING ENVIRONMENTAL PROTECTION REGULATIONS. DO NOT USE WATER WHEN IT MAY DAMAGE EXISTING CONSTRUCTION, SUCH AS ICE, FLOODING, OR POLLUTION.
23. REMOVE, TRANSPORT AND REMOVE DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS AND MEET ALL APPROPRIATE DISPOSAL AND TRUCKING LAWS.
24. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF SELECTIVE DEMOLITION.
25. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. ALL DEBRIS RESULTING FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE AT A FACILITY APPROVED TO RECEIVE THE DEBRIS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. DO NOT BURN DEMOLISHED MATERIALS ON-SITE.
26. NO BLASTING IS PROPOSED FOR THE PROJECT.
27. A MINIMUM OF TEN FEET OF EXISTING PIPE SHALL BE REMOVED AROUND ALL EXISTING MANHOLES, WHERE NEW PIPES ARE PROPOSED TO CONNECT.
28. IF ANY STORM DRYWELLS OR PREVIOUSLY UNIDENTIFIED UNDERGROUND STRUCTURES ARE IDENTIFIED AND EXHIBIT A SEWAGE/SEPTIC ODOR NOTIFY SITE ENGINEER AND TREAT AS SANITARY WASTE FOR DISPOSAL.

DEMOLITION LEGEND:

X X X X X X X	ITEM(S) TO BE REMOVED
	BUILDING / STRUCTURE TO BE REMOVED
	PAVEMENT / CONCRETE WALK TO BE REMOVED
	APPROXIMATE SAWCUT LINE

GRAPHIC SCALE
20 10 0 20
SCALE IN FEET

STATE OF NEW YORK RODNEY E. MORRISON LICENSED PROFESSIONAL ENGINEER 071494

#	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
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Revisions

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www.lrcconsult.com
LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

DEMOLITION PLAN

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	DM21273001.dwg
Drawn	SMC	Project No.	20-2370
Checked	KFC	Date	2021-06-22
Approved	REM	Scale	1"=20'

Sheet No. DM-1

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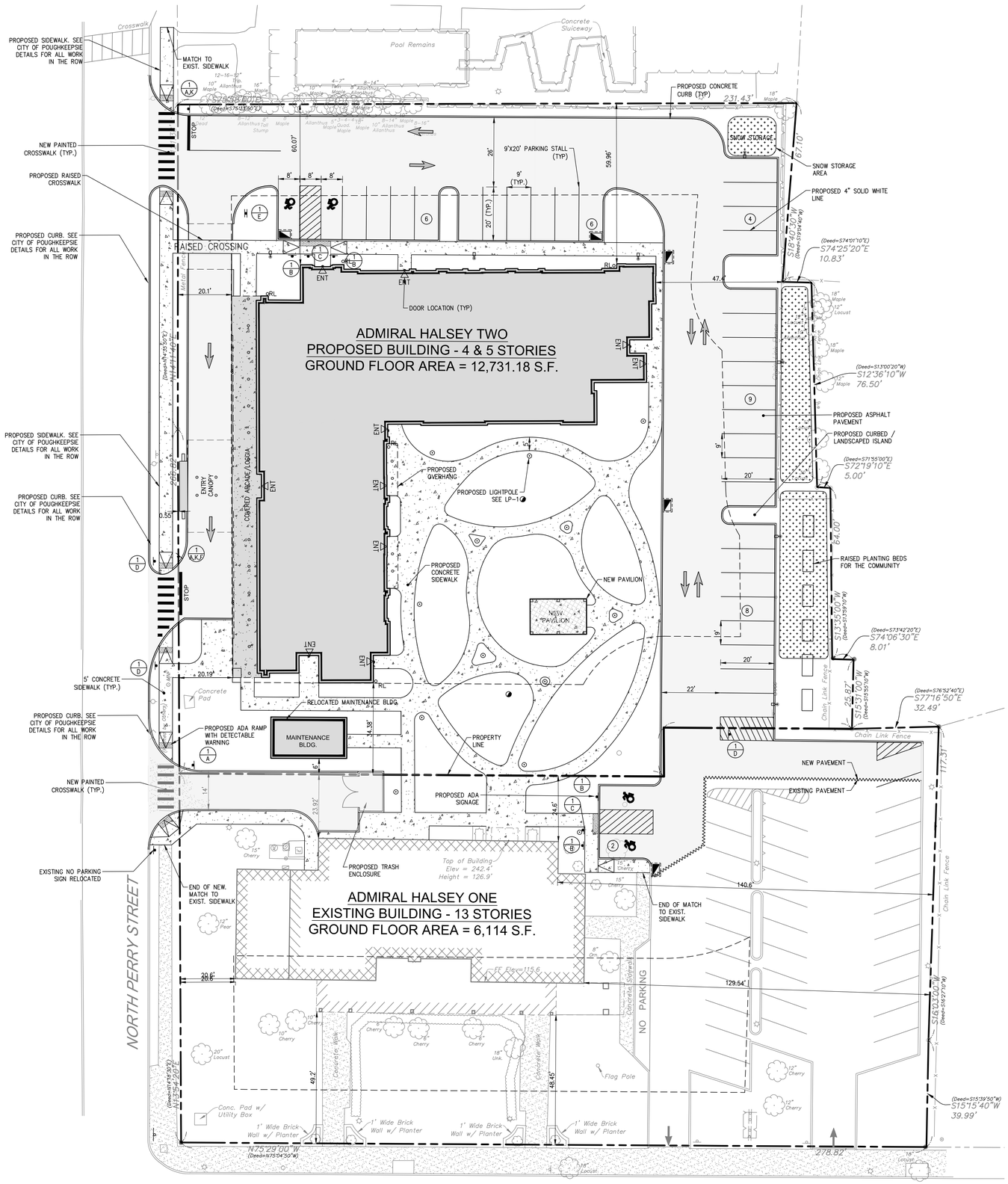

ZONING SUMMARY TABLE
ADMIRAL HALSEY ONE (PROPOSED LOT 1)

ZONING INFORMATION		
ASSESSOR'S LOCATION	6162-76-911183	
ZONING DISTRICT	R-6 DISTRICT	
ITEM	REQUIRED	PROPOSED
MINIMUM LOT AREA (1)	2.19 ACRES (95,200 SF)	0.93 ACRES ** (40,663.84 SF)
MINIMUM LOT WIDTH	100 FT	278.82 FT
MINIMUM FRONTAGE	100 FT	278.82 FT
BUILDING SETBACKS FRONT YARD #1 (MAIN ST) FRONT YARD #2 (N. PERRY) SIDE YARD REAR YARD	 20 FT 20 FT 68.04 FT 68.04 FT	 48.45 FT 20.60 FT 129.54FT 23.92 FT **
MAXIMUM BUILDING HEIGHT (STORIES)	NONE	13
MAXIMUM LOT COVERAGE (%)	70%	19.3% BLDG/ 64.5% IMP. TOTAL
MINIMUM USEABLE OPEN SPACE (3)	0.82 ACRES (35,700 SFT)	0.36 ACRES ** (16,026 SF)
DISTANCE BETWEEN BUILDINGS ON ONE SITE	N/A	N/A
PARKING	66 SPACES	35 SPACES **

(1) MINIMUM LOT AREA CALCULATION:
EXISTING BUILDING
STUDIO APARTMENTS 0x800 SF = 0 SF
1 BEDROOM APARTMENTS: 119x800 SF = 95,200 SF
2 BEDROOM APARTMENT: 0x1200 SF = 0 SF
TOTAL REQUIRED LOT AREA = 95,200 SF (2.19 ACRES)

(2) REAR AND SIDE YARD SETBACKS ARE CALCULATED BASED ON ONE HALF OF THE BUILDING HEIGHT.

(3) MINIMUM USEABLE OPEN SPACE CALCULATION REQUIREMENT:
EXISTING BUILDING:
STUDIO 0x200 SF = 0 SF
1 BEDROOM: 119x300 SF = 35,700 SF
2 BEDROOM: 0x400 SF = 0 SF
TOTAL REQUIRED MIN. USEABLE OPEN SPACE = 35,700 SF (0.82 ACRES)

PARKING CALCULATION

FOR DWELLINGS DESIGNED TO OCCUPIED A LEAST 90% BY PERSONS 62 YEARS OF AGE OR OLDER, 0.5 SPACES PER APARTMENT

EXISTING BUILDING
# OF 1 BEDROOM UNITS = 119 = 119 x 0.5 = 60 SPACES
TOTAL = 60 SPACES REQUIRED

VISITOR: 10% OF 60 SPACES = 6 SPACES

TOTAL SPACES REQUIRED = 66 SPACES

**REQUIRED VARIANCES

1. SECTION 19-3.17(4)(a) - MINIMUM LOT AREA
REQUIRED MINIMUM LOT AREA = 2.19 ACRES
PROVIDED MINIMUM LOT AREA = 0.93 ACRES
VARIANCE REQUIRED = 1.26 ACRES

2. SECTION 19-3.17(4)(f)(1) - MINIMUM REAR YARD SETBACKS
REQUIRED REAR YARD SETBACK = 68.04 FT
PROVIDED REAR YARD SETBACK = 23.92 FT
VARIANCE REQUIRED =44.12 FT

3. SECTION 19-3.15(4)(i) - REQUIRED OPEN SPACE
REQUIRED OPEN SPACE = 35,700 SF
PROVIDED OPEN SPACE = 16,026 SF
VARIANCE REQUIRED = 19,674 SF

3a. SECTION 19-4.13 ACCESSORY USE FRONT YARD
OPEN SPACE FRONT YARD = 12,215 SF
VARIANCE REQUIRED = 12,215 SF

4. SECTION 19-4.3 - OFF-STREET PARKING
REQUIRED PARKING SPACES = 66 SPACES
PROVIDED PARKING SPACES = 35 SPACES
VARIANCE REQUIRED = 31 SPACES

SEE SHEET DN-4 FOR OPEN SPACE PLAN

ZONING SUMMARY TABLE
ADMIRAL HALSEY TWO (PROPOSED LOT 2)

ZONING INFORMATION		
ASSESSOR'S LOCATION	MAP XX BLOCK XX LOT XX	
ZONING DISTRICT	R-6 DISTRICT	
ITEM	REQUIRED	PROPOSED
MINIMUM LOT AREA (1)	1.33 ACRES (57,600 SF)	1.35 ACRES (58,883.43 SF)
MINIMUM LOT WIDTH	100 FT	250.16 FT
MINIMUM FRONTAGE	100 FT	250.16 FT
BUILDING SETBACKS FRONT YARD #1 (N. PERRY) FRONT YARD #2 (N. PERRY) SIDE YARD (2) SIDE YARD (2) (MAINT. BLDG) REAR YARD (2)	 20 FT 20 FT 34.18 FT 6 FT 34.18 FT	 0.55 FT (CANOPY NEW BUILDING)** 20.1 FT (NEW BUILDING) 59.96 FT 6 FT 47.4 FT
MAXIMUM BUILDING HEIGHT (STORIES)	NONE	4/5
MAXIMUM LOT COVERAGE (%)	70%	24.4% BLDG / 67.4% TOTAL IMP.
MINIMUM USEABLE OPEN SPACE (3)	0.44 ACRES (19,200 SFT)	0.46 ACRES (20,154 SF)
DISTANCE BETWEEN BUILDINGS ON ONE SITE	N/A	N/A
PARKING	40 SPACES	33 SPACES

(1) MINIMUM LOT AREA CALCULATION:
EXISTING BUILDING
STUDIO APARTMENTS 24x800 SF = 19,200 SF
1 BEDROOM APARTMENTS: 48x800 SF = 38,400 SF
2 BEDROOM APARTMENT: 0x1200 SF = 0 SF
TOTAL REQUIRED LOT AREA = 57,600 SF (1.33 ACRES)

(2). REAR AND SIDE YARD SETBACKS ARE CALCULATED BASED ON ONE HALF OF THE BUILDING HEIGHT.

(3) MINIMUM USEABLE OPEN SPACE CALCULATION REQUIREMENT:
EXISTING BUILDING:
STUDIO 24x200 SF = 4,800 SF
1 BEDROOM: 48x300 SF = 14,400 SF
2 BEDROOM: 0x400 SF = 0 SF
TOTAL REQUIRED MIN. USEABLE OPEN SPACE = 19,200 SF (0.44 ACRES)

PARKING CALCULATION

FOR DWELLINGS DESIGNED TO OCCUPIED A LEAST 90% BY PERSONS 62 YEARS OF AGE OR OLDER, 0.5 SPACES PER APARTMENT
PROPOSED BUILDING
# OF STUDIO UNITS = 24 = 24 x 0.5 = 12 SPACES
# OF 1 BEDROOM UNITS = 48 = 48 x 0.5 = 24 SPACES
TOTAL = 36 SPACES REQUIRED
VISITOR: 10% OF 36 SPACES = 3.6 SPACES= 4 SPACES
TOTAL SPACES REQUIRED = 40 SPACES

**REQUIRED VARIANCES

1. SECTION 19-3.17(4)(e) - MINIMUM FRONT YARD SETBACKS
REQUIRED FRONT YARD SETBACK = 20 FT
PROVIDED FRONT YARD SETBACK = 0.55 FT - NEW BUILDING CANOPY
VARIANCE REQUIRED = 19.45 FT

2. SECTION 19-4.3 - OFF-STREET PARKING
REQUIRED PARKING SPACES = 40 SPACES
PROVIDED PARKING SPACES = 33 SPACES
VARIANCE REQUIRED = 7 SPACES

SIGN LEGEND

NO.	LEGEND	QTY.
A	STOP	3
B	RESERVED PARKING	4
C	NO PARKING ANYTIME	2
D	DO NOT ENTER	3
E	ONE WAY	1
F	ONE WAY	1
K	NO RIGHT TURN	2

GRAPHIC SCALE
20 10 0 20
SCALE IN FEET

STATE OF NEW YORK
ROBERT E MORRISON
074154
LICENSED PROFESSIONAL ENGINEER

No.	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
6	7/25/2022	REVISED PER COMMENTS
7	09/19/2022	REVISED PER FD COMMENTS
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SITE PLAN

ADMIRAL HALSEY II
135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	SP21273001.dwg	Sheet No.
Drawn	SMC	Project No.	20-2370	SP-1
Checked	KFC	Date	2021-06-22	
Approved	REM	Scale	1"=20'	

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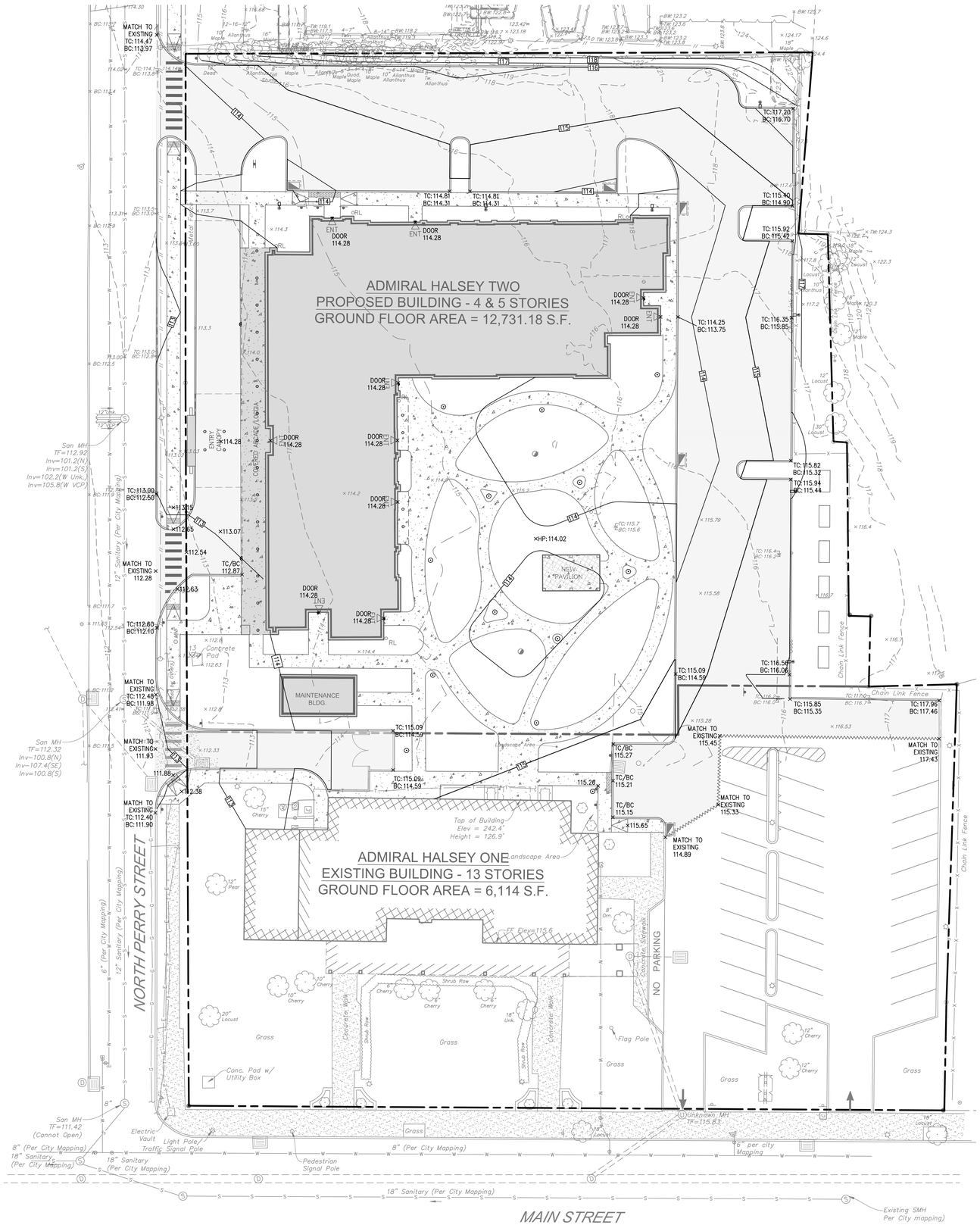

COMPACTION AND BACKFILL NOTES

UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE SITE ENGINEER, ALL SITE SUBGRADE AND BACKFILL FOR ALL STRUCTURES INCLUDING, BUT NOT LIMITED TO, PARKING LOT SUBGRADE, ROAD SUBGRADE, CONCRETE PADS AND SIDEWALKS, WATER LINES AND STRUCTURES, SEWER LINES AND STRUCTURES, STORM LINES AND STRUCTURES, TRASH PADS/ENCLOSURES, AND SITE ELECTRICAL AND CONDUIT, SHALL BE COMPACTED IN ACCORDANCE WITH THE FOLLOWING STANDARD.

METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED MAY 1, 2008, AND ALL ADDENDA THERETO

GRADING AND DRAINAGE NOTES

1. ALL EXISTING STRUCTURES NOTED TO BE REMOVED, FENCING, TREES, ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES.
2. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
3. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.

LEGEND

- PROPOSED ASPHALT
- X 162 — PROPOSED SPOT ELEVATION
- 162 — PROPOSED MINOR CONTOUR LINE
- 160 — PROPOSED MAJOR CONTOUR LINE

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STATE OF NEW YORK · RODNEY E. MORRISON · LICENSED PROFESSIONAL ENGINEER · 074154

SITE GRADING PLAN

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	SG21273001.dwg
Drawn	SMC	Project No.	20-2370
Checked	KFC	Date	2021-06-22
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Sheet No. SG-1

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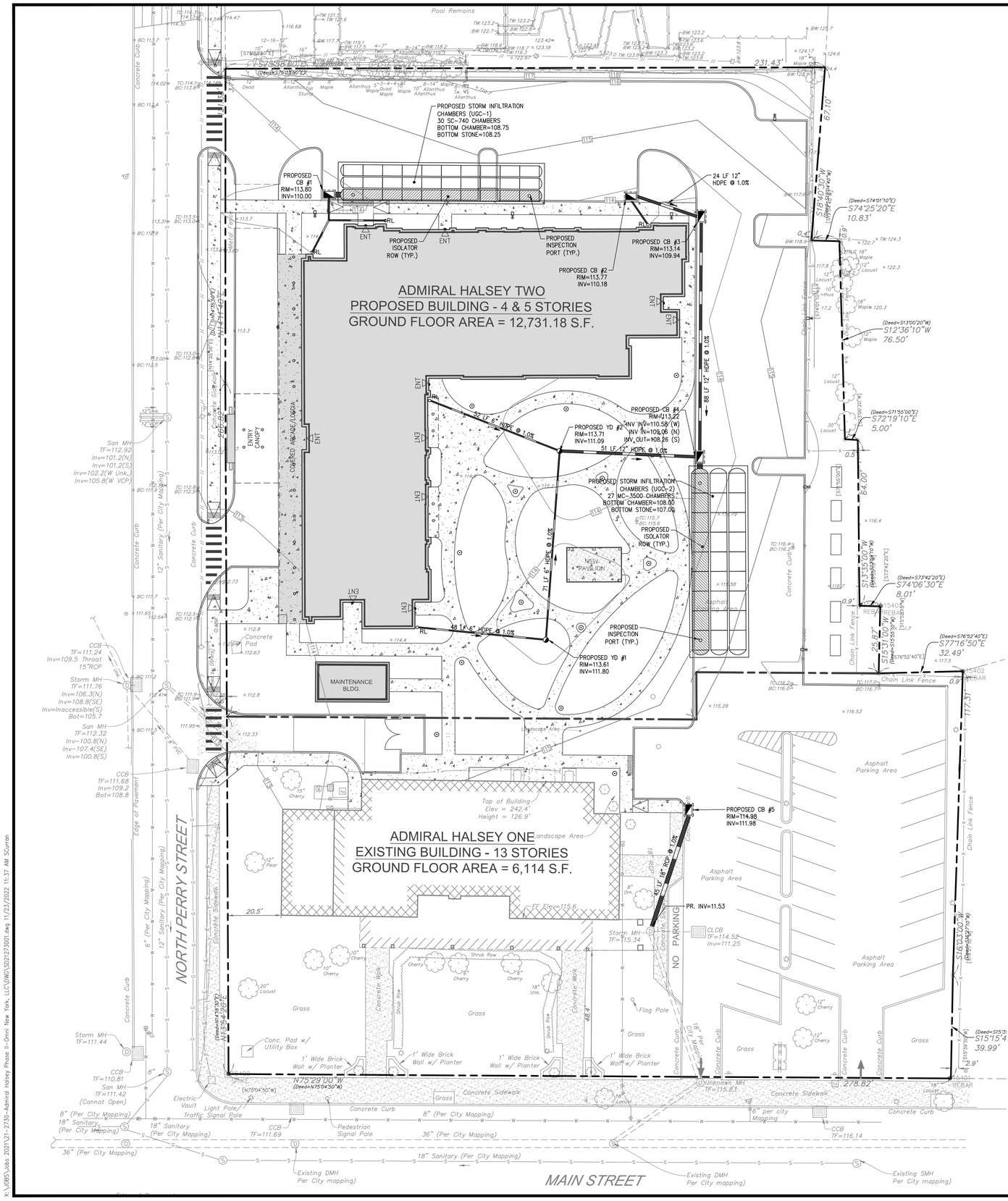

LEGEND

PROPOSED ASPHALT

PROPOSED STORM PIPE

GRAPHIC SCALE

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STATE OF NEW YORK
RODNEY E. MORRISON
074194
LICENSED PROFESSIONAL ENGINEER

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SITE DRAINAGE PLAN

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

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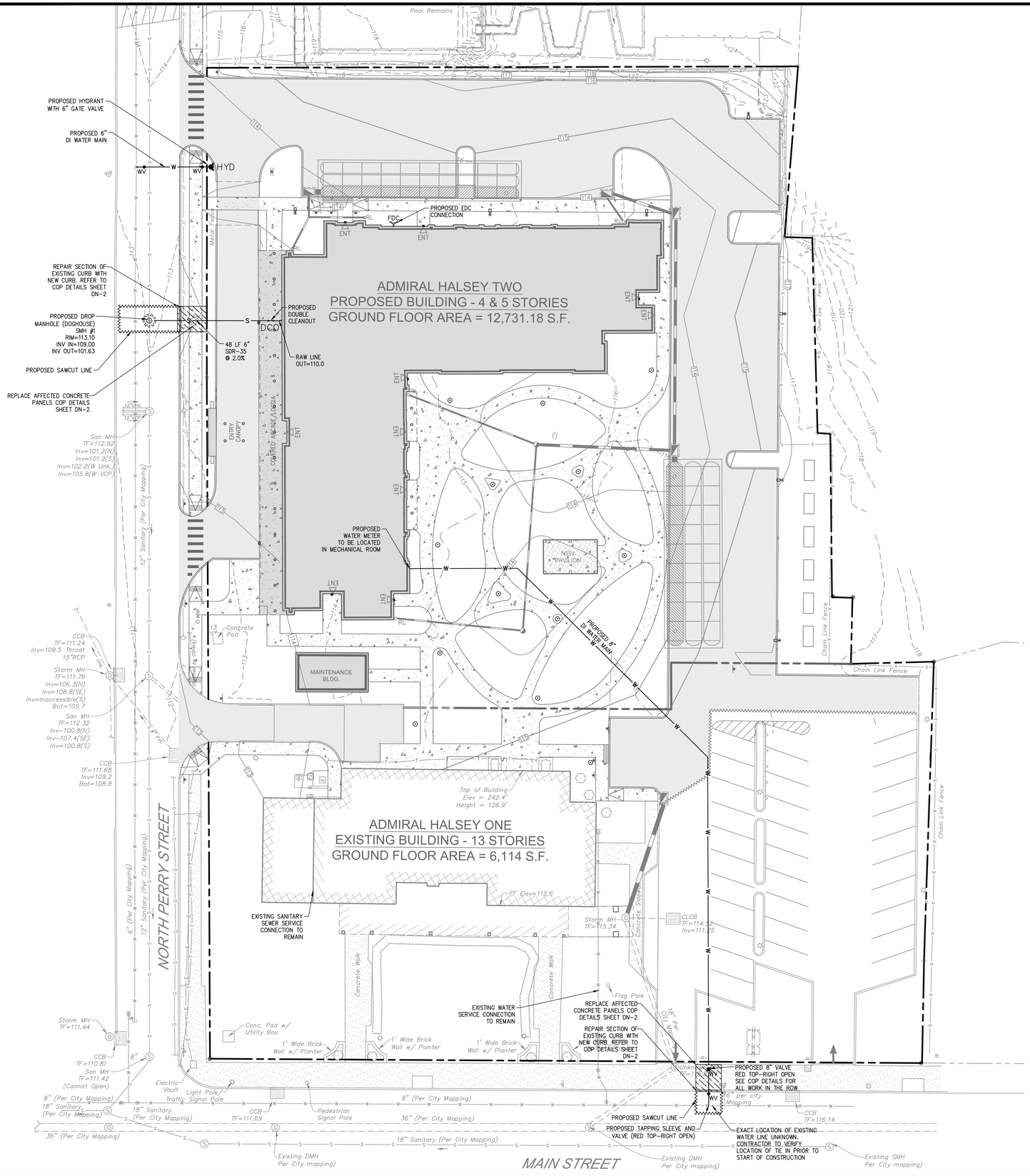

LEGEND

- S — PROPOSED SANITARY SERVICE
- W — PROPOSED WATER SERVICE
- DCO — PROPOSED DOUBLE SANITARY CLEANOUT
- WV — PROPOSED WATER SHUT OFF VALVE
- PROPOSED SANITARY MANHOLE
- PROPOSED SAWCUT LINE

CONTRACTOR NOTES

1. BACKFLOW PREVENTION IS REQUIRED FOR BOTH THE FIRE AND DOMESTIC WATER SERVICE CONNECTIONS.
2. TAPPING SLEEVE VALVE AND CURB VALVE IN THE STREET ARE TO BE RIGHT OPEN PER CITY OF POUGHKEEPSIE DPW REQUIREMENTS.

SEE NS-1 FOR WATER / SEWER NOTES

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UTILITIES PLAN

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

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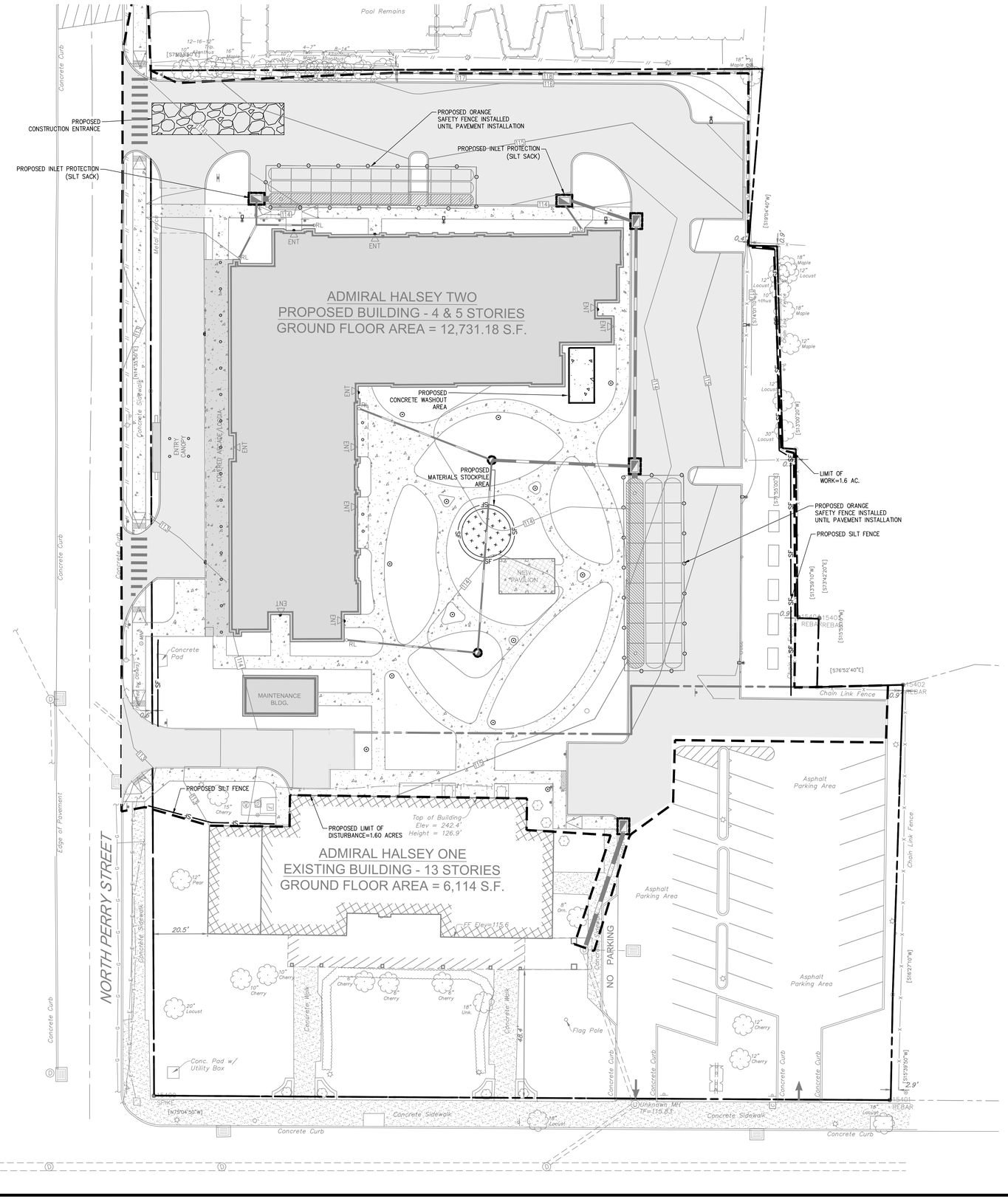

CITY OF POUGHKEEPSIE EROSION AND SILTATION CONTROL NOTES

1. All unvegetated areas in excess of 10%, per direction of the Engineer, shall have temporary seeding of fast germinating rye, 10 to 15 #'s per 1,000 sq. ft.
2. Graded areas – upper elevations: Provide temporary drainage swales, 1% grade min., to direct runoff away from construction sites. Discharge areas to be acceptable to the Engineer.
3. Graded areas – lower elevations: Provide drainage swales, 1% min. grades, with staked and secured hay bale siltation. Location of hay bales and discharge areas per approval of Engineer.
4. Permanent seeded areas for erosion control: Mixture of perennial rye and blue and red fescue grasses (50/50), 15 to 25 #'s per 1,000 sq. ft., mulching at 5#'s per 1,000 sq. ft., fertilizer – 5.10.5 at 5#'s per 1,000 sq. ft. (if determined necessary by Engineer), with pegging and netting for grades in excess of 15%.
5. All permanent drainage interceptor swales to be seeded per Item 4 also.
6. All erosion control shall be in accordance with the latest "Urban Erosion and Sediment Control Guidebook" of the Dutchess County Soil and Water Conservation District.
7. All areas shall be seeded and mulched as soon as possible.
8. Grade as needed and feasible to permit the use of conventional equipment for seed bed preparation, seeding and mulch application.
9. Scarify all compacted soils prior to applying topsoil.
10. Apply topsoil per Standard #6 Table 6.1 of the Soil Erosion Control Guide Book.
11. Seed mix shall be as follows:
    Ky. Blue grass 20 lbs/ac.
    Creeping Red Fescue 40 lbs/ac.

LEGEND

- SF — PROPOSED SILT FENCE
- CE — PROPOSED CONSTRUCTION ENTRANCE
- PROPOSED INLET PROTECTION (SILT SACKS)
- PROPOSED SOIL MATERIALS STOCKPILE AREA WITH SILT FENCE IN LANDSCAPED AREAS. STOCKPILE IN ASPHALT AREAS SHALL HAVE A TARP COVERING AND MUST BE ANCHORED PROPERLY TO NOT LET SEDIMENT ESCAPE.

EROSION AND SEDIMENT CONTROL PLAN

1. LAND DISTURBANCE WILL BE KEPT TO A MINIMUM; RESTABILIZATION WILL BE SCHEDULED AS SOON AS PRACTICABLE.

2. SILTATION FENCE WILL BE INSTALLED AT ALL CULVERT OUTLETS AND ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.

3. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE NEW YORK STATE EROSION & SEDIMENT CONTROL "BLUE BOOK" 2005.

4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION WHENEVER POSSIBLE.

5. ALL CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.

6. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED.

7. SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.

8. DUST CONTROL AND ANTI–TRACKING MAINTENANCE TO BE ADDRESSED AND RESOLVED ON A DAILY BASIS.

INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES

I. SILTATION FENCE

A. DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.

B. POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 2.0 FEET INTO THE GROUND.

C. LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN–OFF.

D. BACKFILL THE TRENCH AND COMPACT.

OPERATION AND MAINTENANCE OF SEDIMENTATION AND EROSION CONTROL MEASURES

I. SILTATION FENCE

ALL SILTATION FENCES SHALL BE INSPECTED ONCE EVERY SEVEN DAYS. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.

SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED A HEIGHT OF ONE FOOT.

II. INLET PROTECTION

ALL INLET PROTECTION DEVICES SHALL BE INSPECTED DAILY BY THE QUALIFIED INSPECTOR TO ENSURE THAT SEDIMENT IS NOT ENTERING ANY STORM DRAIN INLETS. PROTECTION DEVICES ARE TO BE REPAIRED AND/OR REPLACED IF NOT FUNCTIONING AS DESIGNED.

TEMPORARY VEGETATIVE STABILIZATION

1. ESTABLISHMENT OF TEMPORARY STANDS OF GRASS BY SEEDING AND MULCHING EXPOSED SOILS THAT WILL BE EXPOSED. SEED BARE SOIL WITHIN SEVEN (7) DAYS OF EXPOSURE, UNLESS CONSTRUCTION WILL BEGIN WITHIN FOURTEEN (14) DAYS. IF CONSTRUCTION IS SUSPENDED, OR SECTIONS COMPLETED, AREAS SHOULD BE SEEDED DOWN OR MULCHED DOWN IMMEDIATELY. THIS WILL TEMPORARILY STABILIZE THE SOIL WITH A VEGETATIVE COVER THAT WILL PREVENT DAMAGE FROM WIND AND WATER EROSION AND SEDIMENTATION.

2. INSTALLATION: FERTILIZING, SEEDING, AND MULCHING WILL BE USED AS A TEMPORARY E&S CONTROL MEASURE ON ALL NON–PAVED DISTURBED AREAS. EXPOSED SOILS NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL BE SEEDED OR COVERED BY MULCH WITHIN 7 DAYS, INCLUDING STOCKPILED SOIL MATERIALS. WITH REGARD TO THE TEMPORARY SEED MIX, REFER TO THE SEEDING MIXTURE TABLE PROVIDED ON THE E&S CONTROL PLAN DETAIL SHEET.

3. OPERATIONS AND MAINTENANCE: INSPECT SEEDED AREA AT LEAST ONCE A WEEK FOR SEED AND MULCH MOVEMENT AND RILL EROSION. WHERE SEED HAS MOVED OR WHERE SOIL EROSION HAS OCCURRED, DETERMINE CAUSE OF THE FAILURE. BIRD FEEDING MAY BE A PROBLEM IF MULCH WAS APPLIED TOO THINLY TO PROTECT SEED. RE–SEED AND RE–MULCH. IF MOVEMENT WAS A RESULT OF WIND, REPAIR EROSION DAMAGE, REAPPLY SEED, MULCH AND APPLY MULCH ANCHORING. IF FAILURE WAS CAUSED BY CONCENTRATED RUNOFF, INSTALL ADDITIONAL MEASURES TO CONTROL WATER AND SEDIMENT MOVEMENT, REPAIR EROSION DAMAGE, RE–SEED AND RE–APPLY MULCH WITH ANCHORING OR USE EROSION CONTROL BLANKET.

SEEDING AND MULCHING

ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN 7 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE SEEDING AND MULCHING. DISTURBED AREAS SHALL BE LIMITED AND BE COVERED WITH A LAYER OF TOPSOIL PRIOR TO SEEDING. SEEDING WILL BE INSPECTED FOR BARE SPOTS, WASH OUTS, AND HEALTHY GROWTH. IF REQUIRED ADDITIONAL SEEDING SHALL BE PERFORMED. THE SEED MIX SPECIFIED FOR THIS SITE IS FROM THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, TABLE 3.2 (SITE CHOICE 1B) WHICH IS AS FOLLOWS:

SPECIES (% by weight)	Pure Live Seed Values lbs/1000SF	lbs/acre
15% fine fescue	2.0 – 2.6	85 – 114
20% perrenial ryegrass	0.6 – 0.8	26 – 35
65% kentucky bluegrass blend	0.4 – 1.6	19 – 26
	3.0 – 4.0	130 – 175

GRAPHIC SCALE
20 10 0 20
SCALE IN FEET

STATE OF NEW YORK
RODNEY E. MORRISON
LICENSED PROFESSIONAL ENGINEER
071154

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EROSION AND SEDIMENTATION CONTROL PLAN

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

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Sheet No. EC-1

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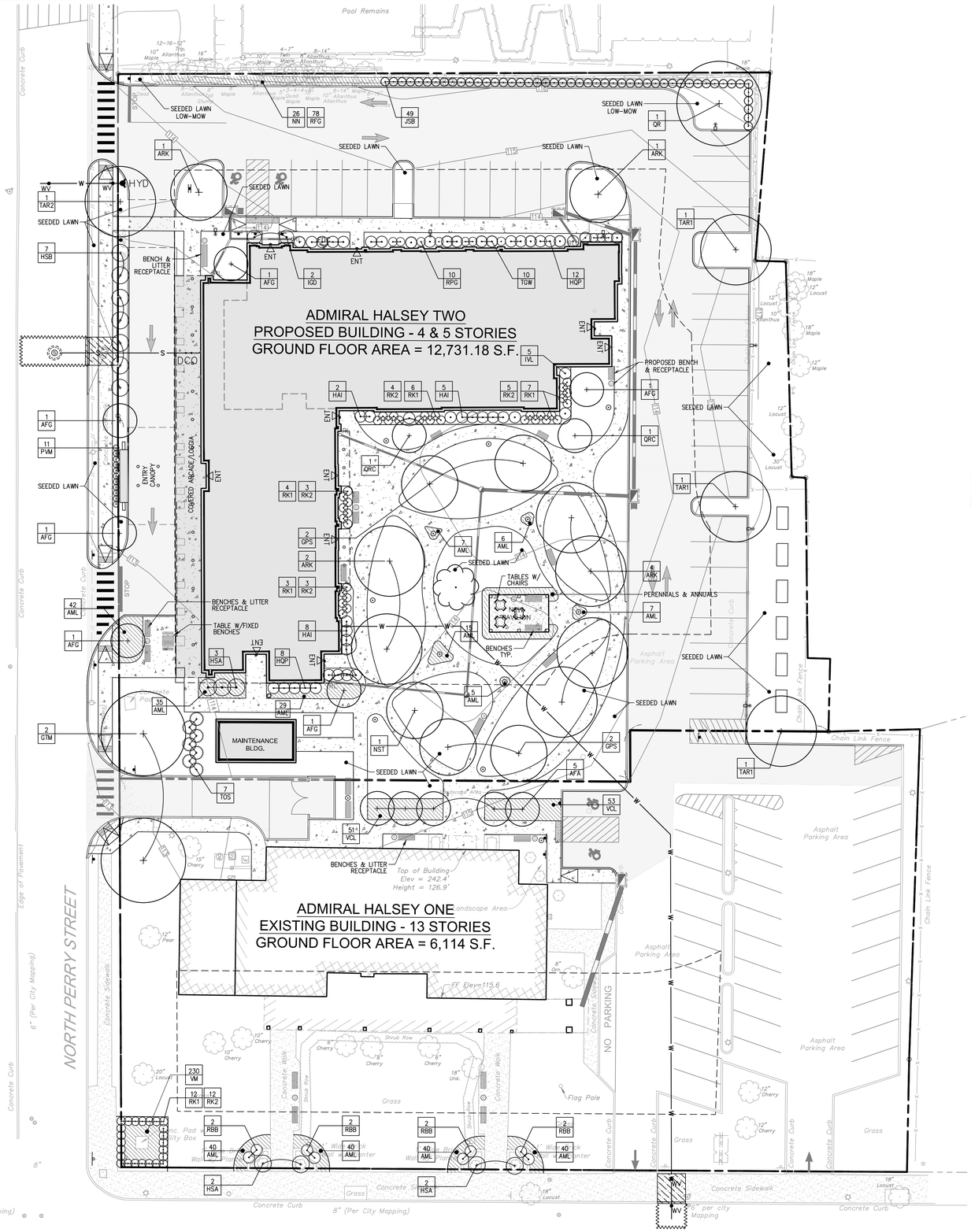


PLANT LIST:

	CODE	QTY.	BOTANICAL NAME	COMMON NAME	ROOT	SIZE INSTALLED	SIZE MATURE	COMMENTS
TREES:	ARK	8	ACER RUBRUM 'KARPICK'	KARPICK RED MAPLE	B&B	2.5–3" cal.	20x40' ht.	Narrow Pyramidal Crown
	AFA	5	ACER x FREEMANII 'ARMSTRONG'	ARMSTRONG RED MAPLE	B&B	2.5–3" cal.	15x50' ht.	Narrow Upright habit
	AFG	6	ACER x FREEMANII 'ARMSTRONG GOLD'	ARMSTRONG GOLD RED MAPLE	B&B	2.5–3" cal.	15x40' ht.	Narrow Upright habit
	GPS	4	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO TREE (MALE)	B&B	2.5–3" cal.	20x40–50'	
	GTM	2	GLEDITSIA T. INERMIS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	B&B	3–3.5" cal.	60' ht.	
	NST	1	NYSSA SYLVATICA 'TUPELO TOWER'	TUPELO TOWER BLACK GUM	B&B	2–2.5" cal.	20'x40' ht.	
	QR	1	QUERCUS RUBRA	NORTHERN RED OAK	B&B	2.5–3" cal.	75' ht.	
	QRC	2	QUERCUS ROBUR x ALBA 'CRIMSCHMIDT'	CRIMSON SPIRE RED OAK	B&B	2.5–3" cal.	20x45' ht.	
	TAR1	3	TILIA AMERICANA 'REDMOND'	REDMOND LINDEN	B&B	2.5–3" cal.	25x50' ht.	
	TAR2	1	TILIA AMERICANA 'REDMOND'	REDMOND LINDEN	B&B	3–3.5" cal.	25x50' ht.	
	TOS	7	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD AMERICAN ARBORVITAE	B&B	7–8' HT.	5'x15'	
SHRUBS:	AML	306	ARONIA MEL. LOW SCAPE MOUND	LOW SCAPE MOUND CHOKEBERRY	CONT.	#1	12–24" ht.	2' o.c.
	HAI	15	HYD. ARBORESCENS INVINCIBLE SPIRIT II	SMOOTH HYDRANGEA	CONT.	24–30" ht.	3–4' ht.	Pink
	HQP	17	HYDRANGEA QUERCIFOLIA 'PEEWEE'	PEE WEE OAKLEAF HYDRANGEA	CONT.	24–30" ht.	3–5' ht.	White; Burgundy fall
	HSA	7	HIBISCUS SYRIACUS 'ARDENS'	ROSE OF SHARON	B&B	36–42" ht.	8–10' ht.	Double Rosy Purple
	HSB	7	HIBISCUS SYRIACUS 'BLUE SATIN'	ROSE OF SHARON	B&B	36–42" ht.	8–10' ht.	Single Royal Blue
	IVL	5	ITEA VIRGINICA 'LITTLE HENRY'	LITTLE HENRY SWEETSPIRE	CONT.	24" ht. min.	3–6' ht.	
	JSB	49	JUNIPERUS SCOPULORUM 'BLUE ARROW'	BLUE ARROW JUNIPER	CONT.	36"–42" ht.	2–3'Wx12'H	
	MPS	2	MORELLA PENSYLVANICA 'SILVER SPRITE'	SILVER SPRITE BAYBERRY	CONT.	24" min.ht.	3–5' ht.	
	RK1	32	ROSA 'RADRAZZ'	KNOCK OUT ROSE	CONT.	24" ht. min.	3–4' ht.	30" o.c.; Red
	RK2	27	ROSA 'RADCOR'	RAINBOW KNOCK OUT ROSE	CONT.	24" ht. min.	3–4' ht.	30" o.c.; Pink
	RBB	8	RHODODENDRON 'BLUE BARON'	BLUE BARON RHODODENDRON	CONT.	24" ht. min.	3–4' ht.	Blue–Lav
	RPG	10	RHODODENDRON 'PURPLE GEM'	PURPLE GEM RHODODENDRON	CONT.	18–24" ht.	3' x 3'	
	TGW	10	TAXUS CUSPIDATA 'GREENWAVE'	GREENWAVE JAPANESE YEW	CONT.	24–30" ht.	3'x4'	
	VCL	104	VIBURNUM CASSINOIDES 'LIL DITTY'	LIL DITTY WITHEROD VIBURNUM	CONT.	15" min.ht.	12–24" ht.	
ORNAMENTAL GRASSES/PERENNIALS:	NN	26	NIPPONANTHEMUM NIPPONICUM	MONTAUK DAISY	CONT.	#2 (2 Gal.)	30–36" ht.	
	PVM	11	PANICUM VIRGATUM 'HEAVY METAL'	HEAVY METAL SWITCHGRASS	POT	#2	3–4' ht.	2' o.c.; Blue Green Blades
	RFG	78	RUDBECKIA FUL. var. SULL. 'GOLDSTURM'	GOLDSTURM Black Eyed Susan	CONT.	#SP4	30–36" ht.	24" o.c.; Gold; June–Sept
	VM	230	VINCA MINOR	PERIWINKLE	POT	SP–3/Pint		Plant at 9" o.c.

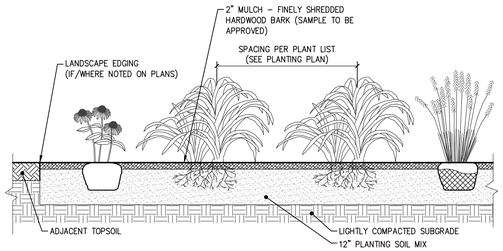
PLANTING NOTES:

1. THE LANDSCAPE PLAN AND RELATED DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE, GRADING & EROSION CONTROL PLANS FOR ALL OTHER INFORMATION.
2. THE CONTRACTOR SHALL GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY OWNER OR LANDSCAPE ARCHITECT. CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. PLANT MATERIAL REPLACEMENTS SHALL BE GUARANTEED FOR ONE FULL YEAR FROM DATE OF REPLACEMENT. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE. MAINTENANCE RESPONSIBILITIES INCLUDE CULTIVATING, SPRAYING, WEEDING, WATERING, TIGHTENING GUYS, PRUNING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN PLANT VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL THE END OF THE ONE YEAR GUARANTEE PERIOD.
3. THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT SCHEDULE. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY.
4. ALL SHRUB MASSINGS SHALL BE MULCHED TO A DEPTH OF 4" WITH SHREDDED HARDWOOD BARK MULCH.
5. NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY ENGINEER. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER OR LANDSCAPE ARCHITECT. STAKING OF THE INSTALLED TREE MUST BE COMPLETED THE SAME DAY AS IT IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED PER DETAIL. SEE THIS SHEET FOR PLANTING DETAILS.
6. COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. SEE SITE LAYOUT, GRADING AND UTILITY DRAWINGS FOR STORM, SANITARY AND WATER LINES. SEE LIGHTING PLAN FOR ELECTRICAL AND LIGHTING LAYOUT AND DETAILS. UTILITY LOCATIONS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
7. LANDSCAPE PLANTING PITS MUST BE FREE DRAINING. PAVEMENT, COMPACTED SUBGRADE, AND BLASTED ROCK SHALL BE REMOVED FROM WITHIN TRAFFIC ISLANDS TO BE LANDSCAPED TO A DEPTH OF 2' OR TO A GREATER DEPTH IF REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS. REPLACE SOIL WITHIN ISLANDS WITH MODERATELY COMPACTED LOAM OR SANDY LOAM FREE FROM STONES AND RUBBISH 1" OR GREATER IN DIAMETER AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH AND DEVELOPMENT. PLANTING INSTALLATION WITHIN ISLANDS SHALL BE AS DETAILED AND CONTAIN PLANTING MIX AS SPECIFIED.
8. TIME OF PLANTING: NEW PLANT MATERIALS SHALL BE INSTALLED BETWEEN APRIL 1 AND JUNE 1, OR AFTER SEPTEMBER 15TH AND NO LATER THAN OCTOBER 31ST.
9. PLANTING SOIL MIXTURE FOR TREES AND SHRUBS:
   - 1 PART PEAT MOSS
   - 3 PARTS TOPSOIL
   - FERTILIZER/LIME (APPLY AS RECOMMENDED BY SOIL ANALYSIS)
   - MYCORHIZA INOCULANT – "TRANSPLANT 1–STEP" AS MANUFACTURED BY ROOTS, INC. OR APPROVED EQUAL.
     USE PER MANUFACTURER'S RECOMMENDATIONS FOR TREES AND SHRUBS.
10. TOPSOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6" IN LAWN AREAS. CONTRACTOR SHALL SUBMIT TOPSOIL TO A CERTIFIED TESTING LABORATORY TO DETERMINE pH, FERTILITY, ORGANIC CONTENT AND MECHANICAL COMPOSITION. THE CONTRACTOR SHALL SUBMIT THE TEST RESULTS FROM REGIONAL EXTENSION OFFICE OF USDA TO THE OWNER OR LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. CONTRACTOR SHALL INCORPORATE AMENDMENTS FOR GOOD PLANT GROWTH AND PROPER SOIL ACIDITY RECOMMENDED FROM THE TOPSOIL TEST.
11. LAWN SEEDING MIXTURE (LOW–MOW):

    15% KENTUCKY BLUEGRASS (POA PRATENSIS – SINGLE VARIETY)
    15% PERENNIAL RYEGRASS (LOLIUM PERENNE)
    30% CREEPING RED FESCUE (FESTUCA RUBRA)
    25% CHEWINGS FESCUE (FESCTUCA RUBRA "JAMESTOWN II")
    15% HARD FESCUE (FESTUCA OVINA "RELIANT II")

    SEEDING RATE: 4.5 LBS PER 1,000 S.F. (ADD 10% TO QUANTITY IF HYDROSEEDED).

    SEEDING DATES: AUGUST 15 – OCTOBER 1 AND APRIL 15 – JUNE 15 UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.
12. ALL SLOPES GREATER THAN 3:1 RECEIVING A GRASS SEEDING MIXTURE SHALL BE COVERED WITH AN EROSION CONTROL BLANKET.
13. ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED SHALL BE SEEDED WITH THE LAWN SEEDING MIXTURE.
14. TREE PROTECTION: PRIOR TO THE START OF CONSTRUCTION OR EXCAVATION, TREES TO BE RETAINED SHALL BE PROTECTED BY SILT FENCE, SNOW FENCE, CONSTRUCTION FENCE, OR EQUAL, WHICH WILL BE PLACED AT THE DRIP LINE OR SEVERAL FEET BEYOND. HOWEVER, THE FENCING SHALL NOT CROSS PUBLIC SIDEWALKS. NO STORAGE OR STOCKPILING OF CONSTRUCTION MATERIALS, DEBRIS OR EQUIPMENT SHALL OCCUR WITHIN THE FENCED AREA."



SECTION THROUGH PERENNIAL BED

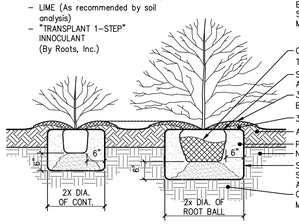
PERENNIAL NOTES:
1. BULB/CORM PERENNIALS TO BE PLANTED IN FALL. POTTED PERENNIALS MAY BE PLANTED APRIL 15 TO OCTOBER 1.
2. ROTOTILL FERTILIZER AND LIME INTO SOIL PRIOR TO PLANTING AND IN ACCORDANCE TO SOIL ANALYSIS RECOMMENDATIONS.
3. DO NOT OVER COMPACT PLANTING BED. WATER THOROUGHLY AFTER PLANTING BULBS.
4. ADJUST PLANTING DEPTH AS RECOMMENDED BY BULB SUPPLIER.
5. PROVIDE DRAINAGE AS REQUIRED (PERF PIPE 4" ADS) WHEN SUBGRADE IS CLASSIFIED AS A HEAVY SOIL OR EXCESSIVELY COMPACTED.

UNLESS SPECIFIED OTHERWISE, PERENNIAL BED SOIL MIX SHALL BE:
- 3 PARTS TOPSOIL
- 1 PART MANURE (WEED FREE)
- 1 PART PEAT MOSS OR COMPOST
- LIME (As recommended by soil analysis)
- "MILORGANITE" AT 5 LBS. PER 100 SF.

3 ANNUAL/PERENNIAL AND GROUND COVER BEDS DETAIL
SCALE: 1/2" = 1'–0"

UNLESS SPECIFIED OTHERWISE, SOIL MIX SHALL BE:
- 3 PARTS TOPSOIL
- 1 PART PEAT MOSS OR COMPOST
- LIME (As recommended by soil analysis)
- "TRANSPLANT 1–STEP" INNOCULANT (By Roots, Inc.)

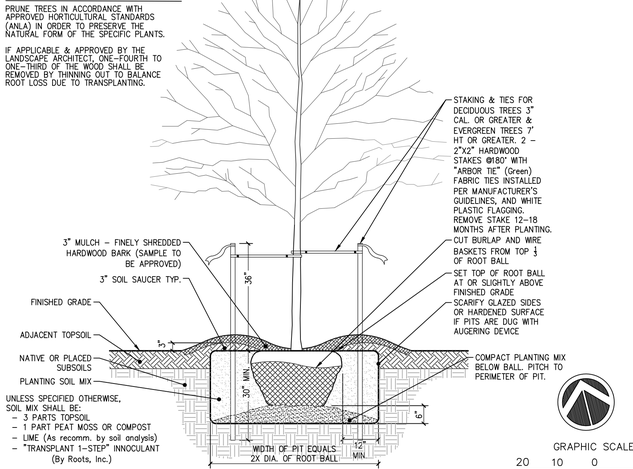
NOTE: IN AREAS OF MASS PLANTING, EXCAVATE BED AREA CONTINUOUSLY, BACKFILL BETWEEN SHRUBS WITH PLANTING SOIL MIX, AND APPLY MULCH TO THE SURFACE TO THE ENTIRE BED.



2 SHRUB PLANTING DETAIL
SCALE: 1/2" = 1'–0"

NOTE:
PRUNE TREES IN ACCORDANCE WITH APPROVED HORTICULTURAL STANDARDS (ANLA) IN ORDER TO PRESERVE THE NATURAL FORM OF THE SPECIFIC PLANTS.

IF APPLICABLE & APPROVED BY THE LANDSCAPE ARCHITECT, ONE–FOURTH TO ONE–THIRD OF THE WOOD SHALL BE REMOVED BY THINNING OUT TO BALANCE ROOT LOSS DUE TO TRANSPLANTING.



1 TREE PLANTING DETAIL
SCALE: 1/2" = 1'–0"

GRAPHIC SCALE
20 10 0 20
SCALE IN FEET

No.	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
6	7/25/2022	REVISED PER COMMENTS
7	09/19/2022	REVISED PER FD COMMENTS
8	11/29/2022	REVISED PER COMMENTS

Revisions

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- Civil Engineering
- Environmental Services
- Land Surveying
- Landscape Architecture

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LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

STATE OF NEW YORK · ROBERT E. MORRISON · LICENSED PROFESSIONAL ENGINEER · 074194

SITE LANDSCAPE PLAN

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	LL21273001.dwg
Drawn	SMC	Project No.	20–2370
Checked	KFC	Date	2021–06–22
Approved	REM	Scale	1"=20'

Sheet No. LL-1

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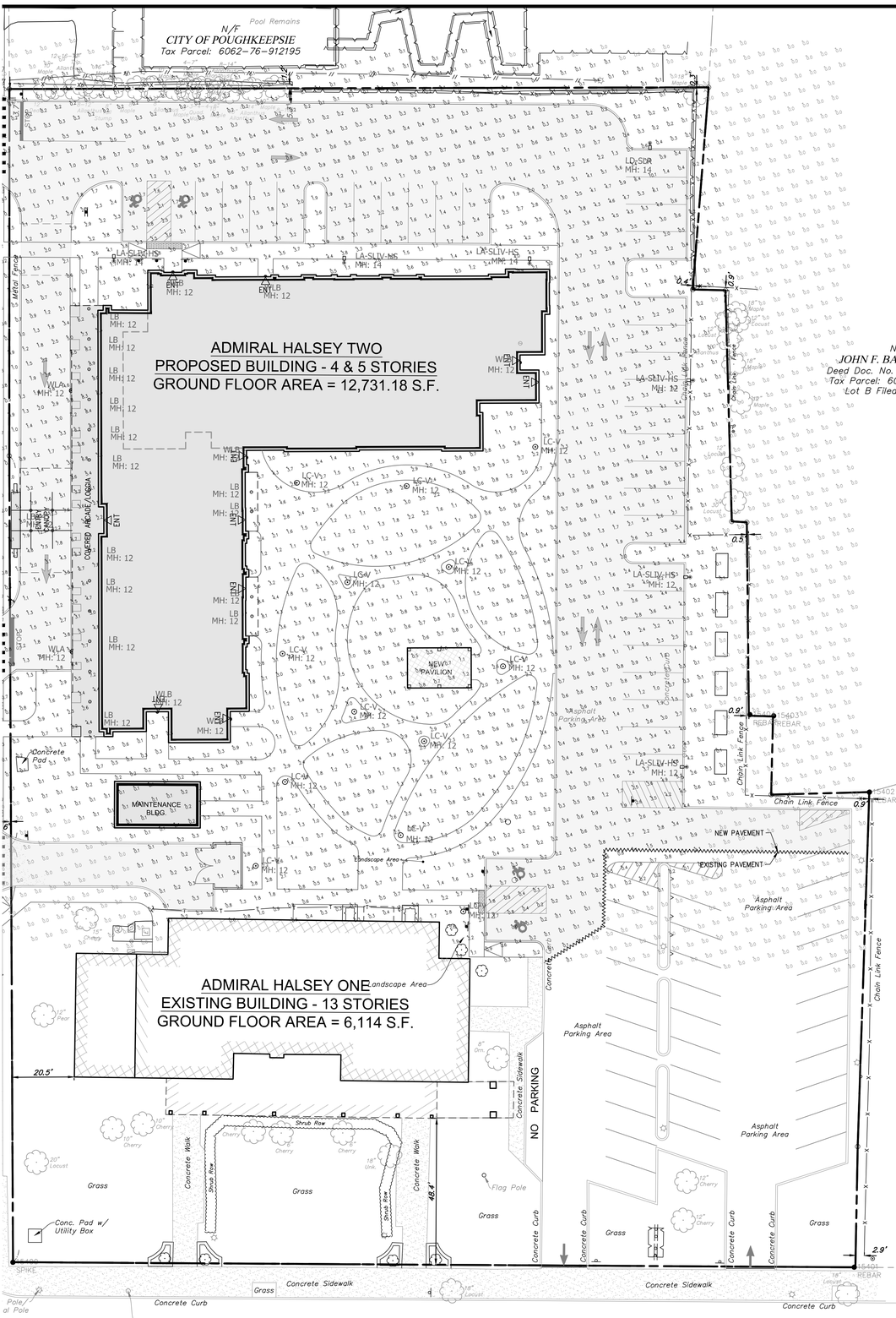


CANOPY MOUNTED WALL LIGHT (WLA):

PRODUCT NUMBER: ISS-SA1-A-730-U-T4FT

Project	Admiral Halsey 2	Catalog #	ISS-SA1-A-730-U-T4FT	Type	WLA
Prepared by		Notes		Date	

McGraw-Edison

Impact Elite LED

Wall Mount Luminaire

Interactive Menu

- Ordering Information page 2
- Product Specifications page 2
- Energy and Performance Data page 3
- Control Options page 4

Product Certifications

IP66 · Dark Sky Certification

Quick Facts

- 10 Optical Distributions
- Lumen packages range from 2,459 to 8,123 (20W - 66W)
- Efficacy up to 143 lumens per watt

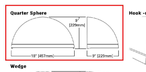
Connected Systems

- WaveLinx
- Enlighted

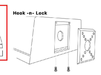
Dimensional Details

Cylinder

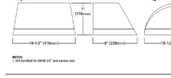
Quarter Sphere



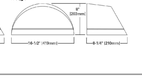
Hook -n- Lock



Trapezoid



Wedge



NOTES:
1. Will Certified in 3000K CCT and warmer only.

COOPER Lighting Solutions

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October 26, 2021 8:29 AM

McGraw-Edison — **Impact Elite LED**

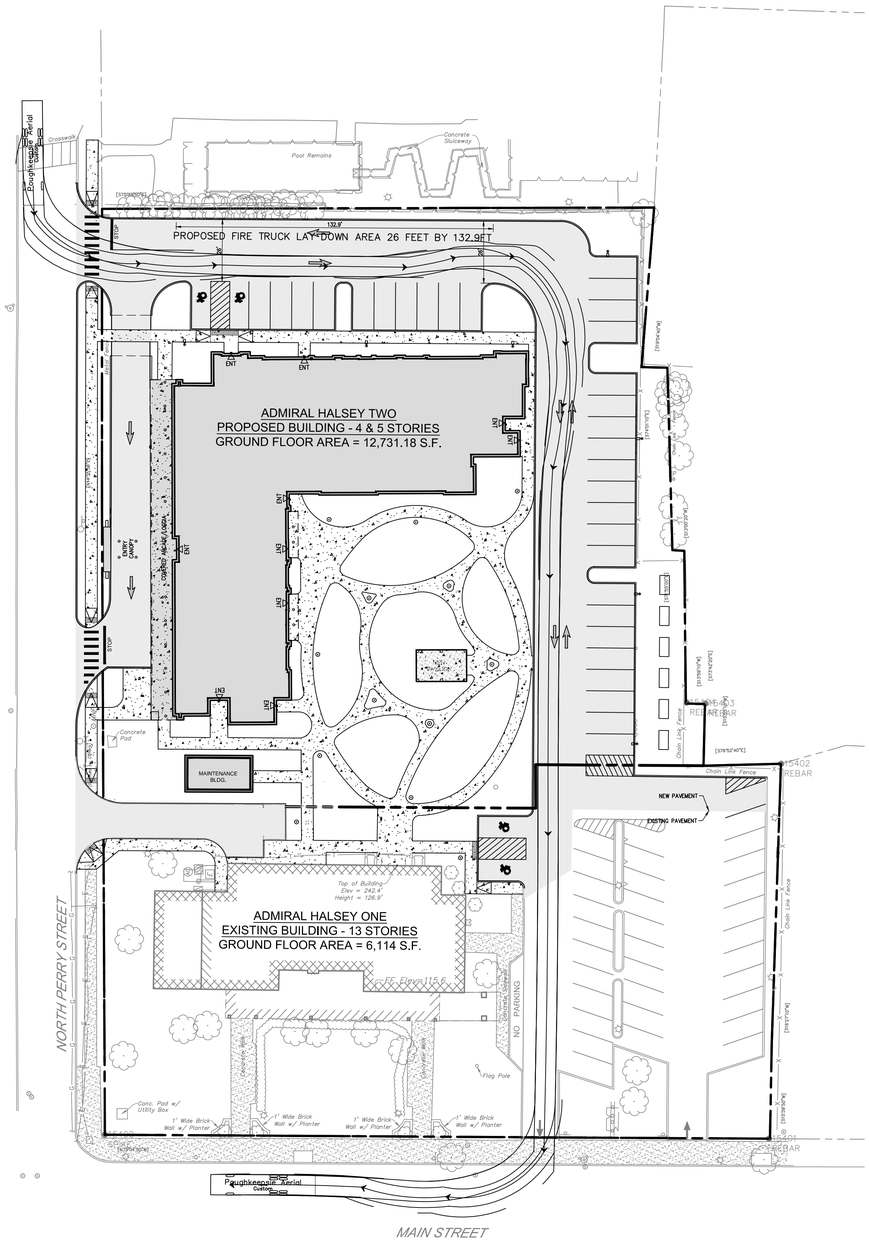
Ordering Information

SAMPLE NUMBER: **ISS-SA1-740-U-T3-BZ**

PRODUCT NUMBER: ISS-SA1-A-730-U-T4FT

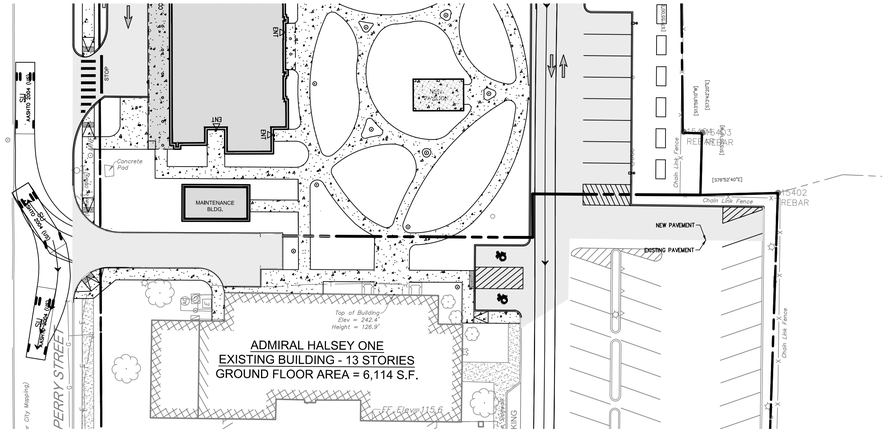
Product Family *	Light Engine	Color Temperature	Voltage	Distribution	Finish
ISS Compact 150 to 320W CAN Size	SA1-1 Quick Select Arms Required	730=70CRI, 3,000K	U (120-277V)	T3=Type 3	AP=Grey
ISS Compact 150 to 320W Square	A=Optical	740=70CRI, 4,000K	H (347-480V)	T4FT=Type 4 Forward Throw	BK=Black
ISS Compact 150 to 320W Round	B=Optical	750=70CRI, 5,000K		T4W=Type 4 Wide	BZ=Bronze
SAA ISS Impact 57in LED Small Cobrahead Area Luminaire	C=Optical	727=90CRI, 2,700K		T5=Type 5	DB=Dark Bronze
SAA ISS Impact 57in LED Small Cobrahead Area Luminaire *	D=Optical	740=90CRI, 4,000K		T5W=Type 5 Wide	DDB=Double Black
SAA ISS Impact 57in LED Small Colonial Style Area Luminaire *	E=Optical	750=90CRI, 5,000K		BLC=Type 5 Left Control	DM=Metallic
SAA ISS Impact 57in LED Small Traditional Style Area Luminaire *	F=Optical	730=90CRI, 3,000K		BRC=Type 5 Right Control	WH=White
TAA ISS Impact 57in LED Small Traditional Type Luminaire *	P=Optical *			TFTM=Type FT Forward Throw Medium	
TAA ISS Impact 57in LED Small Colonial Style Luminaire *				TFTX=Type FT Forward Throw Extra Long	
SAA ISS Impact Elite LED Small Traditional Type Luminaire *				TRW=Type R Wide	
SAA ISS Impact Elite LED Small Colonial Style Luminaire *				TS=Type S	
SAA ISS Impact Elite LED Small Bollard Style Luminaire *				TSW=Type S Wide	
TAA ISS Impact Elite LED Small Traditional Type Luminaire *				TW=Type W Wide	
TAA ISS Impact Elite LED Small Colonial Style Luminaire *				VW=Type V Narrow	
SAA ISS Impact Elite LED Small Bollard Style Luminaire *				WW=Type V Narrow Medium	
				VLW=Type V Medium	
				VMW=Type V Wide	
				BLC=Type 5 Left Control	
				BRC=Type 5 Right Control	
				SLA=90° Split Left Directional Style	
				SRA=90° Split Right Directional Style	
				XP=Automotive Front	

Options (Add as Suffix)	Controls and Systems Options (Add as Suffix)	Accessories (Order Separately)*
3-Prong Surge Protection (10kV/5kA)	BPC=Button Type Photocontrol (120, 208, 240 or 277V)	BUSCBO-10kV Circuit Breaker Replacement
7-Pin Receptacle, Control Ready (Without Control Device)	BPCD=Button Type Photocontrol (347 or 480V)	BUSCBO-20kV Circuit Breaker Replacement
20kv Fuse (Class 2 Type)	DFB=Dimming Occupancy Sensor with Bluetooth Selection, 8' Mounting * ^	BUSCBO-30kV Circuit Breaker Replacement
20kv Fuse (Non-Class 2 Type) - Label Number Specify * ^	DFBW=Dimming Occupancy Sensor with Bluetooth Selection, 8' Mounting, Wide * ^	BUSCBO-SB Canopy Dark Sky - Impact Elite Recpt.
4-Pin Twist-Lock Battery Pack with Back Box, Cold Weather Rated (-40°C) (Specify) * ^	DFBW=Dimming Occupancy Sensor with Bluetooth Selection, 8' Mounting, Wide * ^	BUSCBO-SBW Canopy Dark Sea - Impact Elite Recpt.
4-Pin Twist-Lock Battery Pack with Back Box, Cold Weather Rated (-40°C) (Specify) * ^	DFBW=Dimming Occupancy Sensor, 8'-15' Mounting Height * ^	BUSCBO-SBW Canopy Dark Sea - Impact Elite Recpt.
480V Surface Mounted Transformer *	DFBW=Dimming Occupancy Sensor, 8'-15' Mounting Height, Wide



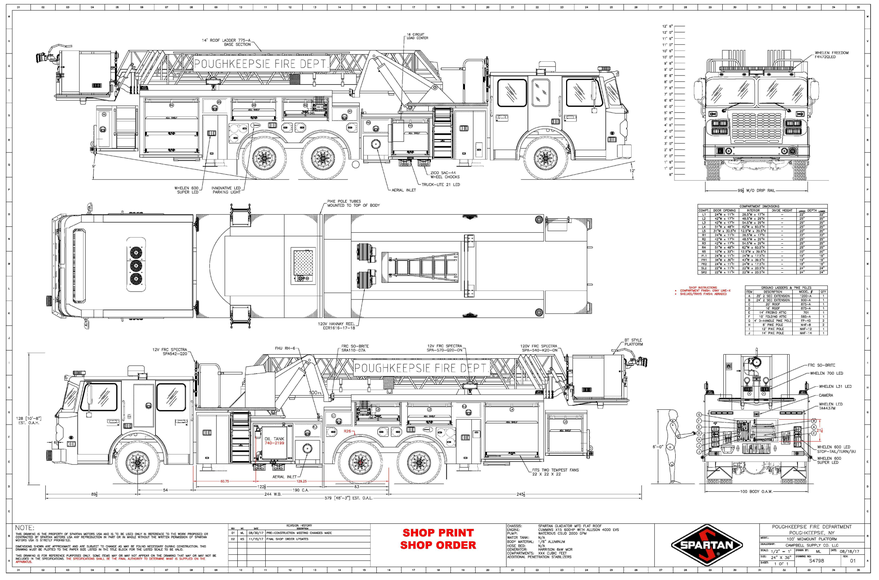
POUGHKEEPSIE SPARTAN FIRE TRUCK IN / OUT

SCALE: 1"=30'

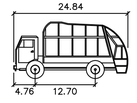


REFUSE VEHICLE

SCALE: 1"=30'



SPARTAN FIRE TRUCK UTILIZED FOR ALL FIRE TRUCK MOVEMENTS



Refuse Vehicle

	feet
Width	: 7.87
Track	: 7.41
Lock to Lock Time	: 6.0
Steering Angle	: 26.5

GRAPHIC SCALE

30 15 0 30

SCALE IN FEET

No.	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
6	7/25/2022	REVISED PER COMMENTS
7	09/19/2022	REVISED PER FD COMMENTS
8	11/29/2022	REVISED PER COMMENTS

Revisions

LRC GROUP

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- Environmental Services
- Land Surveying
- Landscape Architecture

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LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

TRUCK TURNING PLAN

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	TT21273001.dwg
Drawn	SMC	Project No.	20-2370
Checked	KFC	Date	2021-06-22
Approved	REM	Scale	1"=30'

Sheet No. TT-1

X:_JOBS\Jobs 2021\21-2720-Admiral Halsey Phase II-Omni New York, LLC\DWG\TT21273001.dwg 11/23/2022 12:46 PM SCurran

CITY OF POUGHKEEPSIE WATER NOTES

1. ALL WATER MAINS SHALL BE CEMENT LINED DUCTILE IRON PIPE, CLASS 52 PUSH-ON JOINT, UNLESS OTHERWISE SPECIFIED BY OR APPROVED BY THE CITY OF POUGHKEEPSIE WATER DEPARTMENT. JOINTING SHALL EMPLOY "MEGALUG" CONNECTIONS, FIELD LOCK GASKET, OR AS ALTERNATIVELY SPECIFIED BY THE CITY OF POUGHKEEPSIE WATER DEPARTMENT. ALL WATER PIPING CONSTRUCTION SHALL BE TO THE SPECIFICATIONS OF THE CITY OF POUGHKEEPSIE WATER DEPARTMENT. WET TAP OF PUBLIC WATER SYSTEM SHALL BE APPROVED AND SUPERVISED BY THE CITY OF POUGHKEEPSIE WATER DEPARTMENT. TAPPING SLEEVE SHALL BE STAINLESS STEEL OR APPROVED EQUAL. ALL MAINLINE VALVES SHALL BE RESILIENT WEDGE OR APPROVED EQUAL.

2. THE WATER LINE MAY BE FLEXED WITHIN PIPE SPECIFICATIONS OR LAID DEEPER IN AREAS WHERE A CROSSING WITH A SANITARY LINE OCCURS, TO ACHIEVE THE REQUIRED 1.5' VERTICAL SEPARATION DISTANCE. IF THIS DISTANCE CANNOT BE REASONABLY ACHIEVED, THE CONTRACTOR SHALL USE PRESSURE RATED SANITARY PIPE OF EQUAL OR GREATER RATING THAN THE PRESSURE CLASS FOR THE WATER LINE.

3. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER PIPE SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER LINE AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECT FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER PIPE ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES, OR VAULTS.

4. ALL WATER MAINS SHALL HAVE A MINIMUM OF (5) FIVE FEET OF COVER FROM THE TOP OF THE MAIN TO FINISHED GRADE. THE CONTRACTOR SHALL CHECK ALL FINISHED GRADE STAKES BEFORE TRENCHING TO ENSURE THAT ALL INSTALLED WATER MAINS WILL HAVE THE REQUIRED COVER.

5. THE SUPPLIER OF WATER MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT, OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS, AND ANY APPROVED AMENDMENTS. A NYSDOH CERTIFIED LABORATORY WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL, AND FECAL COLIFORM AND 24-HOUR BACTERIAL PLATE COUNT. THE CERTIFICATE OF COMPLIANCE, TESTING, AND SAMPLING RESULTS SHALL BE PROVIDED TO THE CITY WATER MAINTENANCE SUPERVISOR AND DUTCHESS COUNTY DEPARTMENT OF HEALTH AS A CONDITION OF APPROVAL FOR OPERATION.

6. THE CONTRACTOR SHALL COORDINATE THE TESTING WITH THE WATER DEPARTMENT SO AS TO MAINTAIN THE AMOUNT OF SERVICE INTERRUPTION TO EXISTING USERS TO THE LEAST EXTENT PRACTICABLE. WATER MAIN INSTALLATION AND TESTING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE PROJECT ENGINEER OR HIS DESIGNEE AS NECESSARY TO MEET CONDITIONS IN NOTE 5 ABOVE.

7. THE WATER MAIN SHALL BE PRESSURE LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER. TEST TO FIRST VALVE WITHIN BUILDING.

8. THE WATER MAIN SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION, THE WATER MAIN SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE PROJECT ENGINEER OR HIS DESIGNEE SHALL ALSO WITNESS DISINFECTION AND FLUSHING.

9. ALL WATER MAIN FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.

10. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING.

11. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS, UNLESS OTHERWISE APPROVED BY SITE ENGINEER AND CITY OF POUGHKEEPSIE WATER DEPARTMENT.

12. FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED WHEN GROUND WATER IS ENCOUNTERED WITHIN SEVEN FEET OF THE FINISHED GRADE. WHEN DRAINS ARE PLUGGED, THE BARRELS MUST BE PUMPED DRY AFTER USE DURING FREEZING WEATHER. SUCH HYDRANTS SHALL BE IDENTIFIED BY MARKINGS AS APPROVED BY THE CITY OF POUGHKEEPSIE.

13. PROPOSED WATER METERS LOCATED WITHIN THE METER PIT OR BUILDING SHALL BE A COMPATIBLE REMOTE STYLE TYPE (SENSUS), AND SHALL BE APPROVED BY THE CITY OF POUGHKEEPSIE WATER DEPARTMENT PRIOR TO INSTALLATION. WATER METER SHALL BE EQUIPPED WITH (RADIO TYPE REMOTE READER) TRANSCEIVER PROVIDED BY METER MANUFACTURER AND INSTALLED AND PROGRAMMED BY THE CITY OF POUGHKEEPSIE WATER DEPARTMENT.

14. THE WATER LINE SHALL BE INSTALLED AT A CONTINUOUS GRADE WITH NO ABRUPT HIGH POINTS OR LOW POINTS.

15. FINAL WATER DISTRIBUTION SYSTEM AND CERTIFICATION IS SUBJECT TO REVIEW, REVISION AND APPROVAL BY THE CITY OF POUGHKEEPSIE WATER DEPARTMENT AND THE DCDOH PRIOR TO APPROVAL TO OPERATE.

16. ALL WATER MAINS AND RELATED APPURTENANCES SHALL BE CONSTRUCTED TO THE LATEST STANDARDS AND SPECIFICATIONS OF THE CITY OF POUGHKEEPSIE.

17. THE WATER MAIN SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE CITY OF POUGHKEEPSIE.

18. ALL WATER SERVICE CONSTRUCTION SHALL BE SUBJECT TO INSPECTION BY THE CITY WATER DEPARTMENT PRIOR TO BACKFILLING. BEDDING AND PIPE ZONE MATERIAL SHALL BE COMPOSED OF CRUSHED STONE OR LIGHT GRAVEL HAVING A GRADATION LIMIT OF 3/4" MINUS. AN ACCEPTABLE MATERIAL SHALL MEET THE FOLLOWING REQUIREMENT:

SIEVE DESIGNATION	% PASSING
3/4"	100
NO.40	0-70
NO. 200	0-10

19. TRENCH BACKFILL SHALL BE WELL-GRADED SOIL AND GRAVEL MATERIAL. ALL PARTICLES SHALL HAVE A GRADATION OF 2" OR LESS. AN ACCEPTABLE MATERIAL SHALL MEET THE FOLLOWING REQUIREMENT:

SIEVE DESIGNATION	% PASSING
2 INCH	100
1/4 INCH	30-65
NO. 40	5-40
NO. 200	0-15

20. BEDDING AND BACKFILL MATERIAL SHALL BE STOCKPILED IN AMOUNTS NECESSARY FOR REASONABLE BACKFILLING REQUIREMENTS. A SIEVE ANALYSIS OF BEDDING OR BACKFILL MAY BE REQUIRED AT THE REQUEST OF THE CITY OF POUGHKEEPSIE.

21. THE SITE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BURIED PIPING TO THE LOCATION OF THE PROPOSED BUILDING CONNECTION POINT (I.E. INSIDE THE BUILDING). THIS INCLUDES THE TESTING AND CERTIFICATION OF ALL WATER SERVICE WORK FROM THE CITY WATER CONNECTION POINT TO THE PROPOSED BUILDINGS INTERIOR CONNECTION POINT.

22. INDICATOR TAPE SHALL BE PLACED 12" BELOW FINISHED GRADE DIRECTLY ABOVE ALL WATERLINES.

23. ALL COPPER WATER SERVICE PIPING INSTALLATION, BACKFILL AND TESTING SHALL BE REVIEWED AND APPROVED BY THE CITY OF POUGHKEEPSIE WATER MAINTENANCE SUPERVISOR OR HIS DESIGNEE. BEDDING, PIPE ZONE, AND BACKFILL MATERIAL MUST BE SAND ONLY.

24. THE PIPE SUPPORTS FOR THE METER PIT SHALL BE MADE OF GALVANIZED STEEL AND SHALL BE ADJUSTABLE. THE SUPPORTS ARE TO BE PLACED ONLY BENEATH SPOOL PIECES AND NOT UNDER CRITICAL EQUIPMENT, METERS, ETC.

25. THREE AS-BIULT DRAWINGS WHICH INCLUDE VERIFICATION OF THE WATER INFRASTRUCTURE WILL BE PROVIDED TO THE PLANNING DEPARTMENT FOR DISSEMINATION TO THE ENGINEERING AND WATER DEPARTMENTS PRIOR TO ANY EASEMENT DEDICATION TO THE CITY.

CITY OF POUGHKEEPSIE SANITARY SEWER NOTES

1. FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAIN: ALL DISCHARGES TO THE SANITARY SEWER SHALL COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR DUTCHESS COUNTY SANITARY CODE.

2. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPES. THE TESTS SHALL BE CONDUCTED AFTER FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 5 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.

3. SANITARY SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE CITY OF POUGHKEEPSIE. ALL SANITARY SEWER SYSTEM COMPONENTS SHALL BE INSTALLED BY OR UNDER THE SUPERVISION OF A CITY OF POUGHKEEPSIE LICENSED PLUMBER IN ACCORDANCE WITH THE CITY PLUMBING CODE.

4. MAJOR EARTHWORK SHALL BE COMPLETED PRIOR TO INSTALLATION OF ANY SANITARY SEWER MAINS AND APPURTENANCES. AIR CONNECTING SEWER LINES SHALL BE FLUSHED BEFORE TESTED.

5. MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY FOR THE SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST, AS A MINIMUM, SHALL CONFORM TO THE PROCEDURE DESCRIBED IN THE ASTM -F-1417 (1992) ENTITLED "STANDARD PRACTICE FOR INSTALLATION ACCEPTANCE OF GRAVITY SEWER LINES USING LOW PRESSURE AIR" (RE-APPROVED 1998). SANITARY MANHOLES SHALL BE VISUALLY INSPECTED AND TESTED FOR LEAKAGE BY EXFILTRATION OR VACUUM. VACUUM TESTING OF MANHOLES SHALL COMPLY WITH THE METHOD OUTLINED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION TECHNICAL INFORMATION PAMPHLET (TIP) NO.15 (REVISED).

6. SANITARY SEWER MAINS ARE TO BE POLYVINYL CHLORIDE (PVC) AND SANITARY LATERALS SHALL BE PVC, SDR-35, UNLESS OTHERWISE NOTED.

7. FINAL SEWER COLLECTION SYSTEM LAYOUT IS SUBJECT TO REVIEW, REVISION AND APPROVAL BY THE CITY OF POUGHKEEPSIE SEWER DEPARTMENT.

8. ALL SANITARY PIPE AND/OR MANHOLES SHALL BE A MINIMUM OF TEN (10) HORIZONTAL FEET FROM THE WATER MAIN; SANITARY PIPE SHALL HAVE A MINIMUM 18" SEPARATION FROM ANY WATER MAIN OR WATER SERVICE LINE. IF FOR SOME REASON THIS SEPARATION CANNOT BE ACHIEVED, SANITARY SEWER PIPE IN THE AREA SHALL BE SDR-26 PRESSURE RATED PIPE, (OR BE ENCASED PER THE DETAIL ON DN-3) AND ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER. ALL SANITARY SEWER CONSTRUCTION SHALL BE TO SPECIFICATIONS OF THE CITY OF POUGHKEEPSIE SEWER DEPARTMENT.

9. ALL SANITARY TESTING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE PROJECT ENGINEER, AND CERTIFICATES OF COMPLIANCE WITH THE INSTALLATION SPECIFICATIONS, TEST STANDARDS, APPROVED PLANS OR APPROVED AMENDMENTS SHALL BE PROVIDED TO THE APPROPRIATE SEWER AUTHORITY AND THE DCDOH AS A CONDITION OF APPROVAL FOR OPERATION.

10. ALL SANITARY SEWER CONSTRUCTION SHALL BE SUBJECT TO INSPECTION BY THE CITY SEWER SUPERINTENDENT PRIOR TO BACKFILLING. PIPE BEDDING AND PIPE ZONE MATERIAL SHALL BE COMPOSED OF CRUSHED STONE OR GRAVEL, FREE OF SOFT NONDURABLE PARTICLES WITH THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE DESIGNATION	% PASSING
3/4"	100
NO.40	0-70
NO. 200	0-10

ALL TRENCH BACKFILL MATERIAL SHALL BE APPROVED BY THE SUPERINTENDENT OF SEWERS AND MUST MEET THE FOLLOWING GRADATION REQUIREMENT:

SIEVE DESIGNATION	% PASSING
2 INCH	100
1/4 INCH	30-65
NO.40	5-40
NO. 200	0-15

BEDDING AND BACKFILL MATERIAL SHALL BE STOCKPILED IN AMOUNTS NECESSARY FOR REASONABLE BACKFILLING REQUIREMENTS. A SIEVE ANALYSIS OF BEDDING OR BACKFILL MAY BE REQUIRED AT THE REQUEST OF THE CITY OF POUGHKEEPSIE.

11. ALL NEW SANITARY SEWER MANHOLE COVERS SHALL BE NOMINAL 26" DIAMETER CAST IRON AND SHALL READ "SANITARY SEWER". FRAMES SHALL BE 8" IN HEIGHT AND THE FRAME AND COVER SHALL BE SYRACUSE CASTINGS NO.1 009 OR AN APPROVED EQUAL.

12. INDICATOR TAPE SHALL BE PLACED 12" BELOW FINISHED GRADE DIRECTLY ABOVE ALL SANITARY LINES.

13. LOCATION OF SEWER LATERAL CLEAN OUTS ARE TO BE PLACED AS SHOWN ON THE APPROVED SITE PLAN AND NOT TO EXCEED EVERY 75' MEASURED FROM THE SEWER MAIN CONNECTION OR AS DETERMINED BY THE CITY OF POUGHKEEPSIE SUPERINTENDENT OF SEWERS WHERE LOCATIONS ARE NOT SPECIFICALLY SHOWN.

14. EXTERNAL DROP MANHOLES SHALL BE USED FOR SEWERS ENTERING AT AN ELEVATION OF 24 INCHES OR HIGHER AT THE INLET OF A SEWER MANHOLE.

15. THREE AS-BUILT DRAWINGS WHICH INCLUDE VERIFICATION OF THE SEWER INFRASTRUCTURE INCLUDING RIMS AND INVERTS WILL BE PROVIDED TO THE PLANNING DEPARTMENT FOR DISSEMINATION TO THE ENGINEERING AND SEWER DEPARTMENTS PRIOR TO ANY EASEMENT DEDICATION TO THE CITY.

DECOMPACTION OF SOILS IN RECLAIMED AREAS:

THESE PROCEDURES SHALL BE FOLLOWED PRIOR TO INSTALLATION OF TOP SOIL OR INFILTRATION PRACTICES IN ANY AREA PREVIOUSLY IMPERVIOUS OR COMPACTED BY COSTRUCTION EQUIPMENT. FOR ALL AREAS TO BE RECLAIMED FOR STORMWATER INFILTRATION, THE AREA SHALL BE MARKED OFF WITH ORANGE SAFETY FENCE AFTER DEMOLITION AND PRIOR TO DECOMPACTION TO PREVENT FURTHER COMPACTION OF THE UNDERLYING SOILS.

AREAS RECLAIMED AS TOP SOIL:

A. APPLY 3" OF COMPOST OVER SUBSOIL AFTER SUBGRADE LEVELS HAVE BEEN REACHED AND IMMEDIATELY PRIOR TO PLACING PLANTING SOILS.

B. THE ENTIRE SUBGRADE AREA SHALL BE LOOSENED TO A MINIMUM DEPTH OF 12 INCHES UTILIZING THE BUCKET OF A BACK HOE, CAT MOUNTED RIPPER, TILLER, OR EQUIVALENT EQUIPMENT. ROCK PICK UNTIL UPLIFTED STONE/ROCK MATERIAL OF FOUR INCHES AND LARGER SIZE HAVE BEEN CLEARED FROM THE SITE.

C. ANY SUBGRADE AREAS WHICH HAVE BECOME HEAVILY COMPACTED (DEFINED AS EXCEEDING 86%-88% COMPACTION ASTM 698 STANDARD PROCTOR) INCLUDING, BUT NOT LIMITED TO, TEMPORARY PARKING AREAS, MATERIAL STOCKPILE AREAS, TEMPORARY ROADWAYS, CONSTRUCTION AREAS AND AREAS AROUND THE BUILDING, OTHER CONSTRUCTION AREAS, AREAS SHOWN ON THE PLANS, OR AREAS IDENTIFIED BY THE DESIGN PROFESSIONAL SHALL BE DEEP-SCARIFIED. IMMEDIATELY PRIOR TO PLACING SOILS, HEAVILY COMPACTED AREAS SHALL BE LOOSENED TO A MINIMUM DEPTH OF 18 INCHES USING THE TEETH OF A BACK HOE OR OTHER SUITABLE EQUIPMENT. FREQUENCY OF COMPACTION TESTS SHALL BE ONE PER 500 SQUARE FEET.

D. CONFIRM THAT THE SUBGRADE IS AT THE PROPER ELEVATION AND THAT NO FURTHER EARTHWORK IS REQUIRED TO BRING THE SUBGRADE TO PROPER ELEVATIONS. PROVIDE A REPORT TO THE DESIGN PROFESSIONAL THAT THE SUBGRADE HAS BEEN PLACED TO THE REQUIRED ELEVATIONS, HAS BEEN DECOMPACTED ACCORDING TO THE CONTRACT DOCUMENTS AND IS READY FOR INSPECTION AT LEAST 3 DAYS PRIOR TO PLACING PLANTING SOIL. PERFORM NO WORK OF PLACING AND SPREADING PLANTING MIXED UNTIL ELEVATIONS HAVE BEEN CONFIRMED AND THE AREA HAS BEEN ACCEPTED BY THE OWNER'S REPRESENTATIVE.

E. AFTER THE SOILS HAVE BEEN LOOSENED AND INSPECTED, TOPSOIL MAY BE SPREAD BY USING A WIDE-TRACK BULLDOZER SIZE D-5 OR SMALLER OR MAY BE DUMPED AND SPREAD WITH THE BUCKET OF A BACKHOE FROM THE EDGE OF THE LOOSENED AREA. NO RUBBER-TIRED EQUIPMENT OR HEAVY EQUIPMENT EXCEPT FOR A SMALL BULLDOZER SHALL PASS OVER THE SUBSOILS (SUBGRADE) AFTER THEY HAVE BEEN LOOSENED. IF THE CONTRACTOR PLANS TO UTILIZE SUCH AREAS FOR ANY USE OF HEAVY EQUIPMENT, THIS SHOULD BE CARRIED OUT PRIOR TO BEGINNING THE PROCESS OF LOOSENING SOILS OR FILLING IN THAT AREA, OR IT WILL HAVE TO BE RESCARIFIED AND MEET THIS SPECIFICATION REQUIREMENT.

AREAS RECLAIMED FOR STORMWATER INFILTRATION PRACTICES:

A. EXCAVATE AREA TO THE DEPTH OF THE PROPOSED BOTTOM OF THE INFILTRATION PRACTICE.

B. THE ENTIRE SUBGRADE AREA SHALL BE LOOSENED TO A MINIMUM DEPTH OF 12 INCHES BELOW PROPOSED SUBGRADE UTILIZING THE BUCKET OF A BACK HOE, CAT MOUNTED RIPPER, TILLER, OR EQUIVALENT EQUIPMENT. ROCK PICK UNTIL UPLIFTED STONE/ROCK MATERIAL OF FOUR INCHES AND LARGER SIZE HAVE BEEN CLEARED FROM THE SITE.

C. ANY SUBGRADE AREAS WHICH REMAIN HEAVILY COMPACTED (DEFINED AS EXCEEDING 86%-88% COMPACTION ASTM 698 STANDARD PROCTOR), AS SHOWN ON THE PLANS, OR AREAS IDENTIFIED BY THE DESIGN PROFESSIONAL SHALL BE DEEP-SCARIFIED. IMMEDIATELY PRIOR TO PLACING SOILS, HEAVILY COMPACTED AREAS SHALL BE LOOSENED TO A MINIMUM DEPTH OF 18 INCHES USING THE TEETH OF A BACK HOE OR OTHER SUITABLE EQUIPMENT. FREQUENCY OF COMPACTION TESTS SHALL BE ONE PER 500 SQUARE FEET.

D. CONFIRM THAT THE SUBGRADE IS AT THE PROPER ELEVATION AND THAT NO FURTHER EARTHWORK IS REQUIRED TO BRING THE SUBGRADE TO PROPER ELEVATIONS. PROVIDE A REPORT TO THE DESIGN PROFESSIONAL THAT THE SUBGRADE HAS BEEN PLACED TO THE REQUIRED ELEVATIONS, HAS BEEN DECOMPACTED ACCORDING TO THE CONTRACT DOCUMENTS AND IS READY FOR INSPECTION AT LEAST 3 DAYS PRIOR TO PLACING INFILTRATION PRACTICES. PERFORM NO WORK UNTIL ELEVATIONS HAVE BEEN CONFIRMED AND THE AREA HAS BEEN ACCEPTED BY THE OWNER'S REPRESENTATIVE.

E. AFTER THE SOILS HAVE BEEN LOOSENED AND INSPECTED, INFILTRATION PRACTICES MAY BE INSTALLED USING A WIDE-TRACK BULLDOZER SIZE D-5 OR SMALLER OR MAY BE PLACED, DUMPED, OR SPREAD WITH THE BUCKET OF A BACKHOE FROM THE EDGE OF THE LOOSENED AREA. NO RUBBER-TIRED EQUIPMENT OR HEAVY EQUIPMENT EXCEPT FOR A SMALL BULLDOZER SHALL PASS OVER THE SUBSOILS (SUBGRADE) AFTER THEY HAVE BEEN LOOSENED. IF THE CONTRACTOR PLANS TO UTILIZE SUCH AREAS FOR ANY USE OF HEAVY EQUIPMENT, THIS SHOULD BE CARRIED OUT PRIOR TO BEGINNING THE PROCESS OF LOOSENING SOILS OR FILLING IN THAT AREA, OR IT WILL HAVE TO BE RESCARIFIED AND MEET THIS SPECIFICATION REQUIREMENT.

F. WHEN INFILTRATION PRACTICES ARE LOCATED BELOW PAVEMENT THE AREA SHALL REMAIN FREE OF LARGE VEHICLES UNTIL THE PAVEMENT SUBBASE HAS BEEN INSTALLED.

G. FOR REFERENCE OF DECOMPACTION NOTES, SEE NYS DESIGN MANUAL SECTION 5.1.6 FOR DEEP RIPPING AND DECOMPACTION OF EXISTING AREAS THAT ARE PROPOSED FOR RESTORATION.

STATE OF NEW YORK
RODNEY E MORRISON
074194
LICENSED PROFESSIONAL ENGINEER

#	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
6	7/25/2022	REVISED PER COMMENTS
7	09/19/2022	REVISED PER FD COMMENTS
8	11/29/2022	REVISED PER COMMENTS

Revisions

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- Civil Engineering
- Environmental Services
- Land Surveying
- Landscape Architecture

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LRC Environmental Services, Inc.

NOTES SHEET

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	NS21270301.dwg
Drawn	SMC	Project No.	20-2370
Checked	KFC	Date	2021-06-22
Approved	REM	Scale	AS NOTED

Sheet No.
NS-1

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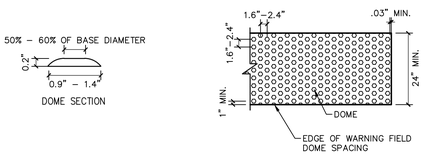


NOTES:

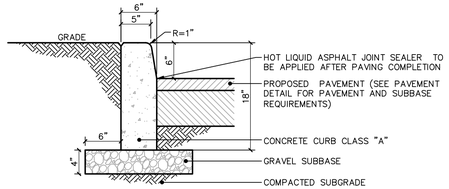
1. THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE, THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING UNIT (THE DOMES AND THE ENTIRE 24" LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.
2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.
3. THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE BREAK BETWEEN THE RAMP LANDING OR CURB RAMP AND THE STREET.
4. WHERE DOMES ARE ARRAYED RADIALLY THEY MAY DIFFER IN DOME DIAMETER AND CENTER–TO– CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET.
5. THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS OR MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
6. DETECTABLE WARNING SHALL BE LOCATED SO THAT THE EDGE OR CORNER OF THE WARNING FIELD NEAREST TO THE ROADWAY IS 5" TO 9" FROM THE FRONT OF THE CURB OR THE ROADWAY EDGE (12" WHERE TRAVERSABLE CURB IS USED). INSTALL THE DETECTABLE WARNING FIELD BEHIND THE FLUSH CURB.
7. THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 6'–0" MINIMUM AND 15'–0" MAXIMUM FROM THE CENTERLINE OF THE NEAREST RAIL.

DETECTABLE WARNING TILE SPECS

"DURALAST" CAST IRON WARNING TILES AS FABRICATED BY EAST JORDAN IRON WORKS, 800–626–4653; NATURAL FINISH (NO POWDER COATING)

NOTE: UNIT SIZE FOR RECTANGULAR APPLICATIONS IS 24"x24" AND FOR RADIAL APPLICATIONS IS 18"x24"

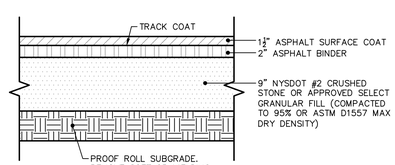
DETECTABLE WARNING DETAIL
SCALE: 1/2" = 1'–0"



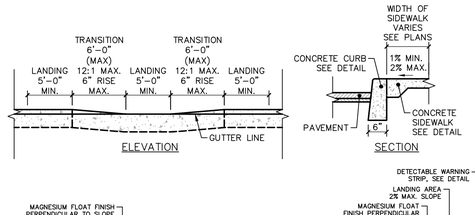
NOTES:

1. COMPACT NATIVE MATERIAL PRIOR TO INSTALLATION OF STONE SUBBASE. SEE NOTE SHEET NS–1 FOR COMPACTION REQUIREMENTS.

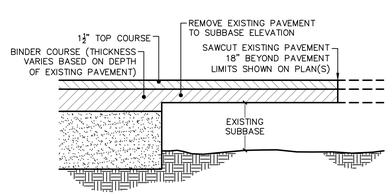
ON-SITE CONCRETE CURB DETAIL
SCALE: 1" = 1'–0"



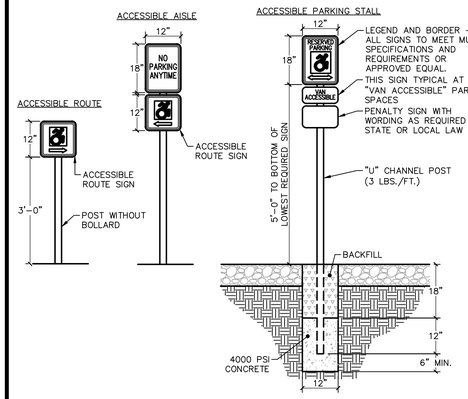
STANDARD ASPHALT PAVING DETAIL
SCALE: 1" = 1'–0"



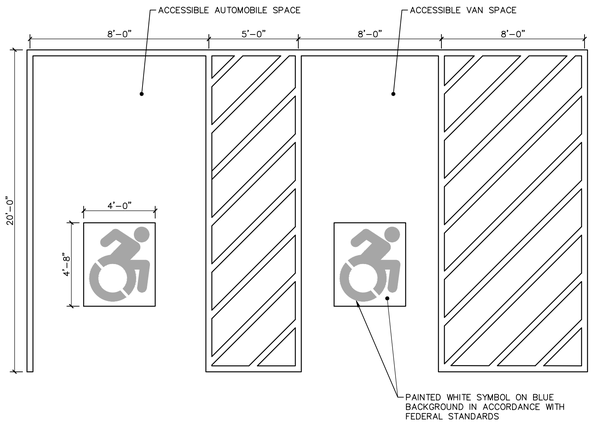
HANDICAP RAMP DETAIL
SCALE: 1/8" = 1'–0"



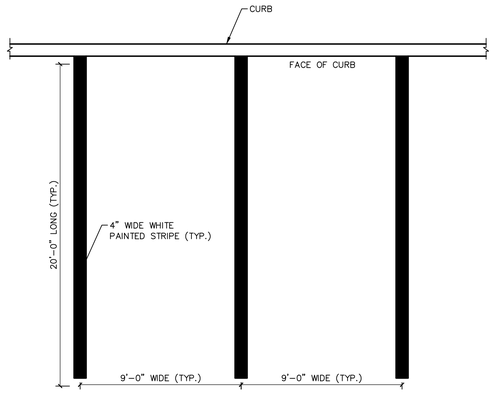
PAVEMENT TRANSITION DETAIL
SCALE: 1" = 1'–0"



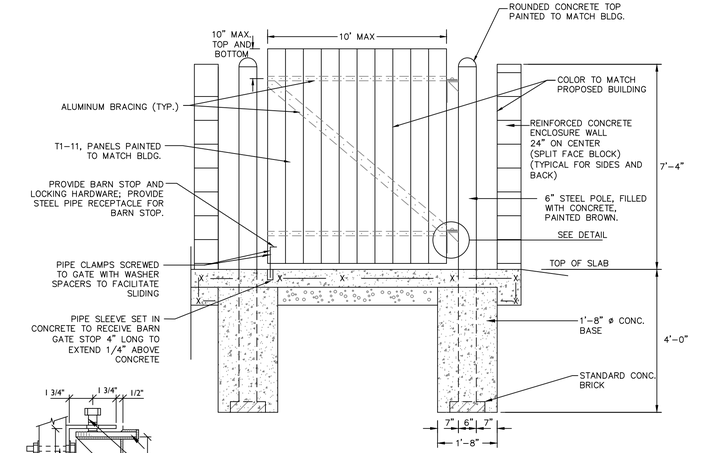
ACCESSIBLE PARKING & ACCESS SIGNS
SCALE: 1/2" = 1'–0"



ACCESSIBLE PARKING SPACE DETAIL
SCALE: 1/4" = 1'–0"



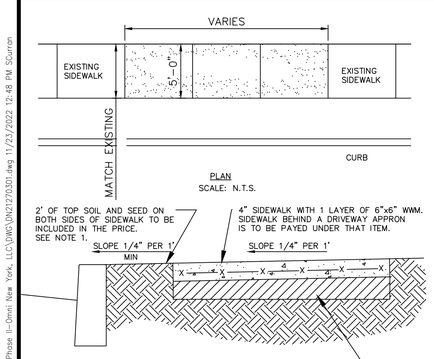
PARKING SPACE STRIPE DETAIL
SCALE: 1/4" = 1'–0"



TRASH ENCLOSURE GATE SECTION
NOT TO SCALE

CONTRACTOR TO PROVIDE SELF CLOSING HINGES FOR GATE

DETAILS PROVIDED BY THE CITY OF POUGHKEEPSIE. FOR ALL WORK TO BE PERFORMED IN THE CITY ROW.

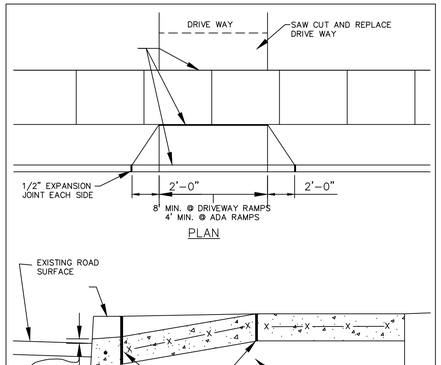


NOTES:
1. WHERE MATERIAL IS NOT USED THE CITY OF POUGHDEEPSIE WILL BE CREDITED IN AREAS WHERE MORE THAN THE SPECIFIED AMOUNT OF MATERIAL IS USED. MAJOR GRADE CHANGES WILL BE APROVED BY THE CITY ENGINEERING DEPT. AND WILL BE PAYED UNDER APROPRIATE ITEMS.

SECTION

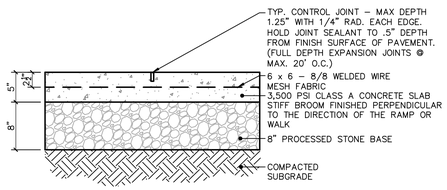
SIDEWALK DETAIL REPLACE & NEW

CITY OF POUGHKEEPSIE ENGINEERING DEPARTMENT		
62 CIVIC CENTER PLAZA POUGHKEEPSIE, NY 12602	PROJECT: 001–DET DATE: 5–16–00 SCALE: AS NOTED DRAWN BY: JP	SIDEWALK DETAIL

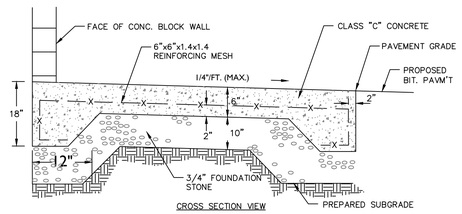


DRIVEWAY RAMPS & ADA RAMP
SCALE: 1"–1'–0"

CITY OF POUGHKEEPSIE ENGINEERING DEPARTMENT			
62 CIVIC CENTER PLAZA POUGHKEEPSIE, NY 12602	FILE NO.: 001–DET DATE: 3–6–00 SCALE: AS NOTED DRAWN BY: JP	DRIVEWAY & ADA RAMP DETIAL	1 PAGE NO.



CONCRETE SIDEWALK SECTION DETAIL
SCALE: 1" = 1'–0"



HEAVY DUTY CONCRETE PAVING AND DUMPSTER PAD DETAIL
NOT TO SCALE

STATE OF NEW YORK · RODNEY E. MORNISH · 074196 · LICENSED PROFESSIONAL ENGINEER

No.	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
6	7/25/2022	REVISED PER COMMENTS
7	09/19/2022	REVISED PER FD COMMENTS
8	11/29/2022	REVISED PER COMMENTS

Revisions

LRC GROUP
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• Civil Engineering
• Environmental Services
• Land Surveying
• Landscape Architecture
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Cromwell, CT 06416
Tel: 860.635.2877
85 Civic Center Plaza, Suite 204
Poughkeepsie NY 12601
Tel: 845.243.2880
1 International Blvd, Suite 400
Mahwah, NJ 07495
Tel: 908.603.5730
www.lrcconsult.com
LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

SITE DETAILS

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	DN21270301.dwg
Drawn	SMC	Project No.	20–2370
Checked	KFC	Date	2021–06–22
Approved	REM	Scale	AS NOTED

Sheet No. DN-1

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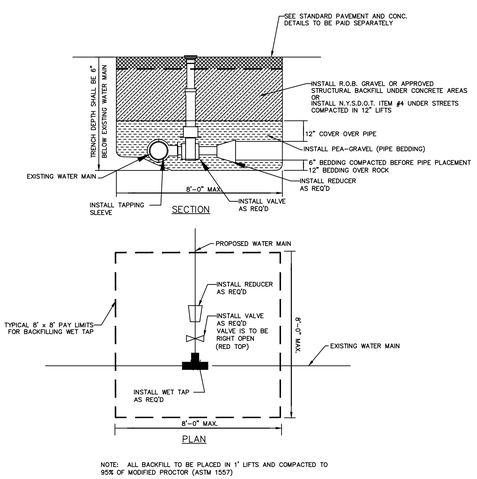
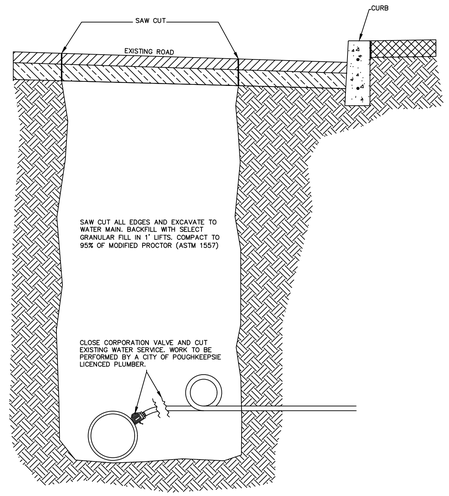


NOTE: ALL BACKFILL TO BE PLACED IN 1' LIFTS AND COMPACTED TO 95% OF MODIFIED PROCTOR (ASTM 1557)

TAPPING SLEEVE & VALVE

SCALE: N.T.S.

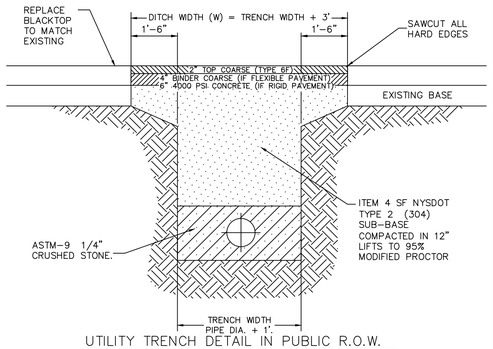


WATER SERVICE DISCONNECT AT MAIN

SCALE: N.T.S.

CITY OF POUGHKEEPSIE ENGINEERING DEPARTMENT 80 WASHINGTON STREET POUGHKEEPSIE, NY 12602	FILE NO.:		TAPPING SLEEVE & VALVE	1 PAGE NO.
	DATE:	3-6-00		
	SCALE:	AS NOTED		
	DRAWN BY:	JP		

CITY OF POUGHKEEPSIE ENGINEERING DEPARTMENT 80 WASHINGTON STREET POUGHKEEPSIE, NY 12602	FILE NO.:		WATER DISCONNECT @ MAIN	1 PAGE NO.
	DATE:	08-21-08		
	SCALE:	AS NOTED		
	DRAWN BY:	JTK		

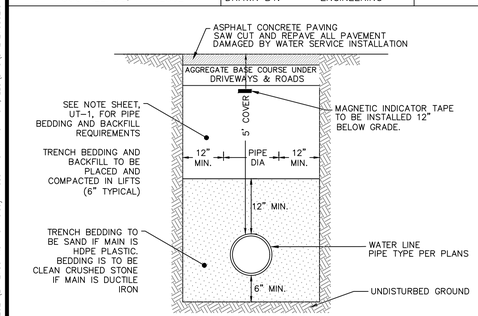


UTILITY TRENCH DETAIL IN PUBLIC R.O.W.

NOTES:

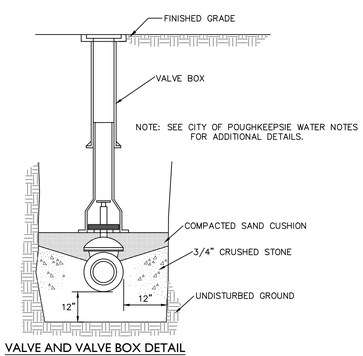
1. DITCH WIDTH SHALL EXTEND A MINIMUM OF ONE AND ONE-HALF FT. FROM THE EDGES OF THE TRENCH.
2. REPLACED BASE MATERIAL OVER TRENCH SHALL BE ITEM 4 COMPACTED IN 12" LIFTS.
3. PIPE BEDDING SHALL BE A MINIMUM OF 6" ABOVE AND BELOW PIPE
4. ALL JOINTS SHALL BE MECHANICALLY SAWED.
5. ALL JOINTS SHALL BE SQUARED TO THE EXISTING EDGE OF CURB AND/OR PAVEMENT, AND TACK COATED PER DETAIL.
6. ROAD SURFACE REPLACEMENT SHALL BE MINIMUM OF SIX INCHES OF ASPHALIC CONCRETE.
7. ASPHALT PAVEMENT TO BE PLACED IN TWO LIFTS AS SHOWN.

CITY OF POUGHKEEPSIE ENGINEERING DEPARTMENT 62 CIVIC CENTER PLAZA POUGHKEEPSIE, NY 12602	FILE NO.:	FLEXPAVE.DWG	TRENCH AND PAVEMENT DETAIL
	DATE:	9-9-04	
	SCALE:	AS NOTED	
	DRAWN BY:	ENGINEERING	



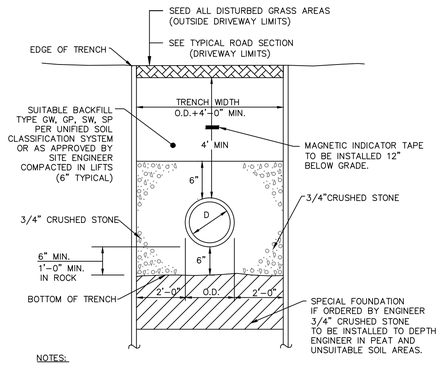
WATER MAIN TRENCH

NOT TO SCALE



VALVE AND VALVE BOX DETAIL

NOT TO SCALE



NOTES:

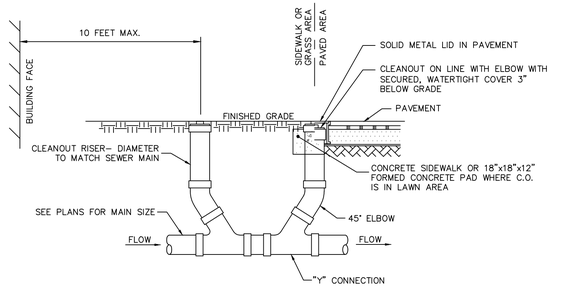
1. IF COVER IS LESS THAN 4 FEET INSULATION IS REQUIRED.

SANITARY SEWER TRENCH SECTION

NOT TO SCALE

NOTES:

1. DOUBLE CLEANOUT TO BE INSTALLED ON ALL SEWER LATERALS WITHIN 10 FEET OF BUILDING FACE.
2. ANY LOCATIONS WITHIN PAVED AREAS SHALL HAVE COVERS THAT ARE H-20 LOAD RATED. ALL COVERS WHETHER IN PAVEMENT OR GRASS SHALL BE LABELED "SEWER".
3. ALL RISERS ARE TO MATCH THE SIZE OF THE SANITARY LINE.
4. IN LAWN AREAS INSTALL CONCRETE COLLAR 3 INCHES BELOW GRADE. COVER WITH TOP SOIL OR OTHER SURFACE TREATMENT AS DESIGNATED ON LANDSCAPE PLANS.

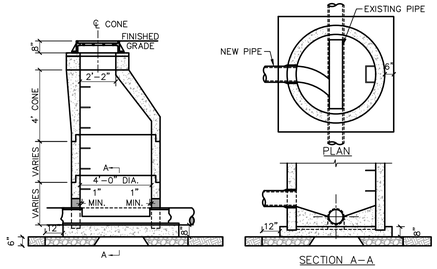


DOUBLE SEWER CLEANOUT DETAIL

NOT TO SCALE

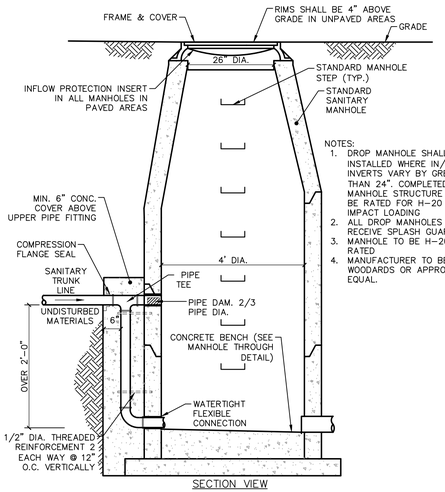
NOTES:

1. INVERT SHALL BE FILLETED.
2. REINFORCEMENT FOR MANHOLE AND SLAB TOP SHALL BE DESIGNED BY A LICENSED CONNECTICUT STATE PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW. STRUCTURE SHALL BE DESIGNED FOR HS20-44 VEHICULAR LOADING PLUS 25% IMPACT.
3. CONCRETE TO TEST 4000 P.S.I. AT 28 DAYS IN CONFORMANCE WITH A.S.T.M. C-478.
4. BENCH SHALL BE BUILT FOR FLOW BETWEEN INLET AND OUTLET.
5. EACH MANHOLE EXTERIOR SHALL RECEIVE TWO BITUMINOUS COATS.



DOGHOUSE SANITARY SEWER MANHOLE DETAIL

SCALE: 1/4"=1'-0"



NOTES:

1. DROP MANHOLE SHALL BE INSTALLED WHERE IN/OUT INVERTS VARY BY GREATER THAN 24". COMPLETED MANHOLE STRUCTURE SHALL BE RATED FOR H-20 + 25% IMPACT LOADING
2. ALL DROP MANHOLES SHALL RECEIVE SPLASH GUARD.
3. MANHOLE TO BE H-20 LOAD RATED
4. MANUFACTURER TO BE WOODARDS OR APPROVED EQUAL.

SANITARY SEWER DROP MANHOLE DETAIL

SCALE: 1/2" = 1'-0"

STATE OF NEW YORK — ROBERT E. MORRISON — 074194 — LICENSED PROFESSIONAL ENGINEER

No.	Date	Description
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Revisions

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www.lrcconsult.com

LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

SANITARY / WATER DETAILS

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	DN21270302.dwg
Drawn	SMC	Project No.	20-2370
Checked	KFC	Date	2021-06-22
Approved	REM	Scale	AS NOTED

Sheet No. **DN-2**

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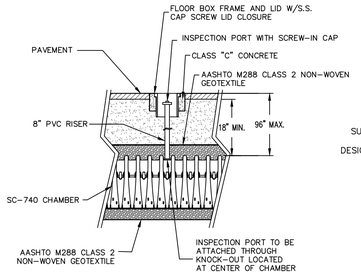
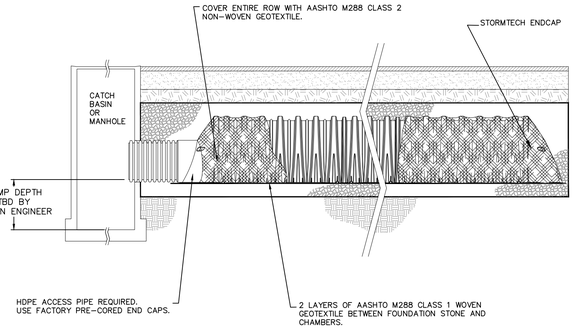


REFER TO PLAN FOR INSPECTION PORT LOCATION ON ISOLATOR ROW.

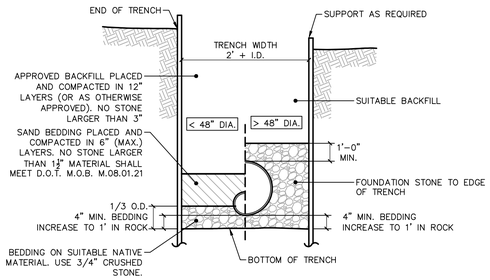
SC-740 INSPECTION PORT DETAIL

NOT TO SCALE



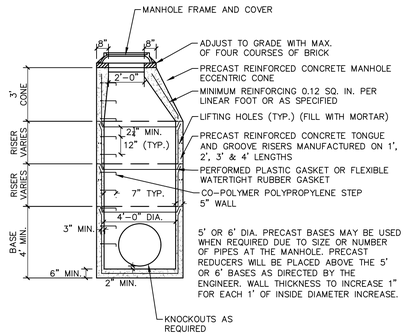
SC-740 ISOLATOR ROW DETAIL

NOT TO SCALE



TYPICAL STORM SEWER TRENCH SECTION DETAIL

SCALE: 1/4" = 1'-0"

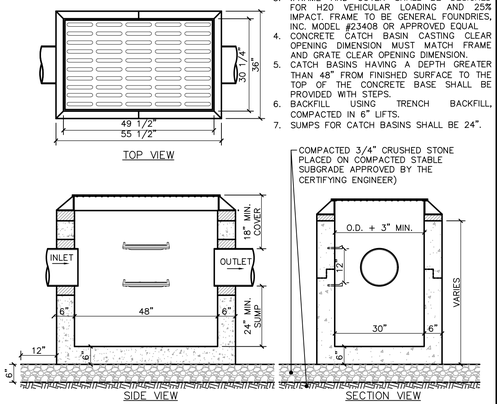


STORM DRAINAGE MANHOLE DETAIL

SCALE: 1/4" = 1'-0"

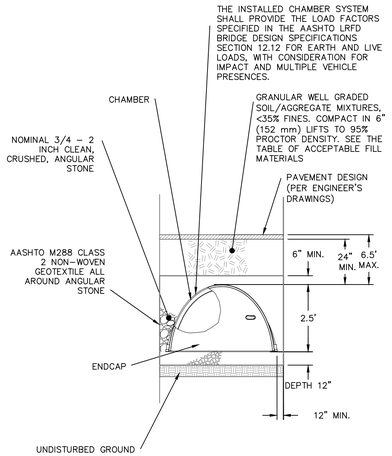
NOTES:

1. PRECAST CONCRETE CATCH BASIN SECTIONS AS MANUFACTURED BY FORT MILLER OR APPROVED EQUAL.
2. CATCH BASIN SHALL BE PRECAST CONCRETE. DESIGNED FOR H20 VEHICULAR LOADING AND 25% IMPACT.
3. FRAME AND COVER SHALL BE DESIGNED FOR H20 VEHICULAR LOADING AND 25% IMPACT. FRAME TO BE GENERAL FOUNDRIES, INC. MODEL #23408 OR APPROVED EQUAL.
4. CONCRETE CATCH BASIN CASTING CLEAR OPENING DIMENSION MUST MATCH FRAME AND GRATE CLEAR OPENING DIMENSION.
5. CATCH BASINS HAVING A DEPTH GREATER THAN 48" FROM FINISHED SURFACE TO THE TOP OF THE CONCRETE BASE SHALL BE PROVIDED WITH STEPS.
6. BACKFILL USING TRENCH BACKFILL, COMPACTED IN 6" LIFTS.
7. SUMPS FOR CATCH BASINS SHALL BE 24".



CURB LESS TYPE CATCH BASIN DETAIL

SCALE: 1/2" = 1'-0"



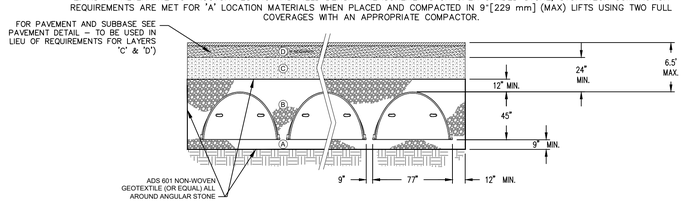
CHAMBER TYPICAL SC 740 CONSTRUCTION SECTION

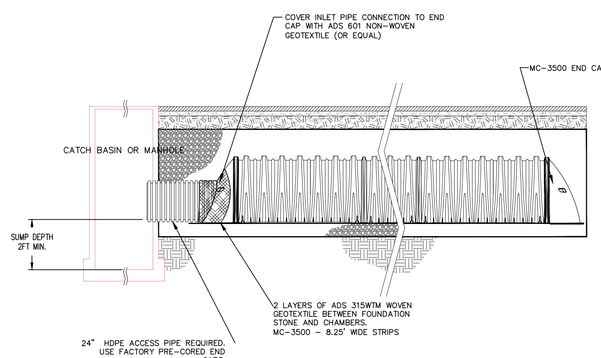
NOT TO SCALE

PLEASE NOTE:

1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: 'CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE'.

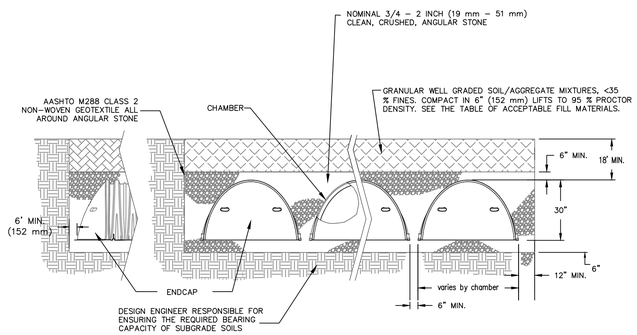
2. AS AN ALTERNATE TO PROCTOR TESTING AND FIELD DENSITY MEASUREMENTS ON OPEN GRADED STONE, STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9"[229 mm] (MAX) LIFTS USING TWO FULL COVERAGES WITH AN APPROPRIATE COMPACTOR.





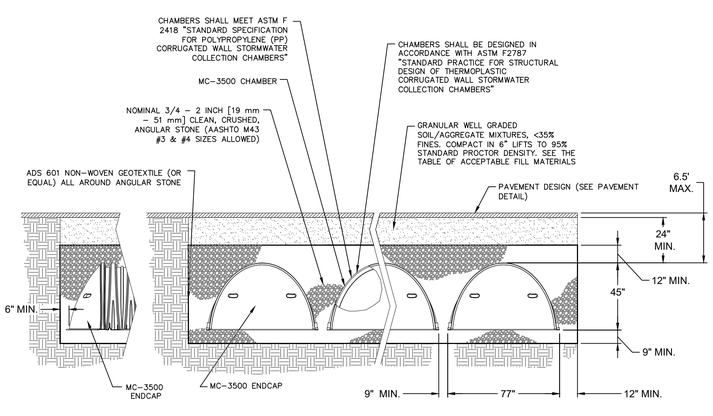
MC3500 CHAMBER TYPICAL CONSTRUCTION SECTION

NOT TO SCALE



SC 740 CHAMBER TYPICAL CONSTRUCTION SECTION

NOT TO SCALE

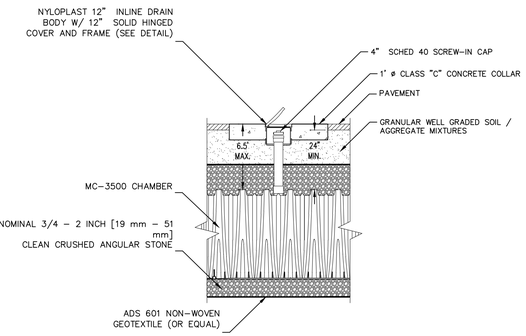


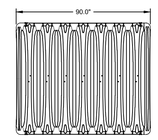
MC3500 CHAMBER TYPICAL CONSTRUCTION SECTION

NOT TO SCALE

NOTES:

1. INSPECTION PORTS MAY BE CONNECTED THROUGH ANY OF (6) CHAMBER CORRUGATION VALLEYS
2. ALL SCHEDULE 40 FITTINGS TO BE SOLVENT CEMENTED.
3. INSPECTION PORT TO BE LOCATED AT EACH END OF ISOLATOR ROW, SEE PLANS



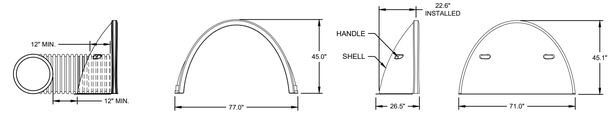


NOMINAL MC-3500 CHAMBER SPECIFICATIONS

SIZE (L x W x H)	90" x 77" x 45"
CHAMBER STORAGE	109.9 ft³
MINIMUM INSTALLED STORAGE	178.9 ft³
WEIGHT	134 lbs.

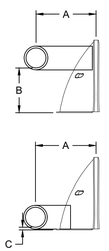
NOMINAL MC-3500 END CAP SPECIFICATIONS

SIZE (L x W x H)	26.5" x 71" x 45.1"
ENDCAP STORAGE	15.6 ft³
MINIMUM INSTALLED STORAGE	46.9 ft³
WEIGHT	43 lbs.



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN THE END CAP OPENING.

HEADER PIPE TO VARY - SEE PLANS



PART NUMBERS ENDING WITH "B" ARE FOR STUBS AT BOTTOM OF END CAP.
PART NUMBERS ENDING WITH "T" ARE FOR STUBS AT TOP OF END CAP.

PART#	STUB	B	C
MC3500TEPE12T	12"	26.36"	N/A
MC3500TEPE12B	12"	N/A	1.35"
MC3500TEPE15T	15"	23.39"	N/A
MC3500TEPE15B	15"	N/A	1.50"
MC3500TEPE18T	18"	20.03"	N/A
MC3500TEPE18B	18"	N/A	1.77"
MC3500TEPE24T	24"	14.48"	N/A
MC3500TEPE24B	24"	N/A	2.06"

NOTE: ALL DIMENSIONS ARE NOMINAL

#	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
6	7/25/2022	REVISED PER COMMENTS
7	09/19/2022	REVISED PER FD COMMENTS
8	11/29/2022	REVISED PER COMMENTS

Revisions

LRC GROUP
• Land Planning
• Civil Engineering
• Environmental Services
• Land Surveying
• Landscape Architecture
160 West Street, Suite E
Cromwell, CT 06416
Tel: 860.635.2877
85 Civic Center Plaza, Suite 204
Poughkeepsie NY 12601
Tel: 845.243.2880
1 International Blvd, Suite 400
Mahwah, NJ 07495
Tel: 908.603.5730
www.lrcconsult.com
LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

STORMWATER DETAILS

ADMIRAL HALSEY II

135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	DN21270303.dwg	Sheet No.	DN-3
Drawn	SMC	Project No.	20-2370		
Checked	KFC	Date	2021-06-22		
Approved	REM	Scale	AS NOTED		

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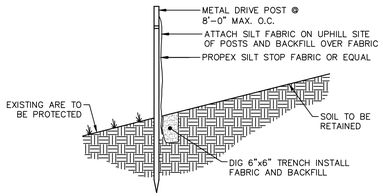
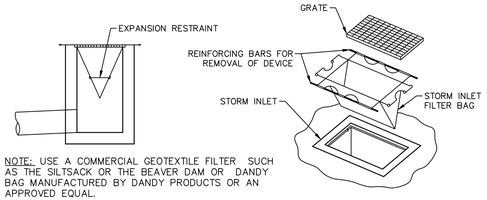


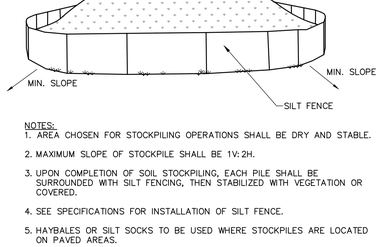
NOTE: FOR SLOPES > S:1; PERPENDICULAR WINGS PLACED EVERY 100'
FOR SLOPES > 3:1 TO 5:1; PERPENDICULAR WINGS PLACED EVERY 75'
FOR SLOPES > 2:1 TO 3:1; PERPENDICULAR WINGS PLACED EVERY 50'

SILT FENCE DETAIL
SCALE: N.T.S.



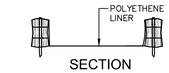
NOTE: USE A COMMERCIAL GEOTEXTILE FILTER SUCH AS THE SILTSACK OR THE BEAVER DAM OR DANDY BAG MANUFACTURED BY DANDY PRODUCTS OR AN APPROVED EQUAL.

SILT SACK DETAIL
SCALE: N.T.S.

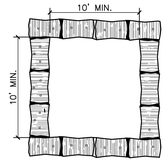


NOTES:
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1V:2H.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS FOR INSTALLATION OF SILT FENCE.
5. HAYBALES OR SILT SOCKS TO BE USED WHERE STOCKPILES ARE LOCATED ON PAVED AREAS.

MATERIALS STOCKPILE DETAIL
SCALE: N.T.S.



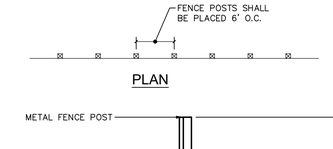
SECTION



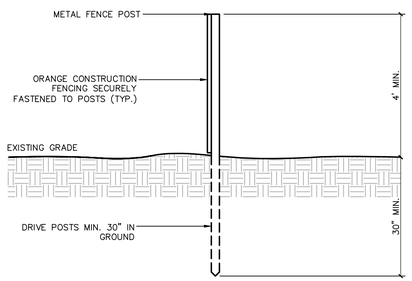
PLAN

NOTES:
1. CONCRETE WASHOUT SIGN TO BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
2. REMOVE HARDENED CONCRETE WHEN WITHIN 4" FROM TOP OF STRUCTURE.
3. CONSTRUCT NEW FACILITIES ONCE CURRENT FACILITIES ARE TWO-THIRDS FULL. IF CONCRETE HAS NOT HARDENED CONSTRUCT NEW FACILITIES ONCE CURRENT FACILITY IS TWO-THIRDS FULL.
4. LINERS, HAYBALES, ET.C SHALL BE INSPECTED FOR DAMAGE. ANY DAMAGE SHALL BE REPAIRED PROMPTLY.
5. SEPARATE FACILITIES TO BE USED FOR VEHICLE WASHING IF NEEDED.
6. NO CONCRETE IS TO BE WASHOUT OUT ON THE GROUND IN ANY LOCATION.

ABOVE GROUND TEMPORARY CONCRETE/VEHICLE WASHOUT FACILITY DETAIL
SCALE: 1/8" = 1'-0"

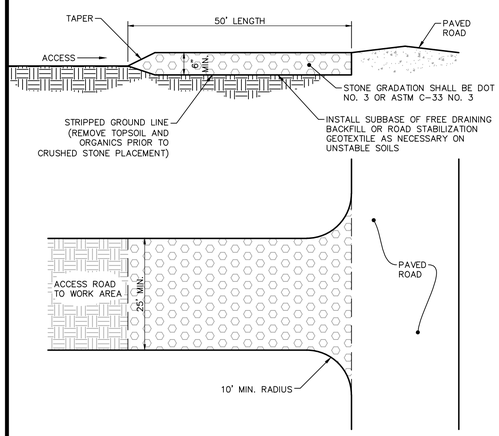


PLAN

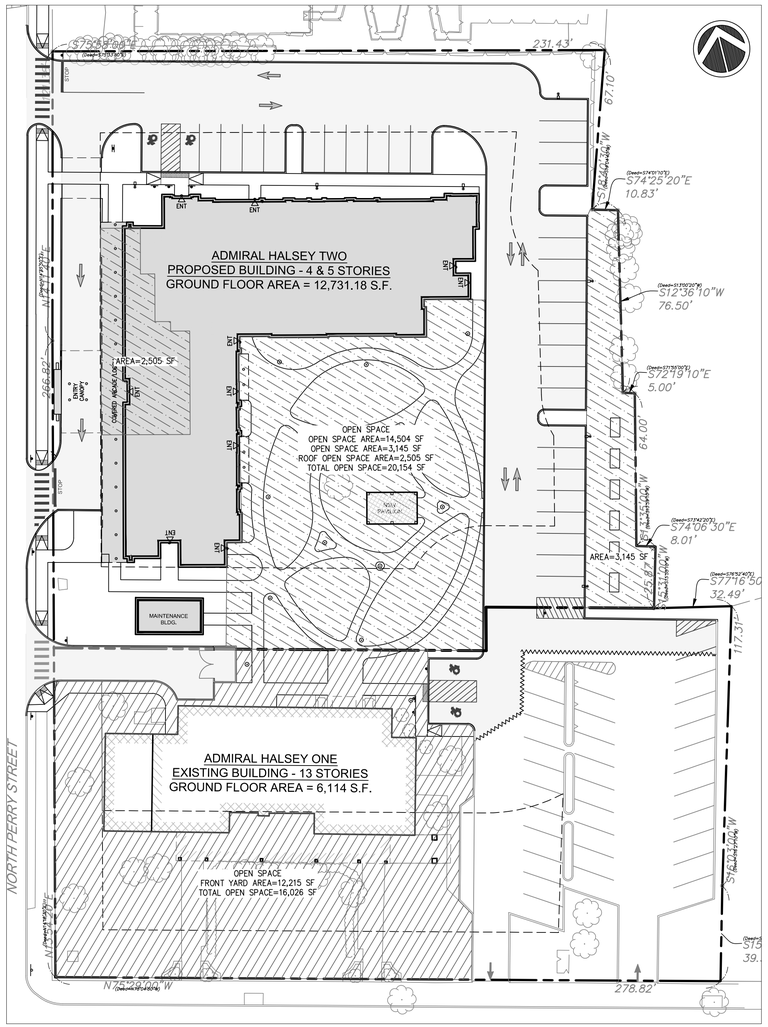


SECTIONAL ELEVATION

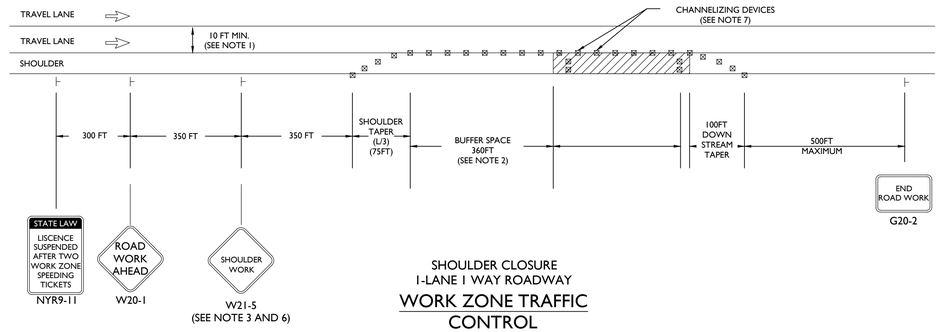
ORANGE CONSTRUCTION FENCE DETAIL
SCALE: 1/2" = 1'-0"



CONSTRUCTION ENTRANCE DETAIL
SCALE: 1/16" = 1'-0"

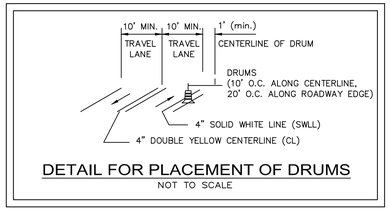


OPEN SPACE PLAN
SCALE: 1"=30'



SHOULDER CLOSURE
1-LANE 1 WAY ROADWAY

WORK ZONE TRAFFIC CONTROL
NOT TO SCALE



DETAIL FOR PLACEMENT OF DRUMS
NOT TO SCALE

GRAPHIC SCALE
20 10 0 20
SCALE IN FEET

STATE OF NEW YORK
RODNEY E. MORRISON
LICENSED PROFESSIONAL ENGINEER
071154

#	Date	Description
4	7/6/2022	REVISED PER COMMENTS
5	7/15/2022	REVISED PER COMMENTS
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EROSION CONTROL DETAILS

ADMIRAL HALSEY II
135 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	DN21270304.dwg	Sheet No.
Drawn	SMC	Project No.	20-2370	DN-4
Checked	KFC	Date	2021-06-22	
Approved	REM	Scale	AS NOTED	

X:\JOBS\Jobs 2021\21-2730-Admiral Halsey Phase II-Omni New York, LLC\DWG\DN21270304.dwg 11/15/2022 11:50 AM SCurcon

PROJECT TITLE:

ADMIRAL HALSEY II

PROJECT ADDRESS:

135 MAIN STREET
POUGHKEEPSIE, NY 12601

CLIENT:

OMNI NEW YORK
909 THIRD AVE., 21ST FLOOR
NEW YORK CITY, NY 10022

CITY PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK

SITE PLAN APPROVAL

FILE NO:

PROJECT NAME:

PROJECT LOCATION:

APPLICANT:

OFFICIALLY APPROVED at the Planning Board
Meeting held the _____ day of _____ 2_____

PLANNING CHAIR:

DESIGNEE:

DATE SIGNED:

CONDITION(S):

CITY OF POUGHKEEPSIE DEPARTMENTAL SIGNATURES
(Required Before Chairman's Signature)

Fire Chief _____ Date _____

Police Chief _____ Date _____

Building Inspector _____ Date _____

City Engineer _____ Date _____

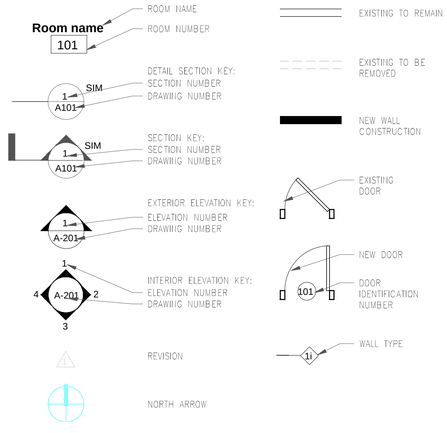
Commissioner of Public Works _____ Date _____

ABBREVIATIONS

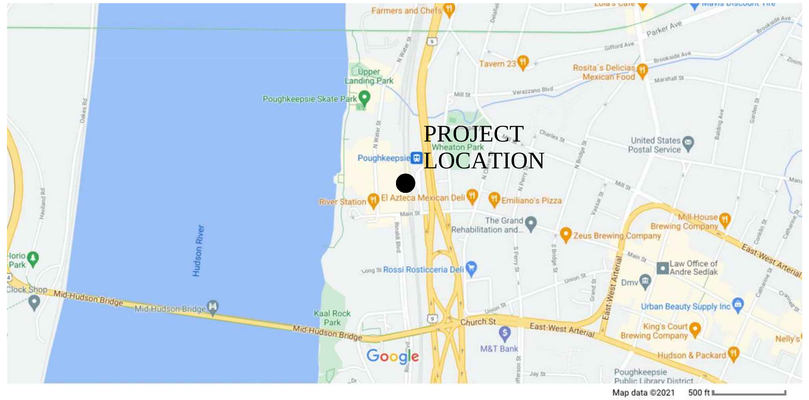
A	ACOUST.	ACOUSTICAL
	A.C.T.	ACOUSTICAL CEILING TILE
	A.F.F.	ABOVE FINISHED FLOOR
	ALUM.	ALUMINUM
	ANOD.	ANODIZED
	APPROX.	APPROXIMATE
	AVG.	AVERAGE
B	B.O.	BOTTOM OF
	BLDG.	BUILDING
	BLKG.	BLOCKING
	BRG.	BEARING
C	CAB.	CABINET
	CLG.	CEILING
	C.J.	CONTROL JOINT
	C.L.	CENTER LINE
	CLOS.	CLOSET
	CLR.	CLEAR
	C.M.U.	CONCRETE MASONRY UNIT
	CNTR.	COUNTER
	COL.	COLUMN
	CONC.	CONCRETE
	CONSTR.	CONSTRUCTION
	CONT.	CONTINUOUS
	CONTR.	CONTRACTOR
	C.T.	CERAMIC TILE
D	DBL.	DOUBLE
	DIA.	DIAMETER
	DIM.	DIMENSION
	DN.	DOWN
	DR.	DOOR
	DTL.	DETAIL
	DWG	DRAWING
E	EA.	EACH
	E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM
	ELECT.	ELECTRIC/ELECTRICAL
	ELEV.	ELEVATION
	EQ.	EQUAL
	EQUIP.	EQUIPMENT
	ETC.	ET CETERA
	EXIST.	EXISTING
	EXT.	EXTERIOR
F	F.D.	FLOOR DRAIN
	FDN.	FOUNDATION
	F.E.	FIRE EXTINGUISHER
	FIN.	FINISH
	FIXT.	FIXTURE
	FLR.	FLOOR
	F.R.P.	FIBERGLASS REINF. PLASTIC
	FT.	FEET/FOOT
	FTG.	FOOTING
G	GA.	GAGE/GUAGE
	GALV.	GALVANIZED
	G.C.	GENERAL CONTRACTOR
	GL.	GLASS
	GYP.	GYPSUM
H	H.C.	HANDICAP ACCESSIBLE
	H.C.	HOLLOW CORE
	HDR.	HEADER
	H.M.	HOLLOW METAL
	H.P.	HIGH POINT
	H.R.C.	HEATING & REFRIGERATION CONTRACTOR(S)
	HT.	HEIGHT
	H.V.A.C.	HEATING, VENTILATION, AIR CONDITIONING
I	IN.	INCHES
	INFO.	INFORMATION
	INT.	INTERIOR
	INSUL.	INSULATION
J	J-BOX	JUNCTION BOX
	JST.	JOIST
K	K.E.S.	KITCHEN EQUIPMENT SUPPLIER
L	LAM.	LAMINATE
	LAV.	LAVATORY
	LBS.	POUNDS
	L.F.	LINEAL FOOT
	L.P.	LOW POINT
M	MANUF.	MANUFACTURER
	MAX.	MAXIMUM
	MECH.	MECHANICAL
	MIN.	MINIMUM
	MISC.	MISCELLANEOUS
	M.O.	MASONRY OPENING
	MSRY.	MASONRY
	MTD.	MOUNTED
	MTL.	METAL
N	N.I.C.	NOT IN CONTRACT
	N.T.S.	NOT TO SCALE
O	O.C.	ON CENTER
	O.D.	OUTSIDE DIAMETER
	O.H.	OPPOSITE HAND
	OPNG.	OPENING
	OPP.	OPPOSITE
	OPT.	OPTIONAL
P	PL.	PLATE
	PLUMB.	PLUMBING
	PLYWD.	PLYWOOD
	PNL.	PANEL
	PR.	PAIR
	PREP.	PREPARATION/PREPARED
	PT.	PART/POINT
R	R.A.	RETURN AIR
	RAD.	RADIUS
	RECPT.	RECEPTACLE
	REINF.	REINFORCING
	REQ'D.	REQUIRED
	R.O.	ROUGH OPENING
	R.T.U.	ROOF TOP UNIT
S	S.C.	SOLID CORE
	SCHD.	SCHEDULE
	SF.	STOREFRONT
	SHT.	SHEET
	SIM.	SIMILAR
	SPECS.	SPECIFICATIONS
	SPRINK.	SPRINKLERS
	SQ.	SQUARE
	S.S.	STAINLESS STEEL
	STD.	STANDARD
	STL.	STEEL
	STRUCT.	STRUCTURAL/STRUCTURE
	SUSP.	SUSPENDED
T	T.O.	TOP OF
	T&B	TOP & BOTTOM
	T&G	TONGUE & GROOVE
	TEMP.	TEMPERED
	TYP.	TYPICAL
V	V.	VOLT/VOLTAGE
	V.C.T.	VINYL COMPOSITION TILE
	VERT.	VERTICAL
W	W/	WITH
	W/O	WITHOUT
	W.B.	WALL BASE
	W.C.	WATER CLOSET
	WD.	WOOD
	W.H.	WATER HEATER
	WDW.	WINDOW
	WT.	WEIGHT
	W.W.F.	WELDED WIRE FABRIC

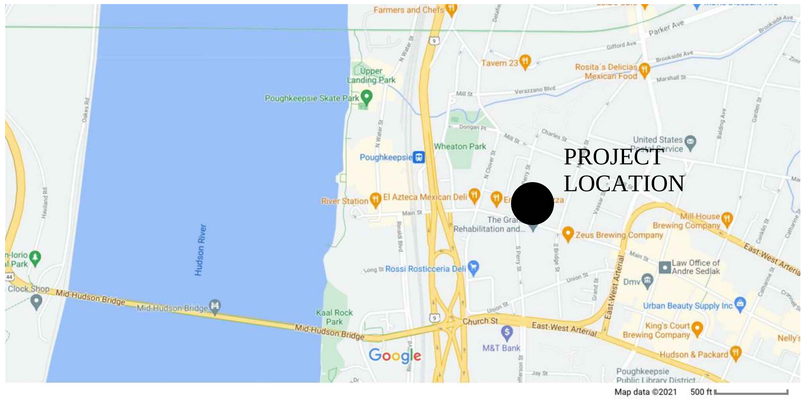
SITE DATA

SYMBOL LEGEND



LOCATION MAP





DRAWING INDEX

Sheet Number	Sheet Name
1 - GENERAL	
T-101	TITLE SHEET
G-100	ADJOINING PROPERTIES MAP
2 - ARCHITECTURAL	
PZ-100	GROUND FLOOR PLAN
PZ-101	2ND - 4TH FLOOR PLANS
PZ-102	5TH FLOOR PLAN
PZ-103	WEST ELEVATION / SOUTH ELEVATION
PZ-104	EAST ELEVATION / NORTH ELEVATION
PZ-105	WEST SITE SECTION/SOUTH SITE SECTION
PZ-106	EAST SITE SECTION/NORTH SITE SECTION
PZ-107	RENDERINGS
PZ-108	RENDERINGS
PZ-109	PHOTOS OF ADJACENT PROPERTIES
PZ-110	MATERIAL BOARD
PZ-111	GAZEBO PLAN & ELEVATIONS
3 - CIVIL	
CV-1	COVER SHEET - not included this submission
EX-1	EXISTNG CONDITIONS
SUB-1	SUBDIVISION PLAT - not included this submission
DM-1	DEMOLITION PLAN
SP-1	SITE PLAN
SG-1	SITE GRADING - not included this submission
SD-1	SITE DRAINAGE - not included this submission
UT-1	UTILITIES PLAN
EC-1	EROSION & SEDIMENT CONTROL PLAN - not included
LL-1	LANDSCAPE PLAN
LP-1	SITE LIGHTING PLAN
TT-1	TRUCK TURNING PLAN - not included this submission
NS-1	NOTES SHEET - not included this submission
DN-1	SITE DETAILS - not included this submission
DN-2	SANITARY / WATER DETAILS
DN-3	STORMWATER DETAILS - not included this submission
DN-4	EROSION CONTROL DETAILS

REVISION 1: ISSUED TO PLANNING BOARD - 2022.03.01

*THIS DRAWING IS FOR SCHEMATIC DESIGN PURPOSES ONLY AND IS NOT INTENTED FOR CONSTRUCTION. ACTUAL CONSTRUCTION DRAWINGS, AND SUBSEQUENT CONSTRUCTION MAY DIFFER SIGNIFICANTLY FROM THIS REPRESENTATION.

TINKELMAN ARCHITECTURE
25 Van Wagner Road,
Poughkeepsie,
New York 12603
www.tinkarch.com

CLIENT NAME: OMNI NEW YORK
909 THIRD AVE., 21st FLOOR
NEW YORK CITY, NY 10022

PROJECT NAME: ADMIRAL HALSEY II
135 MAIN STREET
POUGHKEEPSIE, NY 12603

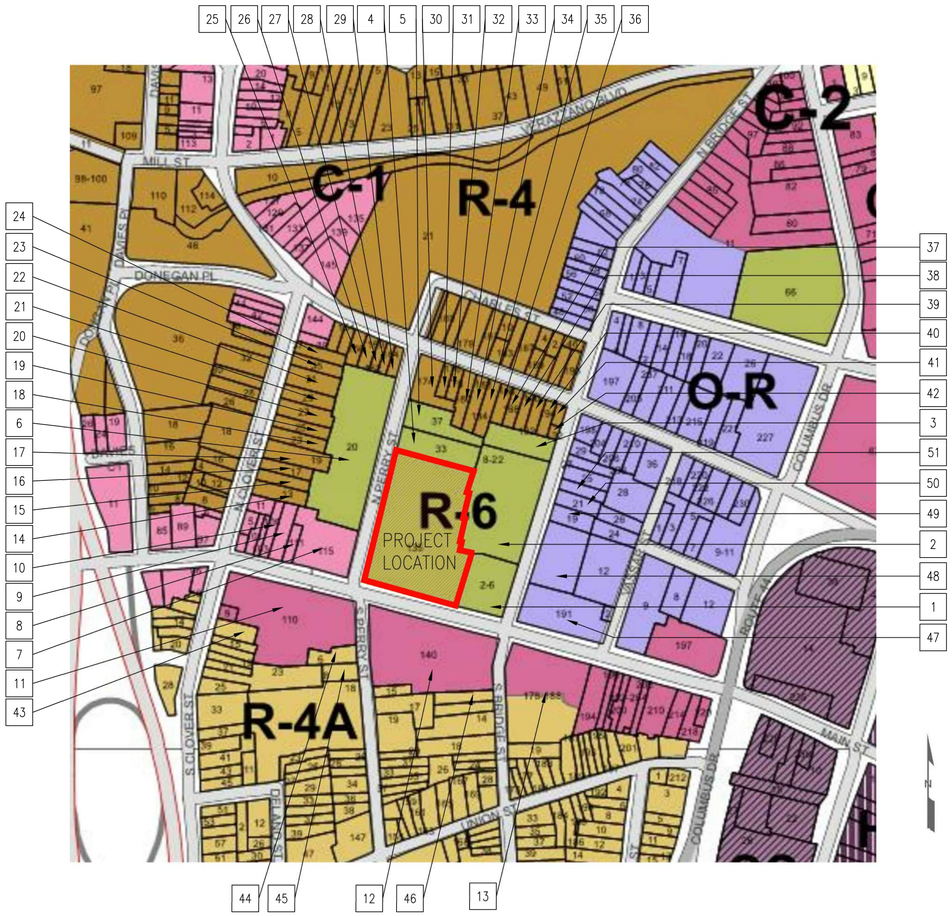
REGISTERED ARCHITECT STEVEN TINKELMAN 16526 STATE OF NEW YORK

TITLE SHEET

Date: 2022.12.06
Project number: C1629.40

T-101

6/3/2021 10:45:37 AM



1 ADJOINING PROPERTY OWNER PLAN
NOT TO SCALE

ADJOINING PROPERTY OWNER LEGEND

ZONE	ID No.	LOT No.	PRIMARY OWNER/ADDRESS
R-1	1	925155	JOACHIM KIEFERT NEWBURGH GmbH 35 MANCHESTER CIRCLE POUGHKEEPSIE, NY 12601
	2	931179	JOHN F. BAHRENBURG – TRUSTEE 248 OVERLOOK ROAD POUGHKEEPSIE, NY 12603
	3	935196	MILL STREET ESTATES LLC 39 HOOSE BLVD FISHKILL, NY 12524
	4	912195	CITY OF POUGHKEEPSIE P.O. BOX 300 POUGHKEEPSIE NY 12602
	5	910206	15037 VICTORY LLC 4530 E. THOUSAND OAKS BLVD WESTAGE VILLAGE, CA 91362
	6	888192	15037 VICTORY LLC 4530 E. THOUSAND OAKS BLVD WESTAGE VILLAGE, CA 91362
	7	840167	DANIEL MILANESE – TRUSTEE 115 MAIN STREET POUGHKEEPSIE, NY 12601
	8	871168	DANIEL MILANESE – TRUSTEE 115 MAIN STREET POUGHKEEPSIE, NY 12601
	9	868171	DANIEL MILANESE – TRUSTEE 115 MAIN STREET POUGHKEEPSIE, NY 12601
	10	865172	RODOLFO GUERRIERO LT 29 WORRALL AVENUE. POUGHKEEPSIE NY 12603
C-2	11	870147	MARSHALL & STERLING REALTY INC. 110 MAIN STREET POUGHKEEPSIE NY 12601
	12	906135	RIVER VALLEY REALTY CO. LP 143-10 20TH AVENUE WHITESTONE, NY 11357
	13	944121	QUEEN CITY LOFT HOUSING DEV. 34 CLAYTON BLVD. BALDWIN PLACE, NY 10505
R-4	14	867182	WILSON F. VILLA 13 NORTH CLOVER STREET POUGHKEEPSIE NY 12601
	15	868186	CAROL E. GUSTAFSON 649 NOXON ROAD POUGHKEEPSIE NY 12601
	16	869189	R.F. REYNOLDS PROPERTY & ACQUISITION CORP. 21 MARWILL STREET ALBANY, NY 12209
	17	873193	POUGHKEEPSIE APOSTOLIC CHURCH 19 N. CLOVER STREET POUGHKEEPSIE NY 12601
	18	872198	HEIDIN N. QUIJADA GUERRA 27 N. CLOVER STREET POUGHKEEPSIE, NY 12601
	19	873201	ELBIN ANTONIO QUIJADA GUERRA 25 N. CLOVER STREET POUGHKEEPSIE, NY 12601
	20	874205	ALEYDA JUDITH QUIJADA GUERRA 27 N. CLOVER STREET POUGHKEEPSIE, NY 12601
	21	875209	ANTAR CAPITAL LLC 3224 CHURCH STREET POUGHKEEPSIE NY 12601
	22	876214	GIULIO MAZZARELLI – TRUSTEE 32 SCHOOLHOUSE LANE POUGHKEEPSIE NY 12603
	23	877219	GIULIO MAZZARELLI – TRUSTEE 32 SCHOOLHOUSE LANE POUGHKEEPSIE NY 12603
	24	878222	GIULIO MAZZARELLI – TRUSTEE 32 SCHOOLHOUSE LANE POUGHKEEPSIE NY 12603
	25	889224	JOHN P. LEONARD 4 KEITH PLACE POUGHKEEPSIE NY 12603
	26	892222	JOHN P. LEONARD 4 KEITH PLACE POUGHKEEPSIE NY 12603
	27	895222	JOHN P. LEONARD 4 KEITH PLACE POUGHKEEPSIE NY 12603

ADJOINING PROPERTY OWNER LEGEND

ZONE	ID No.	LOT No.	PRIMARY OWNER/ADDRESS
R-4	28	898221	3 GEMMS REALTY LLC 30 MANCHESTER ROAD POUGHKEEPSIE, NY 12603
	29	900220	JOHN LEONARD 4 KEITH PLACE POUGHKEEPSIE, NY 12603
	30	909213	JOHN P. LEONARD 4 KEITH PLACE POUGHKEEPSIE, NY 12603
	31	914214	LORY PROPERTIES CORP. P.O. BOX 235 STORMVILLE, NY 12582
	32	917213	333 MANSION LLC 35 MILE HILL ROAD HIGHLAND, NY 12528
	33	920209	SHANE BARTHOLOMEW 70 WHITTIER BLVD POUGHKEEPSIE, NY 12603
	34	923208	TURNOVER 2 LLC 117 EXECUTIVE DRIVE NEW WINDSOR, NY 12553
	35	927207	MICHAEL HOMAK 184 MILL STREET POUGHKEEPSIE, NY 12601
	36	931207	JAMES DOLFINGER 186 MILL STREET POUGHKEEPSIE, NY 12601
	37	934206	KMM PROPERTIES LLC 46 VASSAR ROAD POUGHKEEPSIE NY 12603
	38	937205	TONIO CAPPIELLO 192 MILL STREET POUGHKEEPSIE NY 12601
	39	940204	TONIO CAPPIELLO 192 MILL STREET POUGHKEEPSIE NY 12601
	40	943203	JOSHUA TAYLOR 194 MILL STREET POUGHKEEPSIE, NY 12601
	41	947204	VICTOR JOSEPH TROCINO 158 MORTON ROAD RHINRBECK, NY 12572
	42	945199	T.J. ASSOCIATES INC. P.O. BOX 5310 POUGHKEEPSIE NY 12602
R-4A	43	855143	MARSHALL & STERLING REALTY INC. 110 MAIN STREET POUGHKEEPSIE NY 12601
	44	881134	MARSHALL & STERLING REALTY INC. 110 MAIN STREET POUGHKEEPSIE NY 12601
	45	884129	BURTON COLD PROPERTIES LLC 12 RAYMOND AVE NE POUGHKEEPSIE, NY 12603
	46	920123	NORTH EASTERN CONFERENCE CORP. 115-50 MERRICK BLVD. JAMAICA, NY 11434
R-4A	47	941153	CMRC LTD 4 BRIDGE STREET BROADALBIN, NY 12025
	48	947163	NORTH EASTERN CONFERENCE CORP. 115-50 MERRICK BLVD. JAMAICA, NY 11434
	49	951174	NORTH EASTERN CONFERENCE CORP. 115-50 MERRICK BLVD. JAMAICA, NY 11434
	50	952178	NORTH EASTERN CONFERENCE CORP. 115-50 MERRICK BLVD. JAMAICA, NY 11434
	51	954182	NORTH EASTERN CONFERENCE CORP. 115-50 MERRICK BLVD. JAMAICA, NY 11434
	52	955186	ANGELA LEMOS 25 N. BRIDGE STREET POUGHKEEPSIE NY 12601

*THIS DRAWING IS FOR SCHEMATIC DESIGN PURPOSES ONLY AND IS NOT INTENTED FOR CONSTRUCTION. ACTUAL CONSTRUCTION DRAWINGS, AND SUBSEQUENT CONSTRUCTION MAY DIFFER SIGNIFICANTLY FROM THIS REPRESENTATION.

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NEW YORK CITY, NY 10022

PROJECT NAME:
ADMIRAL HALSEY II
135 MAIN STREET
POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 18526 STATE OF NEW YORK

ADJOINING PROPERTIES MAP

Date: 2021.12.21
Project number: Y1629.20

G-100

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1/4/2021 7:15:06 AM

FUNCTION LEGEND

- STUDIO UNIT
- ONE BEDROOM UNIT
- TENANT AMENITIES
- TENANT SERVICES
- BUILDING MANAGEMENT
- COMMUNITY AMENITIES
- HCR SERVICES
- BUILDING SERVICES

N

1 1ST FLOOR PLAN
1/8" = 1'-0"

0' 4' 8' 16'

*THIS DRAWING IS FOR SCHEMATIC DESIGN PURPOSES ONLY AND IS NOT INTENTED FOR CONSTRUCTION. ACTUAL CONSTRUCTION DRAWINGS, AND SUBSEQUENT CONSTRUCTION MAY DIFFER SIGNIFICANTLY FROM THIS REPRESENTATION.

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POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 18528 STATE OF NEW YORK

GROUND FLOOR PLAN

Date: 2022.04.26
Project number: Y1629.20

PZ-100

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FUNCTION LEGEND

STUDIO UNIT	
ONE BEDROOM UNIT	
TENANT AMENITIES	
TENANT SERVICES	
BUILDING MANAGEMENT	
COMMUNITY AMENITIES	
HCR SERVICES	
BUILDING SERVICES	

1 2ND - 4TH FLOOR PLAN
1/8" = 1'-0"

0' 4' 8' 16'

N

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PROJECT NAME:
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POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 18526 STATE OF NEW YORK

2ND - 4TH FLOORS

Date: 2022.04.26
Project number: Y1629.20

PZ-101

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3 5TH FLOOR PLAN
1/8" = 1'-0"

1 TYP. STAIR TOWER: 5TH FL / ROOF
1/8" = 1'-0"

FUNCTION LEGEND

STUDIO UNIT	
ONE BEDROOM UNIT	
TENANT AMENITIES	
TENANT SERVICES	
BUILDING MANAGEMENT	
COMMUNITY AMENITIES	
HCR SERVICES	
BUILDING SERVICES	

0' 4' 8' 16'

N

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REGISTERED ARCHITECT STEVEN TINKELMAN 16528 STATE OF NEW YORK

5TH FLOOR

Date: 2022.04.26
Project number: Y1629.20

PZ-102

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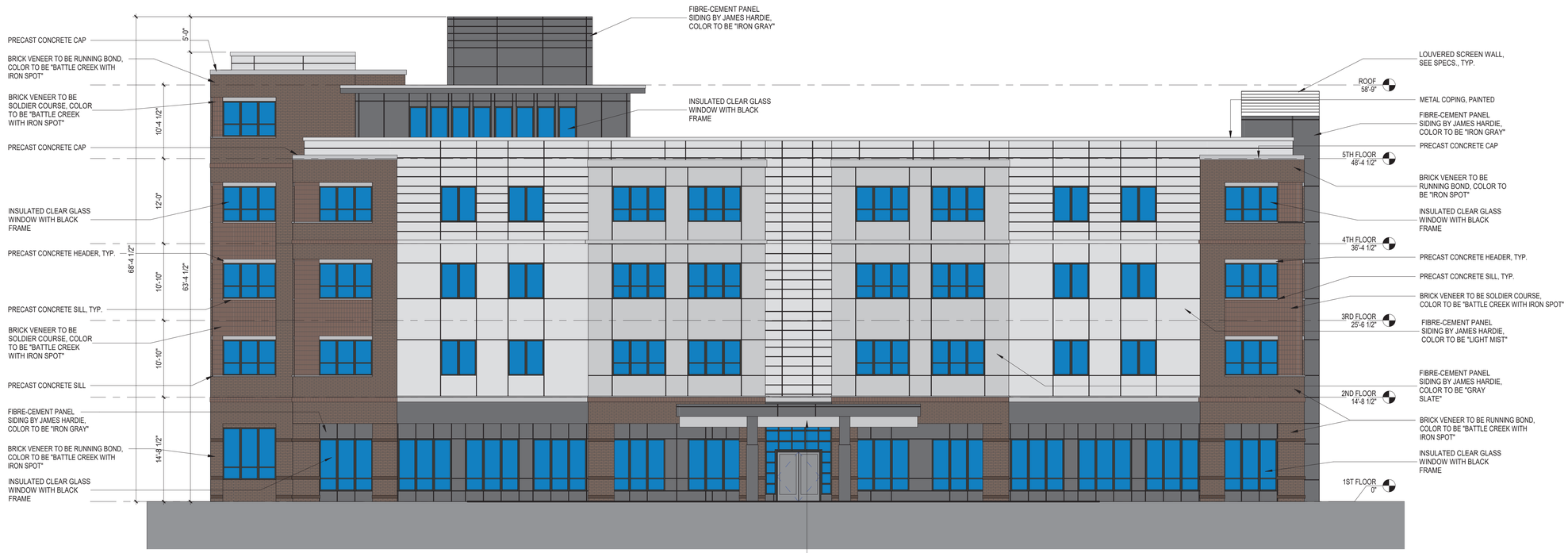

1 WEST ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'

2 SOUTH ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'

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PROJECT NAME:

ADMIRAL HALSEY II

135 MAIN STREET
POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 18528 STATE OF NEW YORK

WEST ELEVATION
SOUTH ELEVATION

Date: 2022.04.26
Project number: Y1629.20

PZ-103

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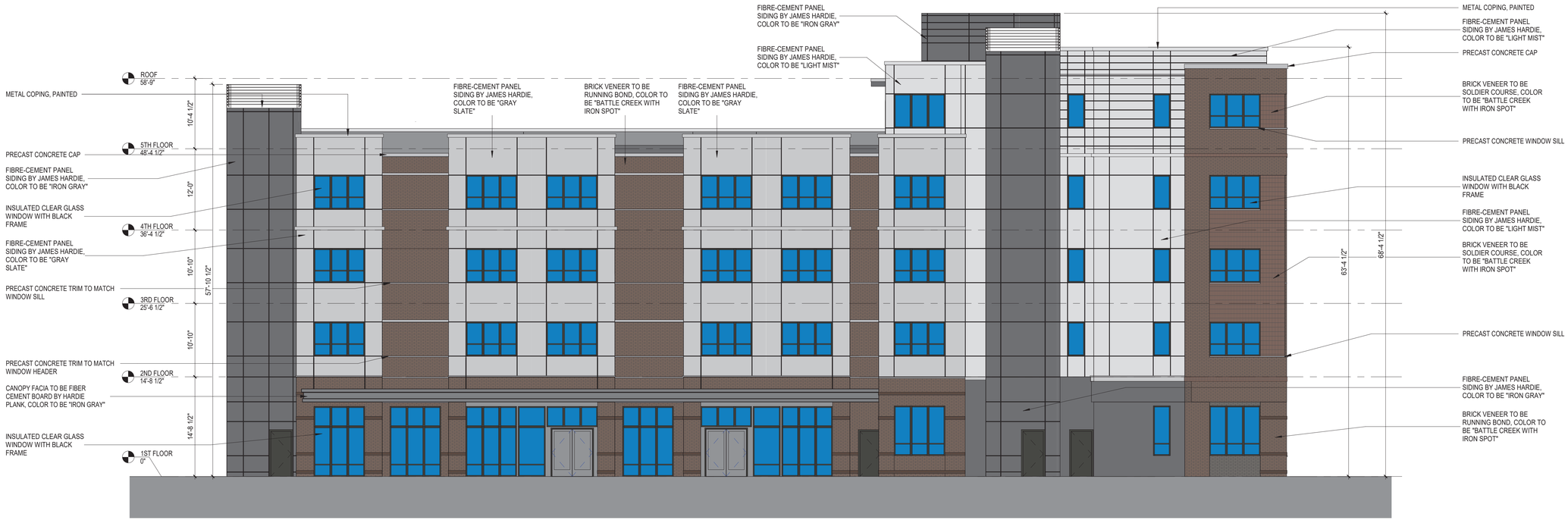

1 EAST ELEVATION
1/8" = 1'-0"
0' 4' 8' 16'

2 NORTH ELEVATION
1/8" = 1'-0"
0' 4' 8' 16'

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PROJECT NAME:
ADMIRAL HALSEY II
135 MAIN STREET
POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 16526 STATE OF NEW YORK

EAST ELEVATION
NORTH ELEVATION

Date: 2022.04.26
Project number: Y1629.20

PZ-104

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4/5/2022 9:31:49 AM

2 SITE SECTION: WEST ELEVATION
NOT TO SCALE

1 SITE SECTION: SOUTH ELEVATION
NOT TO SCALE

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PROJECT NAME:
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135 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 16528 STATE OF NEW YORK

WEST SITE SECTION
SOUTH SITE SECTION

Date: 2022.03.01
Project number: Y1629

PZ-105

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2 SITE SECTION: EAST ELEVATION
NOT TO SCALE

1 SITE SECTION: NORTH ELEVATION
NOT TO SCALE

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135 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 16526 STATE OF NEW YORK

EAST SITE SECTION
NORTH SITE SECTION

Date: 2022.03.01
Project number: Y1629

PZ-106

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NEW YORK CITY, NY 10022

PROJECT NAME:

ADMIRAL HALSEY II

135 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 16528 STATE OF NEW YORK

RENDERINGS

Date: 2022.04.26
Project number: Y1629

PZ-107

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PROJECT NAME:

ADMIRAL HALSEY II

135 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 16526 STATE OF NEW YORK

RENDERINGS

Date: 2022.04.26
Project number: Y1629

PZ-108

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1 33 N. Perry St. - Abandon Water Park - 2021.06.01

2 33 N. Perry St. - Abandon Water Park - 2016.11.01

3 N. Perry St. - 2021.06.01

4 NW Corner N. Perry St. - 2016.11.01

5 115 Main Street - 2021.11.01

6 110 Main Street - 2021.06.01

7 140 Main Street - NW - 2021.06.01

8 178-188 Main St - Aerial - 2021.06.01

9 191 Main St - Aerail - 2021.06.01

10 10-135 Main Street - Admiral Halsey One - 2021.06.01

11 PHOTO LEGEND MAP

N

GRAPHIC SCALE
0 50' 100' 200'

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PROJECT NAME:
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135 MAIN STREET
POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 16528 STATE OF NEW YORK

PHOTOS OF ADJOINING PROPERTIES

Date: 2021.12.21
Project number: Y1629.20

PZ-109

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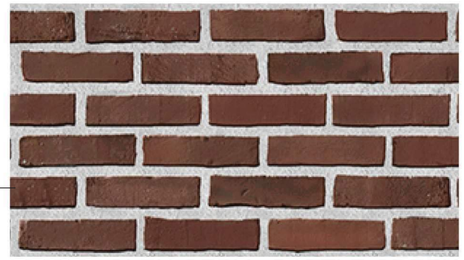
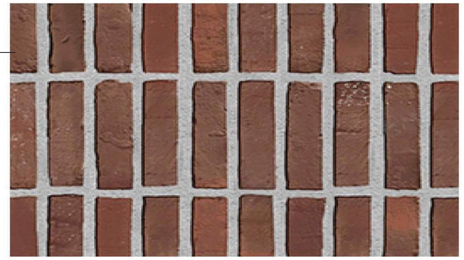
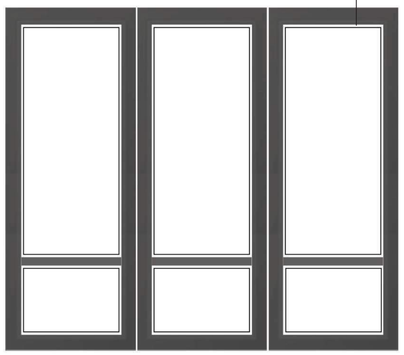


BRICK: GLEN GERY - BATTLE CREEK - RUNNING BOND



BRICK: GLEN GERY - BATTLE CREEK - STACKED BOND

EXT. DOORS / STOREFRONT: KAWNEER



EXT. WINDOWS: INTUS WINDOWS (FIXED/CASEMENT)

PANEL: JAMES HARDIE - LIGHT MIST

PANEL: JAMES HARDIE - GRAY SLATE

PANEL: JAMES HARDIE - IRON GRAY

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PROJECT NAME:
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135 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601

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EXTERIOR MATERIAL BOARD

Date: 2022.03.01
Project number: Y1629

PZ-110

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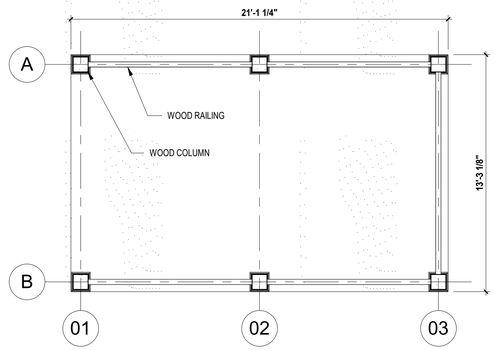
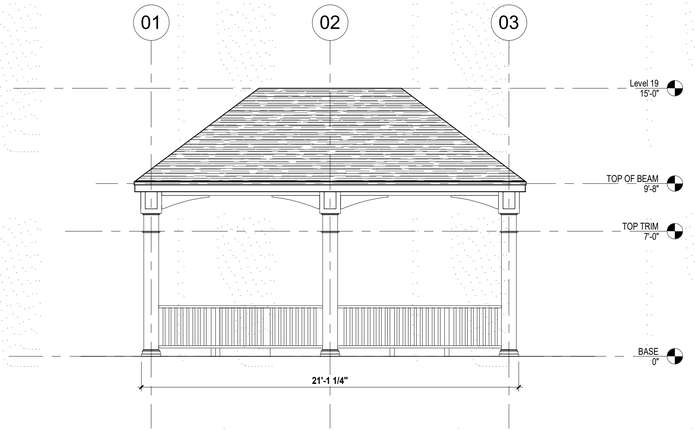
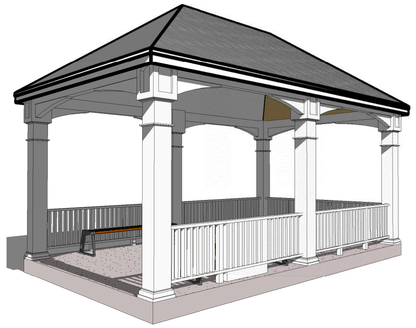


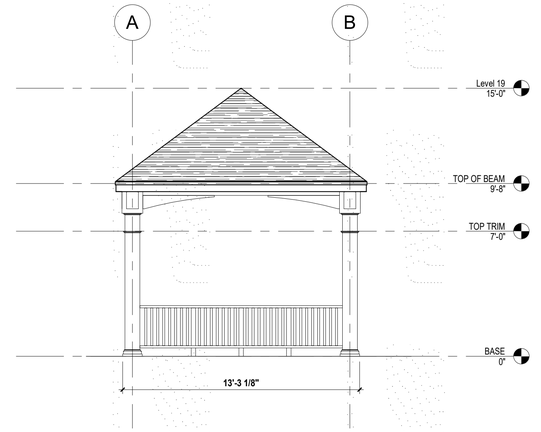
3 FLOOR PLAN
1/4" = 1'-0"



1 LONG ELEVATION
1/4" = 1'-0"



4 GAZEBO VIGNETTE



2 SHORT ELEVATION
1/4" = 1'-0"

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NEW YORK CITY, NY 10022

PROJECT NAME:
ADMIRAL HALSEY II
135 MAIN STREET
POUGHKEEPSIE, NY 12601

REGISTERED ARCHITECT STEVEN TINKELMAN 16526 STATE OF NEW YORK

NO.	SUBMISSION DESCRIPTION	DATE

GAZEBO PLAN & ELEVATIONS

Date: DEC, 06 2022
Project number: C1629.40

PZ-111

12/5/2022 11:11:55 AM

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Admiral Halsey Phase II

Part F: Supplemental Information:

E.1.h. Potential contamination history. Has there been a reported spill at the proposed sit, or have any remedial actions been conducted at or adjacent to the proposed site?

Site ID: 314071 has been identified by the DEC EAF Mapper. However, it has been determined that no significant MGP waste material was found and a No Further Action letter dated 3/12/07. See attached DEC Remedial Database Site Record 314071 attached.

E.1.h.iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?

The EAF Mapper indicates several sites from the DEC Remediation database.

DEC ID: V00292 - Remediation at this site is complete. Prior to remediation, the primary contaminant was coal tar, which contains PAHs and BTEX compounds. It is anticipated that groundwater contamination will continue to exist indefinitely. No groundwater receptors have been identified.

DEC ID: 314068 – Same as above (V00292) per attached report.

DEC ID: 314071 – (Located on project site) Site was given a class of R. Decision was made on 3/12/07 to classify as N. Reclassified to C. This was the site of a small MGP on Main Street and North Perry Street in Poughkeepsie. A senior citizens housing development occupies the site today. The site is included in a multi-site Consent Order #D3-0134-89-05 1/12/90. A Site Assessment (PSA) was performed in 1990. No significant MGP waste material was found, and an NFA letter was sent on 03/12/07. As DER's experience with MGP sites grew, a few data gaps were identified in the original PSA. Central Hudson completed additional investigation work in 2006 to more completely cover the full footprint of the site with borings and test pit additional work confirmed the original conclusion that no significant MGP waste was present at the site. A letter stating this conclusion was issued on 03/12/07. The 1990 PSA found little evidence of MGP wastes in the subsurface. Additional work conducted in2006 addressed potential data gaps in the original PSA. This second round of work also failed to detect significant levels of contamination.

DEC ID: C314125 - Remediation at the site is complete.

DEC ID: C314070 – Remediation is ongoing. See attached report.

DEC ID: C314135 – Remediation is ongoing and measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor.

DEC ID: 314122 - The primary contaminant associated with the site is lead, which resulted from the abatement of lead paint as part of the rehabilitation of the structure. All lead resulting from the abatement was containerized and properly disposed off-site.

DEC ID: 546031- Remediation is ongoing and measures such as, deploying signs and installing various covers and are intended to reduce exposures to PCBs in floodplain soils until a permanent remedy is developed. Additionally, a remedial investigation to address floodplain soils in the Upper Hudson River Floodplain under USEPA and State oversight is now underway.

The reports for the above-mentioned remediation sites can be found in attached. The remediation sites will have no effect on the proposed project.

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Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at DECInfoLocator

Administrative Information

Site Name: CH - Laurel St. - Poughkeepsie MGP
Site Code: V00292
Program: Voluntary Cleanup Program
Classification: C
EPA ID Number:

Location

DEC Region: 3
Address: Laurel Street
City: Poughkeepsie Zip: 12601
County: Dutchess
Latitude: 41.70010088
Longitude: -73.93590927
Site Type:
Estimated Size: 1.5 Acres

Site Owner(s) and Operator(s)

Site Description

Site Location: This 1.5 acre site is located in the City of Poughkeepsie, Dutchess County and it is bounded to the north by Laurel Street, to the east by former Gate Street, to the west by the median between the north and south bound lanes of the Route 9, and to the south by residences along Grove Street. This area of Poughkeepsie is zoned C-3, a general commercial district. Site Features: The site consists of a steep grass covered slope with small trees, and a wooded area that comprises the areas adjacent to and within the median of the Rte 9 divided highway. Current Land Use and Zoning: With the exception of the highway, the site is vacant. This area of Poughkeepsie is zoned C-3, a general commercial district. Past Uses of the Site: The site was formerly used as a manufactured gas plant

(MGP). Seven investigations performed at the site, including a soil vapor survey, identified presence of PAHs and BTEX contamination related to coal tar from the MGP operation. Based on the current conditions at the site, exposure to contaminants released to the air is unlikely due to an absence of elevated organic readings in the ambient air. An additional investigation of river sediments was performed, with no contamination identified. The portion of the site lying to the east of NY Route 9 was remediated using in-situ stabilization (ISS) in 2008. A soil boring/groundwater monitoring program was conducted after the completion of the remediation to assess the extent of tar contamination beneath Route 9 and the impact on groundwater. Significant MGP source material associated with the gas holder remains under the northbound lanes of Rte 9 where it is currently inaccessible.

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type
coal tar
other

Site Environmental Assessment

Remediation at this site is complete. Prior to remediation, the primary contaminant was coal tar, which contains PAHs and BTEX compounds. Tar-impacted subsurface soils were found in an area beneath Route 9 (where most of the plant stood) and in a small grassy lot immediately to the east. This eastern area was remediated by in situ stabilization down to bedrock in 2008. The source areas beneath Route 9, including a gas holder foundation, are inaccessible due to the presence of a highway interchange and are expected to remain so indefinitely. The westward extent of contamination is delineated. A series of perimeter monitoring well clusters have been installed at the edge of the site boundaries (in the median of Rte 9) to assess off-site migration of contamination. Step-out wells to the west of Route 9 (along the upgradient edge of the adjacent Pura site) were installed in early 2011. Currently, quarterly ground water monitoring is ongoing. With significant source areas still remaining beneath NY Route 9, it is anticipated that groundwater contamination will continue to exist indefinitely. No groundwater receptors have been identified.

Site Health Assessment

Exposure to site related contaminants in drinking water is not expected because public water is supplied to all commercial and residential locations in the vicinity of the site.

For more Information: E-mail Us

Refine This Search

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Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at DECInfoLocator

Administrative Information

Site Name: CH - Poughkeepsie MGP Laurel Street
Site Code: 314068
Program: State Superfund Program
Classification: N *
EPA ID Number:

Location

DEC Region: 3
Address: Laurel Street
City: Poughkeepsie Zip: 12601
County: Dutchess
Latitude: 41.70008875
Longitude: -73.93601208
Site Type:
Estimated Size: 0 Acres

Site Owner(s) and Operator(s)

Current Owner Name: CENTRAL HUDSON GAS & ELECTRIC
Current Owner(s) Address: LAUREL STREET
POUGHKEEPSIE,NY, 12601
Current Owner Name: Dutchess Beer Distributors
Current Owner(s) Address: LAUREL STREET
POUGHKEEPSIE,NY, 12601
Current Owner Name: NYS Dept. of Transportation
Current Owner(s) Address: STATE OFFICE BLDG. CAMPUS, BLDG. #5
ALBANY,NY, 12232
Owner(s) during disposal: CENTRAL HUDSON GAS & ELECTRIC
Current On-Site Operator: CENTRAL HUDSON GAS & ELECTRIC
Stated Operator(s) Address: 284 SOUTH AVE.
POUGHKEEPSIE,NY 12601
Current On-Site Operator: Central Hudson Gas & Electric
Stated Operator(s) Address: 284 South Avenue
Poughkeepsie,NY 12601

Site Description

See V00292

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* **Class N Sites:** "DEC offers this information with the caution that the amount of information provided for Class N sites is highly variable, not necessarily based on any DEC investigation, sometimes of unknown origin, and sometimes is many years old. Due to the preliminary nature of this information, significant conclusions or decisions should not be based solely upon this summary."

For more Information: E-mail Us

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Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at DECInfoLocator

Administrative Information

Site Name: CH - Bayeaux Street Poughkeepsie MGP
Site Code: 314071
Program: State Superfund Program
Classification: C
EPA ID Number:

Location

DEC Region: 3
Address: Main Street and North Perry Street
City: Poughkeepsie Zip: 12601
County: Dutchess
Latitude: 41.706217571
Longitude: -73.932790146
Site Type:
Estimated Size: 1.2 Acres

Site Owner(s) and Operator(s)

Current Owner Name: ADMIRAL HALSEY SENIOR VILLAGE INCORPORATED
Current Owner(s) Address: MAIN STREET AND NORTH PERRY STREET
POUGHKEEPSIE,NY, 12601

Site Description

Site was given a class of R. Decision was made on 3/12/07 to classify as N. Reclassified to C. This was the site of a small MGP on Main Street and North Perry Street in Poughkeepsie. A senior citizens housing development occupies the site today. The site is included in a multi-site Consent Order #D3-0134-89-05 1/12/90. A Site Assessment (PSA) was performed in 1990. No significant MGP waste material was found, and an NFA letter was sent on 03/12/07. As DER's experience with MGP sites grew, a few data gaps were identified in the original PSA. Central Hudson completed additional

investigation work in 2006 to more completely cover the full footprint of the site with borings and test pits. The additional work confirmed the original conclusion that no significant MGP waste was present at the site. A letter stating this conclusion was issued on 03/12/07.

Site Environmental Assessment

The 1990 PSA found little evidence of MGP wastes in the subsurface. Additional work conducted in 2006 addressed potential data gaps in the original PSA. This second round of work also failed to detect significant levels of contamination.

Site Health Assessment

No contact with site-related contaminants is expected.

For more Information: E-mail Us

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Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at DECInfoLocator

Administrative Information

Site Name: Queen City Lofts
Site Code: C314125
Program: Brownfield Cleanup Program
Classification: C
EPA ID Number:

Location

DEC Region: 3
Address: 178-188 Main Street and 11 South Bridge Street
City: Poughkeepsie Zip: 12601
County: Dutchess
Latitude: 41.704788889
Longitude: -73.932219444
Site Type:
Estimated Size: 1.051 Acres

Institutional And Engineering Controls

Control Type:
Environmental Easement

Control Elements:
Ground Water Use Restriction
Soil Management Plan
Cover System
Landuse Restriction
Building Use Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Site Owner(s) and Operator(s)

Current Owner Name: The QCL on Main Limited Partnership

Current Owner(s) Address: 34 Clayton Boulevard
Baldwin Place,NY, 10505

Site Document Repository

Name: Poughkeepsie Public Library District
Address: 93 Market Street
Poughkeepsie,NY 12601

Site Description

Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground.

Summary of Project Completion Dates

Projects associated with this site are listed in the Project Completion Dates table and are grouped by Operable Unit (OU). A site can be divided into a number of operable units depending on the complexity of the site and the number of issues associated with a site. Sites are often divided into operable units based on the media to be addressed (such as groundwater or contaminated soil), geographic area, or other factors.

Project Completion Dates

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type
n-propylbenzene
lead
ethylbenzene

mercury
1,2,4-trimethylbenzene
benzo(a)anthracene
xylene (mixed)

Site Environmental Assessment

Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor.

Site Health Assessment

Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor.

For more Information: E-mail Us

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Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at DECInfoLocator

Administrative Information

Site Name: CH - Water St. - Poughkeepsie MGP
Site Code: C314070
Program: Brownfield Cleanup Program
Classification: A
EPA ID Number:

Location

DEC Region: 3
Address: North Water Street
City: Poughkeepsie Zip: 12601
County: Dutchess
Latitude: 41.71134286
Longitude: -73.93974473
Site Type:
Estimated Size: 13 Acres

Site Owner(s) and Operator(s)

Current Owner Name: CENTRAL HUDSON GAS & ELECTRIC CORP.
Current Owner(s) Address:
,ZZ,

Site Document Repository

Name: Adriance Memorial Library
Address: 93 Market Street
Poughkeepsie,NY 12601

Site Description

Location: The site is located on the eastern bank of the Hudson River at the end of Dutchess Avenue, in the north end of the City of Poughkeepsie. The site is approximately 13 acres in size and is bounded by: the Hudson River to the west, Dutchess Avenue to the north, North Water Street to the

east and the Fallkill Creek to the south. An abandoned lumber treatment facility (AC Dutton Lumber), remediated under a Brownfield Cleanup Agreement and currently under redevelopment, forms the remainder of the northern site boundary. To the east, beyond Water Street, lies a Metro North railroad yard. Site Features: The upland portion of the site consists of two relatively flat terraces, separated by steep, rocky slopes with very thin soil cover. The lower terrace lies on the banks of the Hudson River, roughly 5-10 feet above sea level. The upper terrace is roughly 50 feet higher, bordering Water Street. The only permanent structure located at the site is an unoccupied cinder block valve house associated with the gas regulator station. Important energy infrastructure is located on the site. Gas and electric lines cross beneath the Hudson River at this location, and connect with gas and electrical lines which serve much wider areas surrounding Poughkeepsie. An electrical transformer station is located on the lower terrace at the southwestern portion of the site, where the electrical transmission line meets the shoreline and a natural gas regulator station occupies the northwestern corner of the lower terrace of the site where the gas transmission line meets the shoreline. The transformer station and regulator station are each enclosed within a fence. Current Zoning and Land Use: The site is zoned for industrial use. Surrounding land uses are predominantly, but not exclusively, industrial. Immediately north and south of the site, riverfront access provides for recreational use of the waterfront. Immediately across Dutchess Avenue to the north of the site, a large scale restricted residential redevelopment is underway. Two residences are situated directly across Dutchess Avenue at the northeast corner of the site. The City of Poughkeepsie has supported efforts to construct a continuous pedestrian walkway along the river bank, and to connect this walkway with the Walkway Over the Hudson, which occupies a former railroad bridge that spans the site and the Hudson River. It is anticipated that the riverfront walkway may be extended to include riverfront portions of this MGP site at some point in the future. Past Uses of the Site: The site housed a large manufactured gas plant (MGP) from 1911 to the mid-1950s. Coal tar from the gas manufacturing process leaked from storage vessels and piping and is still present in the subsurface. Some of these tars still discharge sporadically into the Hudson River. Previous investigations at the site include: Phase 1 Investigation (1986), Phase 2 Investigation (1990), Supplemental RCRA Testing (1991), Supplemental Preliminary Site Assessment (2000), Supplemental Land Investigation (2003), Supplemental Land and River Investigations (2004), Supplemental River and Land Investigations (2005). Site Geology and Hydrogeology: The upper tier of the site consists of highly deformed slate and limestone bedrock, with a very thin fill cover. The lower tier consists of fill containing broken rock derived from the blasting of the cliff face and silty sand. Bedrock on the lower tier ranges from 0 to 15' below grade, deepening toward the river. Groundwater levels on the upper tier range from 10 to 19 feet below ground surface (bgs) and from 0 to 14 feet bgs on the lower tier. Flow in both the overburden and bedrock aquifers is to the west, toward the river. The Hudson River in this area is a tidal stream and tidal influences to near shore groundwater levels on the lower tier is pronounced.

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type

coal tar
benzene, toluene, ethylbenzene and xylenes (BTEX)
polycyclic aromatic hydrocarbons (PAHS), total

Site Environmental Assessment

Contaminants of Concern: The principal waste disposed on the site was manufactured gas plant (MGP) tar, which is a brown, oily liquid that is slightly denser than water. Large amounts of this tar escaped into the subsurface from plant structures located on the lower terrace near the river bank. This tar can still be found in soils and bedrock beneath the site. Tar was also discharged directly to the Hudson River, where it is found in sediments on the river bottom. The tar contains high levels of benzene, toluene, ethylbenzene and xylenes, collectively known as BTEX, and polycyclic aromatic hydrocarbon (PAH) compounds. Both groups of compounds have been found in site groundwater. Impacted Media: The soil and bedrock aquifers beneath the western portion of the site, along the banks of the Hudson River, are contaminated with separate phase MGP tar and with dissolved benzene, toluene, ethylbenzene and xylene (BTEX) and polycyclic aromatic hydrocarbon (PAH) compounds derived from the tar. MGP tar is being collected on a bi-annual basis from two wells along the western boundary of the site. Over 500 gallons have been collected from one overburden well along the riverfront. Hudson River sediments contain MGP tar and PAH contamination derived from the tar. Subsurface Soil and Bedrock: On the upper tier of the site, tar was observed in bedrock fractures in 3 of 32 soil borings. On the lower tier of the site, tar was observed in subsurface soil in 54 of 68 sample locations. BTEX was detected in 15 of the 20 samples analyzed. PAH constituents were detected in 19 of 20 samples. Total BTEX concentrations ranged from 0.001 to 916 parts per million (ppm) and total PAH concentrations ranged from 0.17 ppm to 16,300 ppm. Twelve of the 20 samples analyzed contained concentrations of the following individual constituents above the industrial use soil clean-up objectives (SCOs): benzene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, naphthalene, phenanthrene, and pyrene. Six subsurface soil samples were collected and analyzed for target analyte list (TAL) metals. One or more metals were detected at each location. Arsenic was detected at concentrations exceeding industrial use SCOs at one location that is co-located with visible non-aqueous phase liquid (NAPL) and industrial use SCO exceedances for PAHs. Surface Soil: Twenty-two surface soil samples were collected and analyzed for BTEX and PAHs. BTEX constituents were detected in 7 of the 22 samples with total BTEX concentrations ranging from 0.00061 ppm to 151 ppm. No samples exhibited concentrations of individual BTEX constituents above industrial use SCOs. PAH constituents were detected in 21 of the 22 samples, with detected total PAH concentrations ranging from 0.55 ppm to 5,200 ppm. Thirteen of the twenty-two samples exhibited concentrations of one or more of the following individual PAH constituents exceeding industrial use SCOs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3,c-d)pyrene, naphthalene. Twenty surface soil samples were analyzed for TAL metals. Measurable concentrations of metals were detected in 14

of the 20 samples. None of the concentrations exceeded industrial use SCOs. Groundwater: In three overburden wells sampled, BTEX concentrations ranged from non-detect to 9,744 parts per billion (ppb) and total PAH concentrations ranged from non-detect to 691 ppb. Trace thicknesses of NAPL were observed in all three overburden wells. In four bedrock wells sampled, total BTEX concentrations ranged from non-detect to 138 ppb and total PAH concentrations ranged from non-detect to 462 ppb. In three bedrock wells sampled for TAL metals, cadmium was detected at concentrations ranging from 5 to 8 ppb and cyanide was detected at concentrations ranging from 80 to 460 ppb. Trace thicknesses of non-aqueous phase liquid (NAPL) were observed in three of the four bedrock wells sampled. Groundwater samples exceeded Ambient Water Quality Standards for the following individual constituents: benzene, ethylbenzene, m/p-Xylene, o-Xylene and toluene; acenapthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, pyrene, cadmium and cyanide. Sediment: Tar impacted sediments extend approximately 300 feet from the shoreline, and from approximately 350 feet north of the gas transmission line to approximately 350 feet south of the electrical transmission line. BTEX was observed in each of the nine sediment samples analyzed for volatile organic compounds (VOCs), with total BTEX concentrations ranging from 0.0091 ppm to 1,310 ppm. PAHs were detected in 239 of 249 samples analyzed for semi-volatile organic compounds (SVOCs), with concentrations ranging from non-detect to 21,200 ppm. 207 of the 239 samples collected for SVOC analysis exceeded the Class A sediment screening value of 4 ppm total PAH. Surface Water: Three surface water samples were collected from the Hudson River for analysis. Although none of the analytical results exceeded ambient water quality standards, the gas ebullition within tar-impacted river sediments routinely results in sheens and slicks on the river surface near the site. Soil Vapor: Two of the twenty four soil vapor samples collected on the site exhibited detectable levels of benzene ranging from 32 ug/m3 to 64 ug/m3. Special Resources impacted. The Hudson River is impacted by coal tar in the area near the MGP site, with both sediments and the overlying water column affected. Tar continues to move into the Hudson River by subsurface migration from upland source areas, but the principal impact of tar to the water column is the result of releases of tar from the tar contaminated on the river bottom which causes frequent slicks and sheens on the water surface, primarily during the warm weather months. The site is within the Kingston-Poughkeepsie Deepwater Significant Coastal Fish and Wildlife Habitat area, a stretch of the Hudson River that is ecologically important to the life history of two endangered species, the Atlantic and Shortnose Sturgeon.

Site Health Assessment

Access to the site is restricted and measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination remaining on the site. Contaminated groundwater at the site is not used for drinking or other purposes, and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic

compounds in the soil or groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because there are no occupied buildings on the site, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. People using the Hudson River for recreational purposes such as boating may come into contact with site-related contaminants associated with sheens present on the water's surface.

For more Information: E-mail Us

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Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at DECInfoLocator

Administrative Information

Site Name: Wallace Campus
Site Code: C314134
Program: Brownfield Cleanup Program
Classification: A
EPA ID Number:

Location

DEC Region: 3
Address: 319, 325, 327-329 & 331 Main Street
City: Poughkeepsie Zip: 12601
County: Dutchess
Latitude: 41.703661111
Longitude: -73.925775
Site Type:
Estimated Size: 2.48 Acres

Site Owner(s) and Operator(s)

Current Owner Name: Key Main LLC
Current Owner(s) Address: 80 Washington Street, Suite 400
Poughkeepsie,NY, 12601
Current Owner Name: IIC Properties Inc.
Current Owner(s) Address: 14 Catherine Street
Poughkeepsie,NY, 12601
Current Owner Name: Wallace Campus Manager LLC
Current Owner(s) Address: 48-02 25th Ave, Suite 400
Astoria,NY, 11103

Site Document Repository

Name: Adriance Memorial Library
Address: 93 Market Street
Poughkeepsie,NY 12601

Site Description

Location: The site consists of the entirety of the contiguous parcels known as 319 Main Street (Block 77, Lot 114098); 325 Main Street (Block 77, Lot 109079), 327-329 Main Street (Block 7, Lot 109077), and 331 Main Street (Block 78, Lot 127091), City of Poughkeepsie, New York. The site is a 2.48-acre commercial property, which is abutted by Mill Street to the north and Main Street to the south. Site Features: The southern portion of 319 Main Street currently contains a two-story building (former restaurant and club), 325 and 327-329 Main Street lots each contain a four-story building with rear two-story sections (former bookstore and residence, and active office building, respectively), and the southern/central portions of 331 Main Street contain a four-story building with a three-story section to the east, utilized for offices and light manufacturing. The remaining northern portions of 319 and 331 Main Street contain paved parking areas, walkways, and yards. Current Zoning and Land Use: The site tax lots are zoned C-2, central commercial district (residential use is excluded), and portions of the site fall within the Poughkeepsie Innovation District (PID) Historic Core and Urban Village Zones.The site consists of a several vacant and active commercial and light manufacturing uses, located on four tax lots. Past Use of the Site: The site, first developed prior to 1887, has primarily been a commercial site with some limited residential use. The most significant commercial uses are generally associated with 331 Main Street, including automotive repair, machining operations, furniture finishing, laundry activities, and use of gasoline USTs. A limited Phase II Subsurface Investigation performed in 2013 for the northeastern portion of 331 Main Street did not document any storage tanks or contaminated soil, but elevated levels of lead were found in groundwater at 331 Main Street. The buildings at 319 Main Street and 325 Main Street are currently vacant; 327-329 Main Street building is currently in use as an office building and 331 Main Street is in use as an office building and for light manufacturing. Site Geology and Hydrogeology: State geological data indicate that local soils are likely to be derived from glacial till deposits, which overlie metamorphic bedrock. Soils observed during subsurface investigations generally consisted of variable-texture fill (unsorted sand containing debris, primarily brick and concrete, with some coal and ash) to approximately 1 to 7 feet bgs, underlain by sands with gravel to depths of 15 feet bgs, with two borings showing layers of clayey-silt below 12 feet bgs. Soils generally below 8 feet bgs appeared to be native, undisturbed material. Bedrock was not encountered. Groundwater was documented in wells at approximately 15 to 17 feet below the casings and direction of flow was determined to be easterly.

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type
indeno(1,2,3-cd)pyrene
benzo(a)pyrene
benzo(k)fluoranthene
copper
nickel

perfluorooctane sulfonic acid
zinc
chrysene
manganese
methylene chloride
lead
mercury
sodium
benzo(a)anthracene
perfluorooctanoic acid
acetone
benzo(b)fluoranthene

Site Environmental Assessment

Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, cyanide, and the emerging contaminants per-and poly fluoroalkyl substances (PFAS) and 1,4-dioxane. Soil vapor samples were analyzed for VOCs. Based on investigations conducted to date, the primary contaminants of concern include SVOCs and metals in soil and the emerging contaminants PFAS in groundwater. Soil - A total of 29 soil samples were collected during the remedial investigation from 19 borings extending 20 feet below ground surface (bgs). Bedrock was encountered in a 2020 geotechnical report from 41 to 62 feet bgs. Several constituents were identified at concentrations that exceed their Unrestricted Soil Cleanup Objectives (USCOs). The following is a list of those compounds and the maximum exceedance: Acetone 0.065 parts per million (ppm) vs USCO of 0.05 ppm, methylene chloride 0.051 vs USCO of 0.05 ppm, benzo(a)anthracene 5.96 ppm vs USCO of 1 ppm, benzo(a)pyrene 5.15 ppm vs USCO of 1 ppm, benzo(k)fluoranthene 3.62 ppm vs USCO of 0.8 ppm, benzo(b)fluoranthene 3.24 ppm vs USCO of 1 ppm, chrysene 6.67 ppm vs USCO of 1 ppm, dibenzo(a,h)anthracene 0.964 ppm vs USCO of 0.33 ppm, indeno(1,2,3-cd)pyrene 2.72 ppm vs USCO of 0.5 ppm, copper 330 ppm vs USCO of 50 ppm, lead 1530 ppm vs USCO of 63 ppm, manganese 1670 ppm vs USCO of 1600, mercury 3.33 ppm vs USCO of 0.18 ppm, nickel 33.8 ppm vs USCO of 30 ppm, zinc 960 ppm vs USCO of 109 ppm. Pesticides, cyanide, and PCBs and 1,4-dioxane were non-detect in all soil samples. PFOA, PFOS, and other PFAS compounds were detected in on-site soils but were all below their unrestricted use guidance values. Soil contamination is not expected to migrate off-site. Groundwater - A total of 3 groundwater wells were installed in overburden groundwater and analyzed for VOCs, SVOCs, PCBs, pesticides, metals and cyanide as well as the emerging contaminants PFAS and 1,4-dioxane. The metals manganese and sodium were detected in at least one groundwater sample in exceedance of groundwater standards. VOCs, SVOCs, PCBs, pesticides, cyanide, and 1,4-dioxane were either non-detect of below standards. The concentrations of sodium and manganese appear to be background levels and are typically naturally occurring or related to road salt application. For PFAS, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic

acid (PFOS) were reported in the most upgradient monitoring well at concentrations of 30.2 and 10.8 parts per trillion (ppt), respectively, exceeding the 10 ppt screening levels for groundwater for each. Perfluorobutanesulfonic acid (PFBS) was detected at 1,600 ppt exceeding the 100 ppt screening level. Groundwater contamination has the potential of migrating off-site. Soil Vapor - A total of 6 soil vapor and 4 co-located indoor air samples were collected from locations throughout the site. Low levels of chlorinated solvents 1,1,1-trichloroethane, tetrachloroethene, carbon tetrachloride, and vinyl chloride were detected in on-site soil vapor and/or indoor air. Comparisons to the 2017 NYSDOH Soil Vapor/Indoor Air Matrix indicate no further action in all cases. Soil vapor contamination may migrate off-site.

Site Health Assessment

Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

For more Information: E-mail Us

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Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at DECInfoLocator

Administrative Information

Site Name: Hudson River PCB Sediments
Site Code: 546031
Program: State Superfund Program
Classification: 02
EPA ID Number:

Location

DEC Region: 5
Address: Hudson River, Hudson Falls-NYC Battery
City: Zip: 12180
County: Saratoga
Latitude: 43.286475666
Longitude: -73.595363441
Site Type:
Estimated Size: 0 Acres

Site Owner(s) and Operator(s)

Current Owner Name: New York State
Current Owner(s) Address:
,ZZ,
Current Owner Name: STATE OF NEW YORK
Current Owner(s) Address:
,ZZ,
Owner(s) during disposal: STATE OF NEW YORK
Current On-Site Operator: NYS Department of Transportation
Stated Operator(s) Address: State Campus - Building 5
Albany,NY 12233

Site Document Repository

Name: US Epa
Address: 187 Wolf road
colonie,NY

Hazardous Waste Disposal Period

From: 1946 **To:** present

Site Description

Site Location: This National Priorities List site includes the nearly 200-mile stretch of the Hudson River that extends from Hudson Falls in Washington County to the Battery in New York City. The river is part of the Champlain Canal between Fort Edward and Waterford. EPA is the lead agency for the investigation and cleanup of the site. Site Features: The site includes the main stem of the Hudson River, as well as the associated flood plains, river banks, riverene fringing wetlands, and backwater areas. Current zoning / uses: The river is currently used for recreation, transportation, and as a source of water for drinking and other purposes. The river floodplain areas include all types of land uses, from passive / recreational to residential to commercial / industrial. Historical uses: The General Electric Company (GE) discharged PCBs into the river from two capacitor manufacturing plants located in Hudson Falls and Fort Edward starting sometime in 1946. Previous investigations identified 40 areas or 'hot spots' in the upper Hudson that had sediments contaminated with greater than 50 ppm of PCBs. Also included in the definition of this site are five Remnant Deposits or river sediment areas that were exposed when the level of the river was lowered when the Fort Edward Dam was removed in 1973. EPA issued a Record of Decision (ROD) for this National Priorities List site on September 25, 1984 which included: in-place containment of the Remnant Deposits; evaluation of downstream domestic water quality at Waterford, New York; and interim “No Action” as to the PCB-contaminated river sediment. The 1984 ROD indicated that both the No Action decision for the river sediments and the containment remedy for the Remnant Deposits might be reexamined by EPA in the future. The containment remedy for the Remnant Deposits was performed by GE under a 1990 Consent Decree with EPA. In addition, in 1990, NYSDEC completed the evaluation of downstream domestic water quality at Waterford, New York, which concluded that PCB concentrations were below analytical detection limits after treatment and met standards applicable to public water supplies. In December 1989, EPA announced its decision to initiate a detailed Reassessment Remedial Investigation/Feasibility Study (RI/FS) of the September 1984 decision concerning the PCB contaminated Hudson River sediments. The Reassessment culminated with EPA’s issuance of a second ROD for the site in February 2002 which included the dredging of an estimated 2.65 million cubic yards of PCB contaminated sediments from the Upper Hudson River (between Fort Edward and Troy), which was estimated in the ROD to contain about 66,300 kilograms of total PCBs (approximately 65% of the total PCB mass estimated to be present within the Upper Hudson River). The ROD also identified further evaluation of PCB contamination in the flood plains concurrent with the design phase of the project. EPA issued a series of Orders to GE for performance of the engineering design for the project. Phase 1 dredging commenced in May 2009, and was completed in October 2009. After completion of Phase 1, EPA reviewed the environmental monitoring and operational data to determine the changes to the project standards and to project design specifications for Phase 2. The changes to the project for Phase 2 were provided to GE in December

2010. GE, in accordance with the Consent Decree for the site, opted to implement Phase 2 of the remedy on 12/31/10. Construction work for Phase 2 of the remedial project started in 2011, and was completed in 2016. Dredging was completed in fall 2015; habitat reconstruction was completed in 2016. Facility decommissioning was performed in 2016. Operable Units: The site was divided into five operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately in investigation, eliminate or mitigate release, threat of release or exposure pathway resulting from the site contamination. Operable Unit 1 (OU1) consists of the capping of the remnant deposits. OU 2 consists of the dredging of the Upper Hudson River. OU 3 consists of the Upper Hudson River Floodplains Investigation (EPA tracks as OU4). OU 5 consists of the Lower Hudson River Sediments (from the Federal Dam in Troy to the Battery in New York City). For more information on the Hudson River Fish advisory, copy and paste this link into a web browser:
https://www.health.ny.gov/environmental/outdoors/fish/hudson_river/advisory_outreach_project/

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type
polychlorinated biphenyls (PCB)
PCB aroclor 1254
PCB aroclor 1016
cadmium
lead
PCB aroclor 1242

Site Environmental Assessment

Nature and extent of contamination: Contaminants: The primary constituent of concern is PCBs, discharged from two GE capacitor plants in Hudson Falls and Fort Edward. The upstream extent of contamination is the portion of the river immediately above the Bakers Falls Dam at the GE Hudson Falls plant site. The downstream extent of contamination is the Atlantic Ocean. The commercial mixtures of PCBs discharged from the two GE plant sites changed over time; initially aroclor 1254, changing to aroclor 1242 and then to aroclor 1016. Contaminant Concentrations: PCBs have been found in excess of standards, criteria and guidance concentrations (SCGs) in sediments, surface water, biota, air, and soils at the Hudson River PCBs site. The primary sources at the plant sites have been almost completely abated through remedial work at the plant sites; as a result, the primary source of PCB to the surface water and biota of the river are the remaining contaminated sediments in the river south of the plant sites. Prior to remediation of the Upper Hudson River from 2009 to 2016, PCB concentrations in sediment range from non-detect to greater than one percent PCB (> 10,000 parts per million). In surface water typically concentrations range from 2 nanograms per liter (ng/l or parts per trillion) to 100 ng/l, except at times of high flow when scour-driven remobilization of

contaminated sediments can cause much higher concentrations in excess of 1 microgram per liter (1 ug/l or part per billion). Floodplains - Investigations are underway to determine the extent of floodplain impacts. To date, PCB concentrations in excess of 500 milligrams per kilogram (mg/kg or part per million) have been found in limited areas. Those areas have been addressed over the past 15 years with various interim remedies (soil covers). The nature and extent of floodplain soil contamination has not yet been established. Remedial investigations are currently underway. Lower Hudson River - The Lower Hudson River portion of the NPL site (from the Federal Dam in Troy to the Battery in New York City) has not be fully investigated to date. Annual fish monitoring for PCBs occurs in certain locations in the lower Hudson. Significant threat: PCB contamination in the Hudson River sediments continue to pose a significant threat to human health and/or the environment. Concentrations in PCBs in biota directly attributable to the waste disposal at the site have led the Department of Health to recommend that human consumption of biota be limited over a substantial portion of the Hudson River between Hudson Falls and the Battery in New York City. In the upper Hudson, the fishery is catch and release only, and the NYSDOH advisory is to eat none. To see the fish consumption advisories, go to: https://www.health.ny.gov/publications/2794.pdf and https://www.health.ny.gov/environmental/outdoors/fish/hudson_river/advisory_outreach_project/ The disposal of PCB into the Hudson River has also led to significant environmental damage as defined in 6 NYCRR Part 375. This site has been included in the Federal National Priorities List (NPL).

Site Health Assessment

Consumption of fish is the major potential route of human exposure to PCBs from this site. Because of site impacts, most fish from the Hudson River downstream of Hudson Falls have elevated PCB levels. Fishing is restricted to catch and release, with a “eat none” advisory for fish consumption, from Hudson Falls to Troy. In addition, there are advisories ("eat none" or "eat no more than 1 meal per month") on consumption of several fish species caught from the Hudson River below the Troy Dam to New York Harbor. People may come into contact with contaminants present in the shallow river sediments while entering or exiting the river during recreational activities, and may also come into contact with contaminants present in floodplain soils. This direct contact route of exposure is present primarily in the upper Hudson between Hudson Falls and Troy.GE under USEPA and State oversight has taken actions at several properties along the Hudson River to address PCB contaminated floodplain soils between Hudson Falls and Troy. These actions vary from deploying signs to installing various covers and are intended to reduce exposures to PCBs in floodplain soils until a permanent remedy is developed. Additionally, a remedial investigation to address floodplain soils in the Upper Hudson River Floodplain under USEPA and State oversight is now underway.

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Environmental Site Remediation Database Search Details

Site Record

Document Repository

Site-related documents are available for review through the DECInfo Locator on line at DECInfoLocator

Administrative Information

Site Name: Hudson River PCB Sediments
Site Code: 546031
Program: State Superfund Program
Classification: 02
EPA ID Number:

Location

DEC Region: 5
Address: Hudson River, Hudson Falls-NYC Battery
City: Zip: 12180
County: Saratoga
Latitude: 43.286475666
Longitude: -73.595363441
Site Type:
Estimated Size: 0 Acres

Site Owner(s) and Operator(s)

Current Owner Name: New York State
Current Owner(s) Address:
,ZZ,
Current Owner Name: STATE OF NEW YORK
Current Owner(s) Address:
,ZZ,
Owner(s) during disposal: STATE OF NEW YORK
Current On-Site Operator: NYS Department of Transportation
Stated Operator(s) Address: State Campus - Building 5
Albany,NY 12233

Site Document Repository

Name: US Epa
Address: 187 Wolf road
colonie,NY

Hazardous Waste Disposal Period

From: 1946 **To:** present

Site Description

Site Location: This National Priorities List site includes the nearly 200-mile stretch of the Hudson River that extends from Hudson Falls in Washington County to the Battery in New York City. The river is part of the Champlain Canal between Fort Edward and Waterford. EPA is the lead agency for the investigation and cleanup of the site. Site Features: The site includes the main stem of the Hudson River, as well as the associated flood plains, river banks, riverene fringing wetlands, and backwater areas. Current zoning / uses: The river is currently used for recreation, transportation, and as a source of water for drinking and other purposes. The river floodplain areas include all types of land uses, from passive / recreational to residential to commercial / industrial. Historical uses: The General Electric Company (GE) discharged PCBs into the river from two capacitor manufacturing plants located in Hudson Falls and Fort Edward starting sometime in 1946. Previous investigations identified 40 areas or 'hot spots' in the upper Hudson that had sediments contaminated with greater than 50 ppm of PCBs. Also included in the definition of this site are five Remnant Deposits or river sediment areas that were exposed when the level of the river was lowered when the Fort Edward Dam was removed in 1973. EPA issued a Record of Decision (ROD) for this National Priorities List site on September 25, 1984 which included: in-place containment of the Remnant Deposits; evaluation of downstream domestic water quality at Waterford, New York; and interim “No Action” as to the PCB-contaminated river sediment. The 1984 ROD indicated that both the No Action decision for the river sediments and the containment remedy for the Remnant Deposits might be reexamined by EPA in the future. The containment remedy for the Remnant Deposits was performed by GE under a 1990 Consent Decree with EPA. In addition, in 1990, NYSDEC completed the evaluation of downstream domestic water quality at Waterford, New York, which concluded that PCB concentrations were below analytical detection limits after treatment and met standards applicable to public water supplies. In December 1989, EPA announced its decision to initiate a detailed Reassessment Remedial Investigation/Feasibility Study (RI/FS) of the September 1984 decision concerning the PCB contaminated Hudson River sediments. The Reassessment culminated with EPA’s issuance of a second ROD for the site in February 2002 which included the dredging of an estimated 2.65 million cubic yards of PCB contaminated sediments from the Upper Hudson River (between Fort Edward and Troy), which was estimated in the ROD to contain about 66,300 kilograms of total PCBs (approximately 65% of the total PCB mass estimated to be present within the Upper Hudson River). The ROD also identified further evaluation of PCB contamination in the flood plains concurrent with the design phase of the project. EPA issued a series of Orders to GE for performance of the engineering design for the project. Phase 1 dredging commenced in May 2009, and was completed in October 2009. After completion of Phase 1, EPA reviewed the environmental monitoring and operational data to determine the changes to the project standards and to project design specifications for Phase 2. The changes to the project for Phase 2 were provided to GE in December

2010. GE, in accordance with the Consent Decree for the site, opted to implement Phase 2 of the remedy on 12/31/10. Construction work for Phase 2 of the remedial project started in 2011, and was completed in 2016. Dredging was completed in fall 2015; habitat reconstruction was completed in 2016. Facility decommissioning was performed in 2016. Operable Units: The site was divided into five operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately in investigation, eliminate or mitigate release, threat of release or exposure pathway resulting from the site contamination. Operable Unit 1 (OU1) consists of the capping of the remnant deposits. OU 2 consists of the dredging of the Upper Hudson River. OU 3 consists of the Upper Hudson River Floodplains Investigation (EPA tracks as OU4). OU 5 consists of the Lower Hudson River Sediments (from the Federal Dam in Troy to the Battery in New York City). For more information on the Hudson River Fish advisory, copy and paste this link into a web browser:
https://www.health.ny.gov/environmental/outdoors/fish/hudson_river/advisory_outreach_project/

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type
polychlorinated biphenyls (PCB)
PCB aroclor 1254
PCB aroclor 1016
cadmium
lead
PCB aroclor 1242

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Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Admiral Halsey II - Affordable Housing Building		
Project Location (describe, and attach a general location map): 135 Main Street, Poughkeepsie, NY		
Brief Description of Proposed Action (include purpose or need): Omni New York LLC ("Omni") is proposing to construct an affordable housing building with 72 income restricted units (efficiency and one-bedroom) for seniors (the "Project") on property located at 135 Main Street, Poughkeepsie, New York 12601 (the "Property"). The Property is currently improved with an existing high-rise affordable housing building (Admiral Halsey I). Omni proposes to subdivide the Property into two (2) lots to permit the development. Subdivided Lot 1 will be 40,656.67 square feet (0.933 acres) and contain the existing 86,745 square foot building. Subdivided Lot 2 will be 58,899.04 square feet (1.35 acres) and contain the proposed new 4-5 story 61,286 square foot building. The subject property is located in an R6 zoning district.		
Name of Applicant/Sponsor: Ken Spillberg - SVP of Development, Omni New York LLC	Telephone: (646) 502-7197 E-Mail: kspillberg@onyllc.com	
Address: 909 3rd Ave, 21st floor		
City/PO: New York	State: NY	Zip Code: 10022
Project Contact (if not same as sponsor; give name and title/role): Etan Hindin - Senior Project and Account Manager, Hillmann Consulting, LLC	Telephone: (908) 688-7800 x237 E-Mail: ehindin@hillmannconsulting.com	
Address: 1600 Route 22 East		
City/PO: Union	State: NJ	Zip Code: 07083
Property Owner (if not same as sponsor): Admiral Halsey Apartments Inc. (affiliate of Omni New York LLC)	Telephone: (646) 502-7197 E-Mail: kspillberg@onyllc.com	
Address: 909 Third Ave, 21st Floor		
City/PO: New York	State: NY	Zip Code: 10022

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes ☐No		
b. City, Town or Village Planning Board or Commission ☑Yes ☐No	City of Poughkeepsie	9/21/2021, 10/19/2021, 12/21/2021
c. City, Town or Village Zoning Board of Appeals ☑Yes ☐No	City of Poughkeepsie	1/11/2022
d. Other local agencies ☐Yes ☐No		
e. County agencies ☐Yes ☐No		
f. Regional agencies ☐Yes ☐No		
g. State agencies ☑Yes ☐No	NYSDEC	TBD
h. Federal agencies ☐Yes ☐No		

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes ☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes ☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes ☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes ☐No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes ☑No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
R6 - Urban Density Residence District

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Poughkeepsie City School District

b. What police or other public protection forces serve the project site?
City of Poughkeepsie Police Department

c. Which fire protection and emergency medical services serve the project site?
City of Poughkeepsie Fire Department

d. What parks serve the project site?
Wheaton Park, Victor C. Waryas Park, Dongan Square Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Residential

b. a. Total acreage of the site of the proposed action? 2.2 acres
b. Total acreage to be physically disturbed? 2.2 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 2.2 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☑ Yes ☐ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
Residential
ii. Is a cluster/conservation layout proposed? ☐ Yes ☑ No
iii. Number of lots proposed? 2
iv. Minimum and maximum proposed lot sizes? Minimum 40,656 sf Maximum 58,899 sf

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 24 months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☑ Yes ☐ No
If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase	72			
At completion of all phases	72			

g. Does the proposed action include new non-residential construction (including expansions)? ☐ Yes ☑ No
If Yes,
i. Total number of structures _____
ii. Dimensions (in feet) of largest proposed structure: _____height; _____width; and _____ length
iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☑ No
If Yes,
i. Purpose of the impoundment: _____
ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify:
_____
iii. If other than water, identify the type of impounded/contained liquids and their source.
_____
iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres
v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length
vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):
_____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☑ Yes ☐ No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
If Yes:
i .What is the purpose of the excavation or dredging? Excav. of soil/removal of unsuitable fill for construction of new building including basement.
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
- Volume (specify tons or cubic yards): TBD
- Over what duration of time? TBD

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
Existing fill shall be removed from the project site. Potentially usable fill should be stockpiled and covered with tarps or plastic sheeting for protection from excess moisture. If soft or otherwise unsuitable soils are noted, the unsuitable material shall be removed and replaced with new structural fill.*see below
iv. Will there be onsite dewatering or processing of excavated materials? ☑ Yes ☐ No
If yes, describe. Any fill material that is or becomes wet must be dried prior to its re-use.
_____
v. What is the total area to be dredged or excavated? 2.2 acres
vi. What is the maximum area to be worked at any one time? 2.2 acres
vii. What would be the maximum depth of excavation or dredging? 7.5 feet
viii. Will the excavation require blasting? ☐ Yes ☑ No
ix. Summarize site reclamation goals and plan: _____
The goal is to re-use as much existing fill as possible for the construction of the new building. As mentioned, Potentially usable fill should be stockpiled and covered with tarps or plastic sheeting for protection from excess moisture. If any soft or otherwise unsuitable soils are noted, the unsuitable material shall be removed and replaced with new structural fill. Soil will be evaluated for contamination prior to reuse as onsite fill

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐ Yes ☑ No
If Yes:
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____
_____

*Given the history of the site and contaminants identified during subsurface testing in 2007 and 2019 including PAHs and VOCs, a site-specific soil management plan(SMP) will be adhered to and updated as applicable throughout planned construction activities. Hillmann notes that the NYSDEC granted No Further Action (NFA) status to the historic MGP occupying central and northern portions of the Property after completion of investigation work in 1990 and 2006. In the event pockets of impact are identified during construction, the aforementioned SMP will guide the handling/disposal in accordance with applicable regulations.

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

_____

_____

_____

_____

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☑ No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☑ No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

_____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

_____

c. Will the proposed action use, or create a new demand for water? ☑ Yes ☐ No

If Yes:

i. Total anticipated water usage/demand per day: 7,920 gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☑ Yes ☐ No

If Yes:

- Name of district or service area: Poughkeepsie Water District
- Does the existing public water supply have capacity to serve the proposal? *See reference/basis below ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No
- Do existing lines serve the project site? ☑ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☑ No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

_____

- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☑ No

If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

_____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☑ Yes ☐ No

If Yes:

i. Total anticipated liquid waste generation per day: approx. 7,920 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): sanitwary wastewater

_____

_____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☑ Yes ☐ No

If Yes:

- Name of wastewater treatment plant to be used: Poughkeepsie Water Treatment Facility
- Name of district: City of Poughkeepsie Water Treatment District
- Does the existing wastewater treatment plant have capacity to serve the project? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No

*The above responses / numbers are based on a Preliminary Engineering Report prepared by a New York State Licensed P.E. of the LRC Group. The report is dated December 1, 2021.

- Do existing sewer lines serve the project site? ☑ Yes ☐ No
- Will a line extension within an existing district be necessary to serve the project? ☐ Yes ☑ No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

_____

_____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐ Yes ☑ No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

_____

_____

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

_____

_____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐ Yes ☑ No *See below

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

_____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

_____

_____

- If to surface waters, identify receiving water bodies or wetlands: _____

_____

_____

- Will stormwater runoff flow to adjacent properties? ☐ Yes ☐ No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐ Yes ☐ No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐ Yes ☑ No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

_____

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

_____

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

_____

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐ Yes ☑ No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐ Yes ☐ No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

*The proposed Project will subdivide the Property into a northern parcel - Lot 1 and southern parcel - Lot 2 Lot 1 - the parcel of the proposed new construction affordable housing building will be 1.2-acres. Less than 1-acre of this lot will be converted from pervious to impervious.

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

_____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

_____

_____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend ☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

_____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☑No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

_____

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☑Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☑No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☑No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☑No *

If Yes: *The project is for residential affordable housing - 72 beds not commercial or industrial

i. Estimate annual electricity demand during operation of the proposed action: _____

_____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

_____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: 7:00 AM - 4:00 PM
- Saturday: N/A
- Sunday: N/A
- Holidays: N/A

ii. During Operations:

- Monday - Friday: 24/7
- Saturday: 24/7
- Sunday: 24/7
- Holidays: 24/7

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

Noise generated by construction equipment for the duration of the construction Phase: weekdays monday through Friday 7 am to 4 pm

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: Multiple trees located in the northern portion of the Property will be removed in the vicinity of the proposed Project new construction building, however multiple trees on both sides of North Perry Street will remain.

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Pole mounted site lights wthin parking areas, wall scances and recessed fixtures on teh bujidling, new pole lights and bollards within pedestrian locations

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities:_____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☑ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☑ No * *Routine domestic residential waste only (affordable housing)

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☑ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☑ Other (specify): Parkland

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.80 acres	1.47 acres	+0.67
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: lawn/grass and landscape beds	1.48 acres	0.80 acres	-0.68

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☑ No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☑ Yes ☐ No

If Yes,

i. Identify Facilities:

The Grand Rehabilitation and Nursing at River Valley, Christopher Columbus Elementary School, Trinity Temple Church-Seventh, , St. Joseph's Church, Admiral Halsey 1

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☑ Yes ☐ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☑ Yes – Environmental Site Remediation database — Provide DEC ID number(s): 314071

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures:_____

The listing is for the former Bayeaux MGP site which historically occupied central and northern portions of the Property. The case obtained regulatory closure in 2007. If pockets of impacted soil are identified during construction, the SMP will govern handling/disposal in accordance with regulations.

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☑ Yes ☐ No

If yes, provide DEC ID number(s): V00292, 314068, 314071, C314125, 546031

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

Remediation at sites V00292, 314068 and C314125 are complete. At site 314071 there was little to no evidence of contamination and no contact with site-related contaminants is expected. For site 546031, a remedial investigation to address floodplain soils in the Upper Hudson River Floodplain under USEPA and State oversight is now underway.

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☑ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☐ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 13 feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site:

Fill Material	50 %
Coarse Sand	50 %
	%

d. What is the average depth to the water table on the project site? Average: 8.5 feet

e. Drainage status of project site soils:

☑	Well Drained:	100 % of site
☐	Moderately Well Drained:	% of site
☐	Poorly Drained	% of site

f. Approximate proportion of proposed action site with slopes:

☑	0-10%:	100 % of site
☐	10-15%:	% of site
☐	15% or greater:	% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐ Yes ☑ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☐ Yes ☑ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☐ Yes ☑ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☑ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500-year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐ Yes ☑ No
If Yes:

i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site:
Built Landscape Habitat

n. Does the project site contain a designated significant natural community? ☐ Yes ☑ No
If Yes:
i. Describe the habitat/community (composition, function, and basis for designation): _____
ii. Source(s) of description or evaluation: _____
iii. Extent of community/habitat:
- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☑ Yes ☐ No

If Yes:
i. Species and listing (endangered or threatened):
Atlantic Sturgeon, Shortnose Sturgeon

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☑ No

If Yes:
i. Species and listing:

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ No
If yes, give a brief description of how the proposed action may affect that use: _____

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☑ No
If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No
i. If Yes: acreage(s) on project site? _____
ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No
If Yes:
i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature
ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐ Yes ☑ No
If Yes:
i. CEA name: _____
ii. Basis for designation: _____
iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☑ Yes ☐ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☑ Historic Building or District

ii. Name: Mill Street - North Clover Street Historic District, Union Street Historic District, Vassar Institute, Mill - North Clover (Boundary Increase)

iii. Brief description of attributes on which listing is based:

Age, construction style of structures in surrounding area

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

SHPO - No Adverse Effect letter attached

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Wheaton Park

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): Local Park

iii. Distance between project and resource: 0.11 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Ken Spillberg Date 3/21/2022

Signature _____ Title SVP of Development

PRINT FORM

Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

B.i.i [Coastal or Waterfront Area]	Yes
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	Remediaton Sites:314071
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Yes - Digital mapping data for Spills Incidents are not available for this location. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Yes
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Yes
E.1.h.i [DEC Spills or Remediation Site - DEC ID Number]	314071
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	V00292, 314068, 314071, C314070, C314125, C314134, 314122, 546031
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	No
E.2.h.iii [Surface Water Features]	No
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No

E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Atlantic Sturgeon, Shortnose Sturgeon
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Mill Street-North Clover Street Historic District, Union Street Historic District, Second Baptist Church, Vassar Home for Aged Men, Vassar Institute, Mill St.-North Clover St. Historic District (Boundary Increase)
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

November 17, 2020

Kenneth Spillberg
Senior VP Development - Omni New York LLC
909 Third Avenue
Floor 21
New York, NY 10022

Re: NYSHCR
Admiral Halsey Senior Village Phase II: New Construction
135 Main St, Poughkeepsie, NY 12601
20PR07157

Dear Mr. Spillberg:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the provided documentation in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

The project area is located between the Mill Street-North Clover Street Historic District and the Union Street Historic District, both of which are listed in the State and National Registers of Historic Places. Our office has reviewed the proposed construction of a new 7-story residential building. Based upon our review, it is the SHPO's opinion that the project will have No Adverse Effect on historic or archaeological resources. If there are substantive changes to the project consultation with our office should resume.

If you have any questions, I can be reached by email.

Sincerely,

Derek Rohde
Historic Site Restoration Coordinator
e-mail: derek.rohde@parks.ny.gov

via e-mail only

HILLMANN
CONSULTING

PHASE I ENVIRONMENTAL SITE ASSESSMENT

135 Main Street
Poughkeepsie, NY 12601

Prepared For:

OMNI New York, LLC
909 3rd Avenue – 21st Floor
New York, NY 10022

March 23, 2022

Hillmann Project Number Z34899

HILLMANN
CONSULTING

March 23, 2022

Mr. Paul Shevchuk
OMNI New York, LLC
909 3rd Avenue – 21st Floor
New York, NY 10022

RE: Phase I Environmental Site Assessment
135 Main Street
Poughkeepsie, NY 12601
Hillmann Project No: Z34899

Dear Mr. Shevchuk:

Hillmann Consulting LLC has completed a Phase I Environmental Site Assessment of the above referenced property. This assessment was performed in conformance with our contract agreement and the scope and limitations of ASTM Practice E 1527-21, which is the latest version of the E1527 standard published by the ASTM.

We appreciate the opportunity to provide environmental due diligence services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact our office at 908-688-7800.

Sincerely,

Hillmann Consulting, LLC

Stephanie Lamb
Senior Project Manager

Chris Hirschmann
Environmental Services Director

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List of Abbreviations/Acronyms

Hillmann may use the following abbreviations and acronyms for common terminology described in our report. Not all abbreviations or acronyms may be applicable to this report:

ACM	– Asbestos Containing Material
AOC	– Area of Concern
AST	– Aboveground Storage Tank
ASTM	– American Society for Testing Materials
BER	– Business Environmental Risk
CEA	– Classification Exception Area
CERCLA	– Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	– Comprehensive Environmental Response Compensation and Liability Information System
CESQG	– Conditionally Exempt Small Quantity Generator
COC	– Chemicals of Concern
CORRACTS	– Corrective Action Sites
CREC	– Controlled Recognized Environmental Condition
DEC	– Department of Environmental Conservation
DEP	– Department of Environmental Protection
DHS	– Department of Health Services
DNPL	– Delisted National Priority List
DOB	– Department of Buildings
DOH	– Department of Health
DOT	– Department of Transportation
DTSC	– Department of Toxic Substances Control
ENG	– Engineering
EPA	– Environmental Protection Agency
ERNS	– Emergency Response Notification System
FD	– Fire Department
FOI/FOIA/FOIL	– Freedom of Information / Freedom of Information Act / Freedom of Information Letter
HVAC	– Heating Ventilation & Air Conditioning
HREC	– Historic Recognized Environmental Condition
IAQ	– Indoor Air Quality
ISRA	– Industrial Site Recovery Act
LBP	– Lead-Based Paint
LCP	– Lead-Containing Paint
LQG	– Large Quantity Generator
LTANK	– Leaking Storage Tank
LUST	– Leaking Underground Storage Tank
SDS/MSDS	– Safety Data Sheet / Material Safety Data Sheet
NA	– Not Applicable
NFA	– No Further Action
NFRAP	– No Further Remedial Actions Planned
NPDES	– National Pollutant Discharge Elimination System
NPL	– National Priority List
OER	– Office of Environmental Remediation
OPRA	– Open Public Records Act
PAH	– Polycyclic Aromatic Hydrocarbon
PCE	– Perchloroethylene
RAO	– Response Action Outcome
RCRA	– Resource Conservation and Recovery Act
RCRIS	– Resource Conservation and Recovery Information System
REC	– Recognized Environmental Condition
RWQCB	– Regional Water Quality Control Board
SCAQMD	– South Coast Air Quality Management District
SDG	– Significant Data Gap
SEMS	– Superfund Enterprise Management System
SRP	– Site Remediation Program
SQG	– Small Quantity Generator
SVOC	– Semi-Volatile Organic Compound
TCE	– Trichloroethylene
TSDF	– Treatment Storage and/or Disposal Facility
UST	– Underground Storage Tank
VEC	– Vapor Encroachment Condition
VOC	– Volatile Organic Compound

1.0 FINDINGS, OPINIONS, AND CONCLUSIONS

Hillmann Consulting, LLC (Hillmann) performed a Phase I Environmental Site Assessment (ESA) of 135 Main Street, Poughkeepsie, NY (the Subject Property). The assessment has been conducted in accordance with our contracted scope of work and the ASTM Standard Practice E 1527-21 for Phase I Environmental Site Assessments and All Appropriate Inquiries (AAI) Final Rule 40 CFR Part 312. This section contains a summary of findings, opinions and conclusions made by this assessment. However, this section, alone, does not constitute the complete assessment. The report must be read in its entirety.

1.1 Summary of Project Details

Primary Street Address:		135 Main Street			
City:	Poughkeepsie	**County:**	Dutchess	**State:**	NY
Tax ID/Parcel Number:		Block 76, Lot 911			
Property Owner:		Admiral Halsey Apartments			
Zoning Designation:		R6 (Residential)			
Approx. Property Area:		2.20 acre			
Buildings:		1			
Approx. Building Size:		70 unit residential apartment building			
Approx. Year Built:		1976			
Commercial Occupants:		None			
Current Use:		Residential			
Inspected By:		Ms. Stephanie Lamb			
Site Contact/Company:		Ms. Lori Ferguson/ Reliant Realty			
Site Escort/Company:		Ms. Lori Ferguson/ Reliant Realty			
Inspection Date:		March 18, 2022			
Weather Conditions:		50°F Clear			

1.2 Findings Summary Table

Assessment Subject	No REC	REC	CREC	HREC	SDG	Rpt. Ref.
Property Regulatory Records Review:	X					4.3
Property Historical Records Review:	X					4.2
Bulk Petroleum Storage:	X					6.3
On-Site Operations:	X					6.3
On-Site Haz-Mat Storage/Use/Spills:	X					6.3
Transformers/Hydraulic Systems:	X					6.3
Waste Discharges:	X					6.3
Interviews:	X					5.0
Adjoining & Nearby Properties:	X					4.3 6.2
Prior Env. Reports/User Provided Info:		X				3.0

1.3 Findings, Opinions and Conclusions

Recognized Environmental Conditions & Significant Data Gaps

Hillmann has performed a Phase I Environmental Site Assessment in accordance with the scope and limitations of ASTM Practice E 1527-21 of the Subject Property as described in Section 2.2 of this report. Any additions to, exceptions to, or deletions from this practice are also described in Section 2 of this report. This assessment has revealed the following *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CRECs) and/or *significant data gaps* (SDGs) in connection with the Subject Property:

RECOGNIZED ENVIRONMENTAL CONDITIONS
Subsurface testing conducted at the Property in 2007 and 2019 identified metals and SVOCs in soils and groundwater at concentrations exceeding regulatory cleanup standards. The identified contaminants were attributed to historical urban fill. Groundwater results in one location indicated VOC and PAH compounds exceeding the NYSDEC regulatory cleanup standards. These compounds are indicative of possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring. Due to the findings of the subsurface testing, the Property voluntarily procured a Soil and Groundwater Contamination Health and Safety Plan (EHI, 2007) that prescribed operational procedures for site personnel to follow during activities that disturb soil or groundwater. Since the identified urban fill and VOC contaminants in soil and groundwater are being managed in place under the Soil and Groundwater Contamination Health and Safety Plan, the metals and SVOCs in soil and VOCs in groundwater are considered to be a REC in connection with the Property. Given the presence of metals, PAHs, and VOCs in soil and groundwater, and the current plans for new construction at the site, the site specific management plan for handling site soils and groundwater should be followed and updated as applicable throughout planned construction activities.
CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS (CRECs)
No CRECs were identified.

SIGNIFICANT DATA GAPS (SDGs)
No SDGs were identified.

Historical Recognized Environmental Conditions (HRECs)

This assessment has revealed the following *historical recognized environmental conditions* (HRECs) in connection with the Subject Property:

	HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS
	No HRECs were identified

De Minimis and Other Environmental Conditions

The following *de minimis* and other environmental conditions were identified:

OTHER ENVIRONMENTAL CONDITIONS / DE MINIMIS CONDITIONS
The central and northern portions of the property were occupied by portions of a manufactured gas plant, currently known as the CH – Bayeaux Street Poughkeepsie MGP, from approximately the mid-19th to early-20th century. As further described in Section 4.3.1, the former MGP site is listed on the database of New York State Superfund sites and has undergone previous subsurface investigations with NYSDEC oversight due to the potential for subsurface impacts from the historical gas manufacturing operations. According to the NYSDEC published information, following the completions of site investigation work in 1990 and 2006, no significant MGP waste material was found and a NFA status was granted by NYSDEC on March 12, 2007.
A gasoline UST associated with a former dairy operation was depicted at the northeast portion of the Property by a 1952 fire insurance map. The entire property was redeveloped into the current senior housing complex in the mid-1970s. While disposition of the historical gasoline UST has not been determined, subsurface testing at the Property did not identify evidence of a petroleum release from the former gasoline UST.
A 10,000-gallon above ground storage tank (AST) was observed in the rear of the building, central portion of the Property. The tank is enclosed with a brick structure and accessed via permanent step ladder fixed to the concrete enclosure. No evidence of leakage was observed at the time of the inspection.
A 10,000-gallon #2 heating oil UST was closed in place in 1997. The UST closure was documented by a 1997 tank closure report by Conrad Geoscience, which concluded that all soil testing results were below NYSDEC standards.
One 55-gallon drum of floor cleaner was observed in the maintenance storage room. No signs of leaking or staining were observed in the area of the drum.
One hydraulic trash compactor was observed in the compactor room. No signs of leaking or staining were observed in the area of the compactor motor.

Environmental Professional Statement

I/We declare that, to the best of my professional knowledge and belief, I/we meet the definition of *Environmental professional* as defined in § 312.10 of 40 C.F.R. 312. I/we have the specific qualifications based on education, training and experience to assess a *property* of the nature, history and setting of the *subject property*. I/We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Stephanie Lamb
Environmental Professional

Chris Hirschmann
Environmental Services Director

1.4 Business Environmental Risks / Non-ASTM Scope

Hillmann has performed a limited review of the following potential Business Environmental Risks (BER), also known as "Non-ASTM Scope concerns", in accordance with the contracted scope of work scope for this assessment. BER is defined by ASTM E1527-21 as *"a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice."* The following is a summary of findings for the limited review of potential BERs, where applicable, as per the contracted scope of work and limitations outlined in Section 2. For a more detailed discussion of the findings and contracted scope of work, please see the referenced report section.

BUSINESS ENVIRONMENTAL RISKS / NON-ASTM SCOPE			
Subject	**Findings**	**Not Appl.**	**Rpt. Ref.**
Asbestos	Suspect ACM noted within the building included sheet rock wall materials and suspended ceiling tiles in fair to good condition, and vinyl floor tiles and associated mastic in mostly good condition with locally damaged areas. Although not observed, roofing materials are also assumed ACM.		7.1
Lead Paint	Painted surfaces observed within the accessed areas of the residential building were noted to be in good condition. Hillmann was provided with a copy of a prior lead paint screening report titled Lead Paint Screening; by Environmental Health Investigations, dated October 9, 2007. Based on the results of the screening, no tested paint surfaces were found to contain lead paint.		7.2
Radon	Property is located in the USEPA radon designation Zone 1 or 'high risk' area for radon. Hillmann was provided with a copy of a prior radon testing report titled Radon Testing; by Environmental Health Investigations, dated September 8, 2008. All sample results were below the EPA Action Level of 4.0 pCi/L.		7.3
Mold / Microbial Damage	Hillmann did not observe any evidence of significant problems with moisture intrusion or mold/microbial growth at the Property.		7.4
NWI Wetlands	No mapped wetland areas were depicted at the Property.		7.5
Lead in Drinking Water	Potable water service at the Subject Property is provided by the Poughkeepsie Townwide Water District. A recently published water quality report from the utility indicated compliance with USEPA water quality standards for lead in drinking water.		7.6

2.0 INTRODUCTION

2.1 Purpose and Scope

This assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-21. The ASTM describes these methodologies as representing good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. § 9601) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes all appropriate inquiries into the previous ownership and uses the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35) (B). The goal of the processes established by ASTM E1527-21 is to identify *recognized environmental conditions* in connection with the Subject Property.

The term *recognized environmental condition* (REC) is defined by ASTM E1527-21 as *"(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment."*

The term *controlled recognized environmental condition* is a type of recognized environmental condition and defined by ASTM E1527-21 as a "*recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."*

The term *historical recognized environmental condition* is defined as a "*previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations)."* The ASTM E1527-21 standard has clarified that a *historical recognized environmental condition* (HREC) is not a *recognized environmental condition* (REC).

The term *de minimis condition* is defined by the ASTM, *"…a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."* A condition determined to be a *de minimis condition* is not REC nor a CREC.

The chief components of this assessment are generally described as follows:

- A non-invasive visual reconnaissance of the Subject Property and adjoining properties in accordance with ASTM guidelines for evidence of RECs.

- Interviews of past and present owners and occupants and state and local government officials, seeking information related to the potential presence of RECs at the Subject Property.

- A review of standard physical record sources for available topographic, geologic and groundwater data.

- A review of standard historic record sources, such as fire insurance maps, city directories, aerial photographs, prior reports and interviews, etc., to determine prior uses of the Subject Property from the present, back to the Subject Property's first developed use, or back to 1940, whichever is earlier.

- A review of standard environmental record sources including federal and state environmental databases, and additional environmental record sources, to identify potential regulatory concerns with the Subject Property, adjoining properties and properties located within the surrounding area.

An evaluation of environmental or other regulatory compliance matters is excluded from the scope of this assessment.

These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

Business Environmental Risks/Non-ASTM Scope Considerations

In accordance with our contract agreement, Hillmann may have addressed the following potential environmental subject matters that are outside of the requirements of the ASTM E1527-21 standard:

Asbestos-Containing Materials (ACM): A cursory non-intrusive visual screening for the presence of suspect ACM within the accessed areas of buildings built prior to 1990 on the Subject Property. If the Subject Property contains buildings built in 1990 or later, the contracted scope of work excludes a cursory non-intrusive visual screening or any other level of evaluation for suspect ACM; however, the exclusion for buildings built ≥1990 should not be interpreted to suggest that any such buildings are free of ACM or would not warrant evaluation of building materials for ACM prior to disturbance. It is emphasized that this cursory non-intrusive visual screening does not constitute an asbestos survey/inspection of the premises. An asbestos survey/inspection should be sought by the report User(s) if a greater certainty is desired regarding ACM and potential asbestos hazards at the Subject Property. Furthermore, a review of regulatory compliance matters pertaining to asbestos is excluded from the scope of work.

Lead-Based Paint (LBP): A cursory non-intrusive visual screening of the condition of painted surfaces in the accessed areas of residential buildings/units built prior to 1980 on the Subject Property. If the Property contains buildings built in 1980 or later, the contracted scope of work excludes any cursory non-intrusive visual screening or other level of evaluation for suspect LPB;

however, the scope of work exclusion for building built ≥1980 should not be interpreted to suggest that any such buildings are free of LPB or other lead hazards. It is emphasized that this cursory non-intrusive visual screening does not constitute a comprehensive survey for LBP or potential lead hazards. A comprehensive inspection should be sought by the report User(s) if more certainty is desired regarding LBP at the Subject Property. Furthermore, a review of regulatory compliance matters pertaining to lead-based paint is excluded from the scope of work.

USEPA Designated Radon Potential: Review of general non-site specific data published by the USEPA regarding the Radon Zone classification for the area of the Subject Property.

Mold/Microbial Damage: A cursory non-intrusive visual screening within the accessed areas of buildings on the Subject Property for evidence of systemic microbial problems, including visible mold growth, water damaged building materials or musty odors. It is emphasized that this cursory non-intrusive visual screening does not constitute a comprehensive survey for moisture/mold/microbial damage. A more comprehensive inspection should be sought by the report User(s) if more certainty is desired regarding the potential for moisture/mold/microbial damages at the Subject Property.

NWI Wetlands: The Property has been reviewed for jurisdictional wetlands using the National Wetlands Inventory Wetland Mapper (http://wetlandsfws.er.usgs.gov/NWI/download.html) to determine whether mapped federal wetlands have been indicated on the Subject Property. Any further evaluation or legal delineation of regulated wetlands areas is excluded from the scope of work.

It is also emphasized that a field delineation of regulated wetlands by a qualified professional would be warranted to more fully determine the presence or absence of regulated wetlands at the Subject Property.

Lead in Drinking Water: Review of the potential for elevated levels of lead in the drinking water by determining the source of the drinking water supply and a review of available testing or compliance data reports.

2.2 Property Location/Legal Description

Property location and legal description details are described as follows:

Primary Street Address:	135 Main Street				
City:	Poughkeepsie	**County:**	Dutchess	**State:**	NY
Tax ID/Parcel Number:	Block 76, Lot 911				
Approx. Land Area:	2.20 acre				
Apprx. Latitude/Longitude:	North 41.7058760 degrees/West 73.9334410 degrees				
Additional Details (if appl.):	Historic Address Ranges of 5-27 N. Perry St (Bayeaux Street) and 127-149 Main Street				
Property Owner:	Admiral Halsey Apartments				
Zoning Designation:	R6 (Residential)				

2.3 Data Gaps

A *data gap* is defined by the ASTM as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap and the ability to determine the presence or absence of recognized environmental conditions. The following table summarizes data gaps encountered during the assessment as well as a discussion of their significance.

Data Gap:	Significant (Yes/No)?	Discussion
Historical records data failure	No	The date and/or type of the first developed use of the Property was not documented. Records gaps exceeding five years were encountered; however, no significant site use changes are suspected during these intervals.
Response to agency records requests not received as of date of report.	No	Any additional information indicative of a REC will be forwarded upon receipt.

2.4 ESA Report Component Dates/Viability

The ASTM E1527-21 standard states that an environmental site assessment (ESA) is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the Subject Property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). Specifically, all of the following components must be conducted or updated within 180 days prior to the date of acquisition or prior to the date of the transaction. The following table summarized the component completion dates:

ESA Component	Completion Date
Interviews	March 18, 2022
Env Lien Search	(excluded from scope)
Government Records Review	March 16, 2022
Visual Inspections	March 18, 2022
Env. Professional Declaration	March 23, 2022

2.5 User Reliance

This report is for the exclusive use of OMNI New York, LLC and additional relying entities, if any, named on the front cover. No additional individuals or entities shall be permitted to rely upon any data, interpretation, reports or other information or documentation contained in this report, without first obtaining the consent of OMNI New York, LLC; and without obtaining written consent from Hillmann in the form of a reliance agreement/letter.

Hillmann may, in its sole discretion, withhold its consent to additional reliance and/or Hillmann may condition consent for reliance upon payment of a fee or other conditions.

2.6 Significant Assumptions

The following significant assumptions are made:

- The site operations at the time of the site visit are assumed to reflect typical site conditions relative to potential environmental conditions and that no concealment of environmental conditions or releases by site owners or occupants has occurred. Likewise, it is assumed that no areas of the Subject Property with potential environmental concerns or RECs were concealed or otherwise not reported, intentionally or unknowingly, by the Subject Property owners/occupants and/or site escort at the time of the site visit.

- For the purpose of estimating the approximate direction of groundwater flow in the absence of site specific groundwater data, unless indicated otherwise, an assumption has been made that the gradient of groundwater flow follows the surface topography of the Subject Property and immediate surrounding area.

2.7 General Limitations and Exceptions

Limitations

The report turnaround time specified by the contract agreement for this assessment may present a limitation to the availability of pertinent regulatory agency records. Such limitations, if encountered, would be further specified in Section 4.1.

Significant limitations related to the condition or accessibility of the Subject Property at the time of the site reconnaissance, if encountered, are reported in Section 6.1.

Other Exceptions or Deletions

No other exceptions or deletions from the ASTM Standard E 1527-21 are reported.

Special Terms and Conditions

This Phase I Environmental Site Assessment has been prepared using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances, wastes and petroleum products at the Subject Property. Findings within this report are based on information collected from observations made on the day of the site reconnaissance and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, site development, redevelopment, or other construction purposes. No representation or warranty is made that the past or current operations at the Subject Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes.

Findings, conclusions and recommendations presented in this report are based on visual observations of the Subject Property, interviews conducted, the records reviewed, information provided by the Client, and/or a review of readily available and supplied drawings and documents. Information obtained during the assessment, whether written, graphic or verbal, provided by the Subject Property contact(s) or as shown on any documents reviewed or received from the Subject Property contact, owner or agent, or government agency source; is assumed to be accurate except as specifically stated otherwise in this report. Independent verification of the accuracy or completeness of all information reviewed or received during the course of this assessment is not made and excluded from the scope of work for this assessment. No warranty or guarantee is made of the accuracy or completeness of information that was obtained from ostensibly knowledgeable individuals, regulatory agency representatives or other secondary sources.

Regardless of the findings stated in this report, Hillmann is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the assessment was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. Hillmann can neither warrant nor guarantee the accuracy or completeness of the information obtained from the regulatory database report provider during the course of this assessment.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment to identify aboveground and underground storage tanks and ancillary equipment. Reasonable efforts are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify surficial and subsurface features that may have been hidden from view due to parked automobiles and other vehicles, snow cover, vegetative growth, pavement, construction or debris pile storage or incorrect information from sources.

No guarantee, explicit or implied, is made that the records pertaining to historical ownership or occupancy which were reviewed represent a comprehensive or precise delineation of past Property ownership or tenancy for legal purposes.

The ASTM E1527-21 standard states that recommendations are not required to be included in a Phase I ESA report; however, further that recommendations are an additional service that may be useful in the User's analysis of landowner liability protections or business environmental risks; and that the User should consider whether recommendations for additional inquiries or other services are desired.

Recommended response actions offered in Section 1.3, if any, are provided as an option to the Client, and may have taken into account the Client's relation to the Subject Property and/or their

intended purpose of this assessment. If included, it is not intended by Hillmann to represent the only course(s) of action, or inaction, to take. Furthermore, it is emphasized that additional response actions may become advisable depending on the outcome of the initial action(s) taken. Hillmann advises that Client and any additional authorized relying parties as specified on the report Cover and Section 2.5, or via letter of reliance extension, undertake consultation with legal counsel familiar with environmental and real estate law would be beneficial to the decision making process for the type and timing of a response action to identified RECs or Business Environmental Risks, if any.

Due to the limited nature of our review of potential Business Environmental Risks, the User(s) of the report should consider whether to take additional action(s) to further define, properly manage and/or mitigate potential BERs.

The User(s) assumes responsibility for business decisions that it makes utilizing information in the report provided by Hillmann. Hillmann shall not be responsible for any conclusions, interpretations and/or decisions of the User(s).

In the event of any conflict between the terms and conditions of this report and the terms and conditions of the consulting services agreement for this project, the consulting services agreement shall control.

3.0 USER PROVIDED INFORMATION

The term "User" is defined by ASTM as the party seeking to use Practice E1527 to complete an environmental site assessment of the Subject Property; specifically, the entity or entities named on the front cover to which the report has been addressed.

3.1 Environmental Lien and Activity and Use Limitation (AUL) Search

The User did not provide Hillmann with the results of an environmental lien and AUL search for the Subject Property.

3.2 Prior Environmental Reports/Documentation

The following prior environmental reports/documentation was provided:

Phase I Environmental Site Assessment, 135 Main Street, Poughkeepsie, NY 12601; prepared by Hillmann Consulting, LLC and dated October 27, 2020. The report stated the following:

> *"Subsurface testing conducted at the Property in 2007 and 2019 identified metals and SVOCs in soils and groundwater at concentrations exceeding regulatory cleanup standards. The identified contaminants were attributed to historical urban fill. Groundwater results in one location indicated VOC and PAH compounds exceeding the NYSDEC regulatory cleanup standards. These compounds are indicative of possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring. Due to the findings of the subsurface testing, the Property voluntarily procured a Soil and Groundwater Contamination Health and Safety Plan (EHI, 2007) that prescribed operational procedures for site personnel to follow during activities that disturb soil or groundwater. Since the identified urban fill and VOC contaminants in soil and groundwater are being managed in place under the Soil and Groundwater Contamination Health and Safety Plan the metals and SVOCs in soil and VOCs in groundwater are considered to be a REC in connection with the Property."*

Phase I Environmental Site Assessment, 135 Main Street, Poughkeepsie, NY 12601; prepared by Hillmann Consulting, LLC and dated April 8, 2019. The report stated the following:

> *"Subsurface testing conducted at the Property in 2007 and 2019 identified metals and SVOCs in soils and groundwater at concentrations exceeding regulatory cleanup standards. The identified contaminants were attributed to historical urban fill. Groundwater results in one location indicated VOC and PAH exceeding the regulatory cleanup standards. These compounds are indicative of a possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring. Due to the findings of the subsurface testing, the Property voluntarily procured a Soil and Groundwater Contamination Health and Safety Plan (EHI, 2007) that prescribed operational procedures for site personnel to follow during activities that disturb soil or groundwater. Since the identified urban fill and VOC contaminants in soil and groundwater are being managed in place under the Soil and Groundwater Contamination Health and Safety Plan, the metals, SVOCs, in soil and VOCs in groundwater are considered to be a REC in connection with the Property."*

Phase II Subsurface Investigation Report, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Consulting, LLC and dated April 8, 2019. The report stated the following:

"Laboratory results indicated various exceedances of the Unrestricted Use Soil Cleanup Level but not the Restricted-Residential Soil Cleanup Level. The various detections are suspected as attributed to the historic fill material located on the Property. Arsenic that was the only compound in soil detected above the RRUSCO in several soil samples. The Arsenic detections are suspected as attributed to historic property use as a manufactured gas plant or historic fill material.

During site redevelopment activities, all soil slated for removal off-site should be disposed of in accordance with federal, state and local regulations.

The metals exceedances detected in groundwater are suspected as attributed to turbidity/particulates suspended in groundwater associated with temporary well point installation and not dissolved groundwater contamination. Several of the detected metals including Sodium, Selenium, Magnesium, Beryllium, Silver, and Nickel, are typically naturally occurring/background conditions.

Groundwater results from sample TWP-1 indicated VOC and PAH compounds in exceedance of the GQS. These compounds are indicative of possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring.

During site redevelopment activities, groundwater dewatering, if needed, should be performed in accordance with all federal, state and local regulations."

Tank Closure Site Assessment Report; Admiral Halsey Village, 135 Main St., Poughkeepsie, New York; prepared by Conrad GeoScience Corp; dated November 18, 1997. The report documented tank closure activities for a former 10,000-gallon heating oil UST located in the courtyard behind the apartment building. Initially planned for closure by removal, the report stated that the tank was abandoned in place on October 17, 1997 due to the proximity of a natural gas utility pipe and difficulties removing an UST anchor point. Three soil samples were collected from the bottom of the tank excavation and submitted for VOC and SVOC analysis. No VOCs were detected in any of the samples collected. Seven SVOCs were detected at concentrations well below NYSDEC standards. The report concluded:

"Considering the integrity of the UST upon cleaning and attempted excavation, along with the lack of petroleum contaminated soils, there is no evidence of prior leakage or spillage from this tank. In addition, SVOCs detected are well below NYSDEC standards and, therefore, no remedial activity is required. The SVOCs present may represent residual coal tar. No information pertaining to groundwater quality, and the presence of these compounds in groundwater is available at this time."

Phase I Environmental Site Assessment – Update, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Consulting on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, August 28, 2007. The report concluded the following with regard to recognized environmental conditions (RECs) in connection with the Property:

"This update assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Property, except for the following:

• A Limited Phase II Investigation report was prepared by Hillmann in March 2007 to evaluate two recognized environmental condition that were identified by Hillmann's prior Phase I ESA report. The RECs included a potential impact to the environment from a former coal gasification plant; and a historic underground storage tank (UST) that was identified by review of Sanborn Fire Insurance Maps of the Property. The investigation included the use of a GPR survey to identify any underground

structures, utilities, or obstructions, and the collection and analysis of soil and groundwater samples. The results of the investigation identified the presence of residual contamination which could be attributed to the past manufactured gas plant usage. The Limited Phase II Investigation identified elevated levels of metals and PAHs in soils throughout the property. Hillmann understands that Omni has obtained a "Property Use and Work Plan" to protect against possible contamination exposure. This document provides insight on which procedures to follow during excavation activities. In addition, this document is site specific and will only pertain to the subject property. Hillmann has contacted the NYSDEC directly, and was informed that there is no requirement to report a spill to the NYSDEC. Therefore Hillmann does not recommend reporting the results to the NYSDEC. Hillmann notes that a Soil and Groundwater Contamination Health and Safety Plan was developed for the Property on behalf of Admiral Halsey LP, dated July 11, 2007."

The August 28, 2007 Hillman Phase I ESA report also included a summary of a NYSDEC file review of the former Bayeaux Street Coal Gasification Plant. Documentation consisted of a series of reports concerning historic coal gasification plants located the City of Poughkeepsie. Much of the documentation pertained to a different historic coal gas plant located several blocks to the west of the Property along the Hudson River Waterfront. A Phase I investigation report of the Bayeaux Street Coal Gas Plant site was also included, as summarized below by the 2007 Phase I ESA:

Phase I Investigation Poughkeepsie (Bayeaux Street) Coal Gasification Plant Site, City of Poughkeepsie, Dutchess County, New York; prepared by EA Science and Technology of Middletown, New York; on behalf of Central Hudson Gas & electric Corporation, January 1987:

The report indicated that a historic coal gas plant that formerly occupied the Property operated from approximately 1850 to 1911, at which time it was replaced by a Water Street plant located several blocks to the west. The report concluded the following:

"The available data are considered insufficient to prepare a final HRS (Hazard Ranking System) score for this site. There is no documentation of hazardous waste or contamination at the former Poughkeepsie Bayeaux Street Coal Gas Plant site. Groundwater soil quality data lacking."

"In order to prepare a final HRS score for this site, analytical data regarding the quality of the ground-water and soil, and characteristics of waste (if present), will be necessary, thus requiring performance of a Phase II investigation. The proposed Phase II study would include the performance of a soil vapor survey, the installation of 4 observation wells and the collection and analysis of ground-water and soil samples."

Limited Phase II Investigation, Admiral Halsey, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, May 2007.

The purpose of the Limited Phase II Investigation was to evaluate two RECs that were identified by a 2007 Phase I ESA report. The RECs included a potential impact to the environment from a former coal gasification plant; and a historic underground storage tank (UST) that was identified by review of Sanborn Fire Insurance Maps of the Property. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection and analysis of soil samples. These samples were collected from boring locations in the asphalt parking lot, around the old UST and in the area of the historic coal gasification plant. A total of fourteen (14) soil and three (3) groundwater samples were collected and analyzed for parameters including

volatile organic compounds (VOC), base neutrals and acid extractable (BNA), and Priority Pollutant List Metals.

The following is a summary of the conclusions of the Limited Phase II Investigation:

> *"Hillmann has completed a Limited Phase II Investigation at 135 Main Street to assess the impact of former coal gasification plant and UST located on site. The completed scope of work included a GPR survey, the advancement of subsurface borings utilizing a Geoprobe and hand auguring. The following has been concluded from this investigation.*
>
> 1. *The results of the investigation have identified the presence of contamination which could be attributed to past site usage. The environmental concerns identified through laboratory and field observations are the presence of metals and Polynuclear Aromatic Hydrocarbons (PAHs) present in the soil and groundwater.*
> 2. *It appears that the contamination identified is the result of former coal gasification processes conducted on site.*
> 3. *Elevated levels of metals and PAHs are wide spread throughout the property. Minimal risk of exposure is expected in the areas of the parking lot and/or lawn area. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.*
> 4. *Due to the wide spread presence of elevated metals and PAHs around the property, Hillmann has determined that the contamination encountered is not from the UST, but as a result of the historic coal gasification plant. It is determined that the UST did not impact the surrounding environment.*
> 5. *Omni has decided to develop a raised garden bed system. This decision will protect the current residence using the garden area. A brief description of the garden area is described in the below section.*
> 6. *Additionally, Omni is in the process of obtaining a "Property Use and Work Plan" to protect against possible contamination exposure. This document will provide insight on which procedures to follow during excavation activities. This document will be site specific and will only pertain to the subject property. A copy of the work plan will be located at the facility."*

Vapor Intrusion Investigation, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, July 13, 2007.

The scope of work consisted of one round of sampling for VOCs by TO-15 Method. Samples were collected from the Sub-Basement, Maintenance Room, Community Room, on the 1st Floor Adjacent the Elevator, and on the 6th Floor Adjacent the Elevator. Also, one outdoor reference sample was collected. The conclusions and recommendations stated the following:

> *4.1 Conclusions*
> *Based on Hillmann's review, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. Based on the data that we have at this time, Hillmann has found no evidence that an increase health risk exists from the previous Manufactured Gas Plant (MGP). Although the NYSDOH or Hillmann recognize the upper range of the comparative data as a valid reference, it should be noted that very few samples would exceed this level present in some non-impacted homes. Furthermore, it should be noted that samples were collected from areas susceptible to organic vapors from maintenance products and processes.*
>
> *4.2 Recommendations*
> *Based on Hillmann's review of indoor sample results, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. In order to conduct a comprehensive vapor intrusion*

assessment NYSDOH Guidelines recommend that sub-slab soil vapor samples be collected. Sub-slab samples are an important component used to compare with indoor and outdoor samples in order to evaluate current and potential human exposures (e.g. if the building's structural integrity or use changes) and determine the site-specific attenuation factors, which compares the ratio of indoor air to sub-slab vapor concentrations. Furthermore, it may be prudent for follow-up sampling to be conducted on a periodic basis (such as annual or bi-annual) to ensure these conditions do not change over time. If significant changes occur at the building (increase or decrease HVAC, digging, vibration, etc) the potential for vapor intrusion may increase."

Soil & Groundwater Contamination Health & Safety Plan, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared for Admiral Halsey L.P by Environmental Health Investigations, Inc.; dated July 11, 2007. The report established policy for managing potential exposures to chemicals which exist in low concentrations within the soil and ground water associated with the Admiral William F. Halsey Senior Village property located at 135 Main Street in Poughkeepsie, New York.

Supplemental Investigation of Poughkeepsie Bayeaux Street Site; prepared by Central Hudson & Electric Corporation, July 2006. This report detailed a supplemental investigation conducted following results finding from an August 1990 investigation and well installation. The 2006 investigation consisted of the installation of five soil borings in and around the former MGP structure at the site. Soil and monitoring well borings from 1990 consisted of fill material at various depths ranging from ground surface to approximately 8 feet below ground surface in most areas investigated. The four monitoring wells were installed at the Property to assess water quality in 1990. Based on the results from a 1990 Phase II investigation and 2006 supplemental investigation, conclusions, Central Hudson requested that the NYSDEC delist the former Bayeaux Street site from the Inactive Hazardous Waste Disposal Site Program Registry and abandon all monitoring wells.

3.3 User Responsibilities

Section 6 of the ASTM E1527-21 standard describes certain tasks required to be performed by the report User in order to qualify for landowner liability protections to CERCLA liability. To assist the report User to meet these requirements, the ASTM E1527-21 standard recommends a questionnaire of inquiries (User Questionnaire) specified in 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31 be provided to the original report User. A User Questionnaire has been provided to the report User; however, a completed questionnaire was not returned to Hillmann.

Question:	Yes/No:	Detail:
Environmental liens that are filed or recorded against the property: Did a search of recorded land title records identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	NR	
Activity and use limitations that are in place on the property or that have been filed or recorded against the property: Did a search of recorded land title records (or judicial records where appropriate, identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	NR	

Question:	Yes/No:	Detail:
Specialized knowledge or experience of the person seeking to qualify for the LLP: Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	NR	
Relationship of the purchase price to the fair market value of the property if it were not contaminated: Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	NR	
Commonly Known or Reasonably Ascertainable Information: Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,		
-Do you know the past uses of the property?	NR	
-Do you know of specific chemicals that are present or were once present at the property?	NR	
-Do you know of spills or other chemical releases that have taken place at the property?	NR	
-Do you know of any environmental cleanups that have taken place at the property?	NR	
The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation: Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	NR	
Litigation/Administrative Proceedings/Government Notices As the User of this ESA, do you have knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.	NR	

NR-no response

3.4 User's Reason for Performing Phase I ESA

The User did not indicate the purpose of the assessment. In accordance with ASTM E1527-21, it is assumed that the Phase I ESA was being performed in order to qualify for landowner liability protection to CERCLA liability.

4.0 RECORDS REVIEW

4.1 Environmental Information

Physical Setting

Source	Discussion
USGS 7.5 minute Topographic Map Data: (EDR Geocheck-Physical Setting Source Addendum)	The Property lies at an elevation of approximately 112 feet above mean sea level. An interpretation of topographic contour lines as well as a review of the EDR Geocheck-General Topographic Gradient suggested terrain sloping downward towards the west. The closest down gradient water body is the Hudson River, located approximately 1,900 feet to the west.
USDA SCS Soil Data: (EDR Geocheck-Physical Setting Source Addendum)	The soil type at the Property is classified as "Udorthents". This soil type is described as a gravelly loam surface texture and is well drained with an intermediate water holding capacity
Geologic Data: (EDR Geocheck-Physical Setting Source Addendum)	The geologic formation in the vicinity of the Property is described as a stratified sequence of the Paleozoic Era, Ordovician System, and Middle Ordovician Series.
Prior Env. Reports: (Section 3.2)	Data obtained from reports discussed in Section 3.1 indicated the following: *"Soil stratigraphy consisted of mainly fill material in all soil borings…Groundwater was observed in each boring at various depths ranging from 3-5 feet bgs."*
Additional Sources/ Data:	No additional physical setting sources or data was obtained.
Groundwater Flow Discussion:	Based on a review of the above information as well as observation of the site, the direction of shallow groundwater flow at the site is inferred to be towards the west.

Federal, State and Tribal Environmental Record Sources

Standard government records were obtained and reviewed primarily via a third-party regulatory database report, titled EDR Radius Map™ Report, prepared by Environmental Data Resources of Shelton, CT. The report provided government records from the standard environmental resources and within minimum search distances specified by Section 8.2.2-Table 2 of the ASTM E1527-21; and were reviewed for the purpose of identifying potential RECs in connection with the Subject Property. Additional detail of the source and significance of the regulatory databases can be found in the regulatory database report in Appendix E. Hillmann has also included discussion of records pertaining to the Subject Property from other government record sources not specifically listed under Table 2, as applicable.

Reported distances for adjoining property listings, if applicable, are approximate and indicative of the presence of a public roadway or right-of-way between the adjoining site and Property.

The reported gradients have been estimated based on a number of factors including but not necessarily limited to field observation, review of topographic maps, database listing details and/or site specific geo-technical data.

Limited analysis of the details of on-site, adjoining and vicinity database sites was conducted to identify potential sources of sub-surface vapor encroachment. This review was based on elements of the ASTM "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" (ASTM E 2600-15); and also on elements of "Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby

Contaminated Sources" (Buonicore, 2011-S-103-AWMA). Vicinity database sites pertaining to non-petroleum product releases within 1,760 feet of the Subject Property in the up-gradient direction, 365 feet of the Subject Property in the cross gradient direction and 100 feet of the Subject Property in the down gradient direction; and vicinity database sites pertaining to petroleum product releases within 528 feet of the Subject Property in the up-gradient direction, 165 feet of the Subject Property in the cross gradient direction and 100 feet of the Subject Property in the down gradient direction were reviewed to identify active contamination sites with the potential to affect subsurface vapor conditions at the Subject Property. The potential for vapor encroachment was considered in assessing whether or not a REC exists in connection with the Subject Property when reviewing applicable sites within those distances.

Regulatory database sites with active petroleum or non-petroleum releases that are considered to constitute a vapor encroachment condition (VEC) to the Subject Property, if any, are identified and discussed in this section.

The EDR Radius Map report is attached in Appendix E.

Property Listings

The following listings of the Subject Property were identified:

Name/Address:	Admiral William F. Halsey Senior Village, 135 Main Street
Database(s):	AST, UST
Data Discussion:	According to the database, a 10,000-gallon #2 heating oil UST was installed in 1976 and with the status "closed – removed" in 1997. The AST listing indicated a 10,000-gallon #2 heating oil tank installed in 2008 with the status "In Service". No indication of reported spills were noted for either tank. A Tank Closure Site Assessment Report dated November 18, 1997 was provided for review. The report documented tank closure activities for a former 10,000-gallon heating oil UST located in the courtyard behind the apartment building. Initially planned for closure by removal, the report stated that the tank was abandoned in place on October 17, 1997 due to the proximity of a natural gas utility pipe and difficulties removing an UST anchor point. Three soil samples were collected from the bottom of the tank excavation and submitted for VOC and SVOC analysis. No VOCs were detected in any of the samples collected. Seven SVOCs were detected at concentrations well below NYSDEC standards.
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.
VEC Discussion:	Based on the available data, a VEC is not suspected.

Name/Address:	CH - Bayeaux Street Poughkeepsie MGP, Main Street and North Perry Street
Database(s):	SHWS/NY HSWDS
Data Discussion:	The HSWDS listing reflected information dated 2003 that the former Bayeaux Street MGP was listed as a potential hazardous waste disposal site. Although not listed by EDR on the SHWS database, a search of the NYSDEC Environmental Site Remediation database listed the former Bayeaux Street MGP (#314071) in the state superfund program with "C" (completed) classification. Further, the database details state *"Site was given a class of R. Decision was made on 3/12/07 to classify as N. Reclassified to C. This was the site of a small MGP on Main Street and North Perry Street in Poughkeepsie. A senior citizens housing development occupies the site today. The site is included in a multi-site Consent Order #D3-0134-89-05 1/12/90. A Site Assessment (PSA) was performed in 1990. No significant MGP waste material was found, and an NFA letter was sent on 03/12/07. As DER's experience with MGP sites grew, a few data gaps were identified in the original PSA. Central Hudson completed additional investigation work in 2006 to more completely cover the full footprint of the site with borings and test pits.*

	The additional work confirmed the original conclusion that no significant MGP waste was present at the site. A letter stating this conclusion was issued on 03/12/07."
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.
VEC Discussion:	Based on the available data, a VEC is not suspected.

Adjoining Property Listings

The following adjoining property listings were identified.

Name/Address:	Salvation Army – 150 Main Street				
Database(s):	NY SPILLS				
Distance in feet:	86	**Direction:**	SSE	**Gradient:**	Up
Data Discussion:	According to the database, case number 1809200 was opened on December 1, 2018 when one gallon of fuel oil spilled onto the sidewalk due to a tank overfill. Corrective action was taken and the spill was closed on December 3, 2018				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

Name/Address:	NYSDOT Project, 133 Main Street, Spill number 9604735				
Database(s):	NY SPILLS				
Distance in feet:		**Direction:**		**Gradient:**	
Data Discussion:	Although mistakenly listed as adjoining by EDR, the listing is actually for a site located in Carroll (Chautauqua County) , New York				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

Name/Address:	River Care Nursing Home, 138-144 Main Street, Spill number 9714354				
Database(s):	UST, NY SPILLS				
Distance in feet:	1	**Direction:**	S	**Gradient:**	Cross
Data Discussion:	The UST listing indicated a 1500-gallon #2 fuel oil UST was installed in 1998 and has been closed by removal. According to the NY Spills listing, contamination was discovered during the removal of a 275 gallon AST from the basement of a demolished building. The spill case was closed on March 26, 1998.				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

Name/Address:	115 Main Street, Spill number 9202522				
Database(s):	NY SPILLS				
Distance in feet:	130	**Direction:**	WSW	**Gradient:**	Down
Data Discussion:	According to the database, an air eliminator truck malfunctioned causing an oil leak to the paved street. Driver applied Speedi-Dri® and confirmed cleanup, and the spill case was closed on June 2, 1992.				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

Surrounding Area Findings

The following is a discussion of non-adjoining sites identified as located within the ASTM specified search distance surrounding the Subject Property. In order to keep this discussion informative and concise, discussion(s) is/are provided of the listed site(s) for each database category that appears most likely to impact the Subject Property based on distance, area topography and/or regulatory status. Listings of sites within the applicable search distances not specifically discussed below were reviewed and concluded not to be RECs in connection with the Subject Property or VECs based on various factors including distance, area topography, known or inferred groundwater flow direction and/or regulatory status.

Federal NPL				**# of sites:**	1	**Search Distance:**	1-mile
Notable Listing:	Hudson River PCBS						
Distance in feet:	1,813	**Direction:**	W	**Gradient:**	Down		
Data Discussion:	Considering the distance and down-gradient location, this site does not represent a REC.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

Federal Delisted NPL				**# of sites:**	0	**Search Distance:**	1-mile
Notable Listing:	None						
Distance in feet:		**Direction:**		**Gradient:**			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

Federal SEMS				**# of sites:**	1	**Search Distance:**	½-mile
Notable Listing:	Hudson River PCBS						
Distance in feet:	1,813	**Direction:**	W	**Gradient:**	Down		
Data Discussion:	Considering the distance and down-gradient location, this site does not represent a REC.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

Federal SEMS-ARCHIVE				**# of sites:**	2	**Search Distance:**	½-mile
Notable Listing:	Berncolors-Poughkeepsie Inc – 75 N Water St						
Distance in feet:	1,830	**Direction:**	NW	**Gradient:**	Down		
Data Discussion:	This is the closest SEMS-ARCHIVE site to the Property. The site was indicated as Removal Only Site (No Site Assessment Work Needed) and is not on the NPL.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

Federal CORRACTS				**# of sites:**	0	**Search Distance:**	1-mile
Notable Listing:	None						
Distance in feet:		**Direction:**		**Gradient:**			
Data Discussion:							
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

Federal RCRA-TSD				**# of sites:**	0	**Search Distance:**	½-mile
Notable Listing:	None						
Distance in feet:		**Direction:**		**Gradient:**			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

State/Tribal SUPERFUND & HAZARDOUS WASTE				**# of sites:**	5	**Search Distance:**	1-mile
Notable Listing:	HRH Lead Abatement Site – 55 Garden Street						
Distance in feet:	1,954	**Direction:**	E	**Gradient:**	Up		
Data Discussion:	This is the closest SHWS site to the Property. According to the database, *"The primary contaminant associated with the site is lead, which resulted from the abatement of lead paint… All lead resulting from the abatement was containerized and properly disposed off-site."*						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

State/Tribal LANDFILL/SOLID WASTE DISPOSAL				**# of sites:**	1	**Search Distance:**	½-mile
Notable Listing:	GF Refuse TF – 240 Main St						
Distance in feet:	1,264	**Direction:**	ESE	**Gradient:**	Up		
Data Discussion:	According to the database, this site is an inactive transfer station. This address is not listed on any additional regulatory databases.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

State/Tribal LEAKING STORAGE TANKS				**# of sites:**	24	**Search Distance:**	½-mile
Notable Listing:							
Distance in feet:		**Direction:**		**Gradient:**			
Data Discussion:	All of the 24 LTANKS listings have a closed regulatory status and none are considered RECs						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

State/Tribal VOLUNTARY CLEANUP SITES				**# of sites:**	1	**Search Distance:**	½-mile
Notable Listing:	CH - Water St. - Poughkeepsie MGP – North Water Street						
Distance in feet:	2,128	**Direction:**	NW	**Gradient:**	Down		
Data Discussion:	According to the database, the former MGP operated from 1911 to 1950, with contaminant of concern coal tar leaking from the storage vessels and piping and still present in the subsurface. Some tars continually to discharge into the Hudson River sporadically. Several environmental investigations indicated coal tar contains high levels of dissolved BTEX, PAH and metal compounds that has impacted the subsurface of the site, bedrock and Hudson River. Based on the active investigation, the flow of contamination towards the Hudson River, elevation and distance from the Property, this listing is not considered a REC in connection of the Property.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

State/Tribal BROWNFIELD SITES				# of sites:	4	Search Distance:	½-mile
Notable Listing:	Queen City Lofts – 178-188 Main St & 11 S. Bridge St.						
Distance in feet:	311	**Direction:**	SE	**Gradient:**	Up		
Data Discussion:	According to the database, the site was used for various industrial, commercial and residential purposes including a machine shop and laundry facility from as early as 1887 until the mid-1980s. Contamination was identified during a subsurface investigation attributed to historic fill and two USTs. Contamination is documented to be contained within the site boundaries. Based on the subsurface investigation and no contamination leaching offsite, this listing is not considered to be a REC in connection with the Property. Based on various factors including distance, area topography and/or site status, none of the other BROWNFIELDS listings are considered to be a REC for the Property.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

UNMAPPED/ORPHAN LIST SITES	
	Hillmann has also reviewed a list of unmapped sites (a.k.a. "Orphan List" sites) indicated by the database report. Unmapped sites that were identified as falling within an applicable specific search distance or warranting discussion have either been discussed in the preceding tables or are detailed below:
Notable Listings:	None

Additional Environmental Record Sources

Requests have been submitted to local, municipal and state agencies for pertinent records pertaining to the Subject Property, particularly with regard to potential environmental concerns such as petroleum storage tanks, storage and usage of hazardous substances and petroleum products, and/or known or suspected environmental contamination. Where applicable, internet research of government environmental regulatory databases was also conducted, as well as a general cursory internet search of the Subject Property address, for information indicative of a REC. The following table summarizes the findings of the research:

Source	Type of Request	Outcome
NYS Dept of Environmental Conservation	FOI request	No response was received prior to report issuance. A response made at the time of the 2020 Phase I was received and stated that no records were found.
Dutchess County	FOI request	No response was received prior to report issuance. A response made at the time of the 2020 Phase I was received and stated that no records were found.
City of Poughkeepsie	FOI request	No response was received prior to report issuance..
EPA Envirofacts	Online search	Hillmann reviewed available on-line records pertaining to the Property. No information indicative of a REC was identified.
Internet Search Engine	Online search	Hillmann reviewed available on-line records pertaining to the Property. No information indicative of a REC was identified.

Pertinent records referenced in the above table have been included in Appendix F.

4.2 Historical Research

Historical records have been compiled and analyzed for historical property information and developing a history of previous uses of the Subject Property, adjoining properties and surrounding area. These records were reviewed for the purpose of identifying the likelihood of past uses having led to RECs in connection with the Subject Property.

The historical record sources listed below have been sought with the objective to document past uses of the Subject Property from the present back to the Subject Property's first developed use, or back to 1940, whichever is earlier. The term "developed use" includes agricultural use, placement of fill dirt and other uses that do not involve structures. Hillmann has sought to review historical records in minimum intervals of five years.

Fire Insurance Maps

A Certified Sanborn Map Report was obtained from EDR for a review of published historic fire insurance maps for the Subject Property and surrounding area. The following is a summary of site uses and notable details depicted by the available maps:

Year(s)	Description	
1887	**Property**	The Property is developed along Main Street in the southern portion and southwest along Bayeaux Street with various commercial stores and businesses. The central of the property is developed with pottery maker including a coal shed. The northern portion of the property is a developed with portions of the Poughkeepsie Gas Light company, a manufactured gas plant. An iron gas holder is depicted at the northeast corner of the site.
	Adjoining Properties	The adjoining properties are depicted with a school house to the north; developed residential dwellings and vacant building to the west; developed commercial businesses to the south including drugstore, grocery, butcher, carpeting and wall paper shop, and laundry facility; developed commercial businesses to the southeast, and portions of the Poughkeepsie Gas Light Company to the northeast.
1895	**Property**	The Property is depicted as developed with commercials business to the south along Main Street and southwestern portion along Bayeaux Street, in the central portion with a factory for stone, earthenware and piping; and the buried foundation of manufactured gas tank on the northern portion.
	Adjoining Properties	No significant changes.
1913	**Property**	The Property is depicted as developed in the southern portion along Main Street and southwestern portion along Bayeaux Street with commercial business. Central portion of the property along Bayeaux Street depicts a gas and electric store. The Poughkeepsie Gas Light Company is no longer depicted.
	Adjoining Properties	The adjoining property to the north of the site is depicted as a tenement. A gasometer labeled as "Not Used) is depicted in the northwest. No other significant changes.
1950	**Property**	Bayeaux Street is now named North Perry Street. The Property is depicted as developed in the southern portion along Main Street and southwestern portion along North Perry Street with commercial business. Central portion of the property along North Perry Street depicts a poultry market and vacant building. The northern portion of the property depicts a private garage for automobiles and "J. Schrauths Sons Inc." is labeled across the north portion.
	Adjoining Properties	The adjoining property to the north of the site is depicted as vacant and boarded up. A scrap metal yard is depicted adjoining to the northwest. No other significant changes.

Year(s)	Description	
1952	**Property**	The garage structure at the northern portion of the Property is now labeled as an ice cream distribution warehouse instead of a private garage. A buried gasoline tank is depicted adjacent to the southeast corner of the garage. No other significant changes.
	Adjoining Properties	No other significant changes.
1990	**Property**	The Property is depicted with the Admiral William F Halsey Senior village for housing at the southern end and the remaining portion of the site with no improvements.
	Adjoining Properties	The adjoining properties are depicted as developed with a parking lot to the southwest with commercial businesses and apartments, northwest and east adjoining depicts multifamily residential dwellings. The north adjoining property is depicted as a playground. The southern adjoining properties are depicted as vacant lots.

A copy of the Certified Sanborn Map Report is attached in Appendix D.

City Directories

An EDR City Directory Abstract report was reviewed for data of former occupants of the Subject Property's street address. The following is a generalized summary of the findings of city directory research for past occupants of the Subject Property.

Property	
Occupant(s)	**Appr. Date Range**
Residential and Commercial Listings (127-149 Main Street)	1942 - 1970
Self Service Laundry (145 Main Street)	1963
Disabled American Veterans	2000
Residential occupants of Admiral Williams F Halsey Senior Village (135 Main Street)	1980-1992, 2005-2014

The EDR City Directory Abstract report was also reviewed for listings of historic occupants of the adjoining properties. The following is a general summary of listings of historic adjoining property occupants:

Adjoining Properties		
Address(es)	**Historic Occupant(s)**	**Appr. Date Range**
130-150 Main Street	Various Residential and commercial listings including a motor vehicle bureau, funeral home, plumbing supply store	1942 – 1975
138-140 Main Street	Commercial listings including Irene Development Corp and River Valley Realty Corp, Peter J Liepmann MD LLC, & River Valley Care Center Inc	2000-2014
98-128 Main Street	Residential and Commercial listings including shoe repair, electronic store, restaurant, motor cycle repair shop, fruit market, linen supply company	1942 – 1980
110-116 Main Street	Various commercial listings including Ackerman Quinn Financial Services, Poughkeepsie Chamber of Commerce, Alternative Environmental Services, Marshall & Sterling Inc., etc.	1992-2014
113-125 Main Street	Residential and Commercial listings including a tavern, janitor supply	1942-1975
113-115 Main Street	Residential and Commercial listing including Milanese Restaurant	1975-2014
157 - 161 Main Street	Residential Listing	2010- 2014

Adjoining Properties		
Address(es)	**Historic Occupant(s)**	**Appr. Date Range**
12-42 North Perry Street	Residential listings	1942-2000

A copy of the EDR City Directory report is attached in Appendix D.

Historical Topographic Maps

Historical topographic maps of the Property and vicinity obtained from an EDR Historical Topographic Map report (as attached in Appendix D) have been reviewed. The following interpretation of land usage was made by review of the maps:

Year(s)	Summary	
1893, 1894, 1903	**Property:**	No structures shown
	Adjoining:	No structures shown
1936, 1943	**Property:**	Residence
	Adjoining:	Undeveloped lots and residences
1947, 1957, 1982, 1995	**Property:**	The area of the Property is shaded pink to denote dense development
	Adjoining:	The areas of the adjoining sites are shaded pink to denote dense development.
2013, 2016, 2019	**Property:**	No structures shown
	Adjoining:	No structures shown

If obtained, copies of historical topographic maps have been included in Appendix D.

Historical Aerial Photographs

Historical aerial photographs of the Property and vicinity obtained from an EDR Aerial Photo Decade Package report, as attached in Appendix D, were reviewed. The following interpretation of land usage was made by review of the aerial photographs:

Year(s)	Summary of Interpretation	
1958	**Property:**	The quality of the photo is too poor to discern any details
	Adjoining:	The quality of the photo is too poor to discern any details
1984, 1995, 2006, 2009, 2013, 2017	**Property:**	Current residential building
	Adjoining:	Residential and commercial buildings

If obtained, copies of historical aerial photographs have been included in Appendix D.

EDR High-Risk Historical Records

The EDR Radius Map™ report, which is discussed in greater detail in Section 4.1 and attached in Appendix E, provided a search of proprietary databases of potential historical high-risk uses at or in the vicinity of the Subject Property. These databases include EDR Historic Cleaners – a database of property addresses with records of historical occupancy by suspected cleaners businesses; EDR Historic Auto – a database of property addresses with records of historical occupancy by potential

automotive gas/filling stations and repair facilities; and EDR MGP- a database of sites historically occupied by manufactured gas plants and related facilities.

EDR Database	On-site Listings:	Adjoining/Off-Site Listings
Historic Cleaners: (on-site/adjoining only)	None	None
Historic Auto: (on-site/adjoining only)	None	None
MGP: (1-mile distance)	The Property is listed as a former MGP from as early as 1887 through approximately 1911.	Two additional MGP listings are identified within 1-mile search distance. One MGP site is located approximately 2,041 feet to the south-southwest of the Property. The second MGP site is located approximately 2,243 feet to the northwest of the Property.

Petroleum/Natural Gas Well Review

The historical record sources were reviewed for records of historic petroleum and/or natural gas wells at the Subject Property. No record of any historical petroleum/natural gas wells at or adjoining the Property was identified.

Additional Historical Data

Where applicable, the following additional pertinent historical data was obtained:

Interviews/Anecdotal:	No additional pertinent historical data was obtained.
Local Gov't Records:	No additional pertinent historical data was obtained.
Prior Env. Reports: (Section 3.2)	Prior environmental reports reviewed as part of this assessment, as detailed in Section 3.1, did not provide additional pertinent detail of historical site usage.
Site Observations:	Indications of historic uses of the Property or adjoining properties were not observed during the site reconnaissance.
Other Sources:	No additional pertinent historical data was obtained.

Summary of Identified Historic Uses

The following table presents a summary of the types and approximate date ranges of identified prior uses of the Subject Property:

Property	
Date Range	**Use**
1887 to 1913	Various commercial stores observed to the south of the property along Main street; Central portions of the property observed various commercial business; Northern portion of the property is observed with a manufactured gas plant.
1913 to 1952	Various commercial properties are observed in the south along Main Street. Central portions of the property is developed with commercial businesses, portions of a dairy and a vacant building; North portion of the property is developed with a private garage for automobiles.
Circa 1975 to Present	Senior Citizen Apartment Complex

The following table presents a summary of the types of identified prior uses of the adjoining properties:

Adjoining Properties	
Date Range	**Use**
1887 to present	Residential, commercial, and storage

Historical Records Data Failure

The ASTM E1527-21 standard defines data failure as failure to achieve the historical research objective even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. The objective is to identify all obvious uses of the property from the present, back to the property's first developed use, or back to 1940, whichever is earlier. Furthermore, records of historic use/conditions were sought in intervals no less than approximately five years, unless the property conditions appear unchanged over a longer interval. In encountered, data failure and its significance as a data gap is discussed below:

Objective	Met?	Detail	Significant?
First developed use/date determined?	No	The earliest documented use of the Property was a mix of commercial stores/businesses and a manufactured gas plant in 1887.	No
Record sources at 5-year intervals back to 1940 or first developed use?	No	Historical record gaps exceeding five years were encountered. However, significant site-use changes or undiscovered site uses appear unlikely to have occurred during the record gaps.	No
All obvious prior uses identified?	Yes	See Summary of Identified Past Uses of this section.	No

Please refer to Section 2.3 for additional discussion of data gaps and their significance to the findings of the assessment.

Historic Uses REC Discussion

The review of historical records did not indicate evidence of a REC in connection with the Property.

The central and north portions of the property were occupied by portions of a manufactured gas plant, currently known as the CH – Bayeaux Street Poughkeepsie MGP, from approximately the mid-19th to early-20th century. As further described in Section 4.3.1, the former MGP site is listed on the database of New York State Superfund sites and has undergone previous subsurface investigations with NYSDEC oversight due to the potential for subsurface impacts from the historical gas manufacturing operations. According to the NYSDEC published information, following the completions of site investigation work in 1990 and 2006, no significant MGP waste material was found and a NFA status was granted by NYSDEC on March 12, 2007.

The northern half of the Property was occupied by portions of a dairy in the mid-20th century, which included a garage structure and adjoining buried gasoline storage tank depicted by a 1952 historical fire insurance map. The site was redeveloped into the current configuration in the 1970s. Subsurface testing at the Property has not identified by evidence of a petroleum release in the vicinity of the historical UST; however, the disposition of the historical gasoline tank was not determined.

See Section 1.3 above for a discussion of a REC associated with contaminants identified during previous investigations related to areas of historic fill at the Property.

5.0 INTERVIEWS

5.1 Interviews with Owners, Operators and Occupants

Current Owner

Property Owner	**Contact Name**	**Affiliation**	**Interview Type**
Admiral Halsey Apartments			
Interview Date:			
Interview Outcome/Findings:			
Attempts to interview were made via telephone and email (environmental questionnaire); however, no response was received.			

Key Site Manager/Operator

Name	**Company/Title**	**Yrs @ Site**	**Interview Type**
Ms. Lori Ferguson	Reliant Realty	2	In person
Interview Date:	March 18, 2022		
Interview Outcome/Findings:			
An interview was conducted in person at the time of the site visit. Pertinent information, where applicable, is referenced in the appropriate sections of this report.			

Occupant(s)

Name	**Company/Title**	**Yrs @ Site**	**Interview Type**
Interview Date:			
Interview Outcome/Findings:			
Occupants were not available for interview at the time of the assessment			

Prior Owners/Operators/Occupants

Name	**Company/Title**	**Yrs @ Site**	**Interview Type**
Interview Date:			
Interview Outcome/Findings:			
No prior owners, operators or occupants were interviewed.			

Neighboring Property Owner/Occupants

Name	Company/Title	Yrs at site	Interview Type
Interview Date:			
Interview Outcome/Findings:			
The Property was not an abandoned property with evidence of unauthorized uses or uncontrolled access; therefore, interviews with adjoining or nearby property owners or occupants were not conducted.			

5.2 Interviews with State and/or Local Government Officials

State and/or local governmental officials have been interviewed to obtain information of potential RECs in connection with the Subject Property. Many government agencies and their officials require submittal of written request for records in order to respond. The details in Section 4.1 list the various state and local government agencies contacted as part of this assessment, and the outcome of each inquiry. In addition, the details of regulatory database research in Section 4.1 may have included detail of interviews with officials pertinent to government records review and identification of RECs.

Additional interview of government officials not previously detailed in Sections 4.1 are discussed below, if applicable.

Name	Agency Name/Title	Interview Type
Interview Outcome/Findings:		
No additional local/state government officials were interviewed.		

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

A site reconnaissance was conducted to collect information and make observations to help identify RECs in connection with the Subject Property. This included visual and/or physical observations of the Subject Property and its structures, adjoining properties as viewed from the Subject Property boundaries and the surrounding area based on visual observations from adjoining public thoroughfares and accessed Subject Property structures. Subject property building exteriors were observed at ground level, unless otherwise indicated. Where applicable, building interiors were accessed and observed to the extent they were made safely accessible with the cooperation of the site escort.

Site Inspection Personnel:	Ms. Stephanie Lamb
Property Escort/Company:	Ms. Lori Ferguson/ Reliant Realty
Inspection Date:	March 18, 2022
Weather Conditions:	50°F Clear

Significant Inaccessible Areas

No significant areas of the Property inaccessible at the time of the inspection were noted.

Significant Limiting Site Conditions

No significant limiting site conditions were noted at the time of the site reconnaissance.

6.2 General Site Setting

Site and Vicinity Characteristics

Abutting Roadways:	Main Street to the south; North Perry Street to the west
Current Property Use:	Residential
Evidence of Past Property Uses:	None observed.
Evidence of Past Adjoining Property Uses:	None observed.
Surrounding Area Uses:	Commercial, residential, park

Current Adjoining Property Uses

Dir	Street Address	Description
N	31-35 North Perry Street	City Park
NW	20 North Perry Street	Apartments (Residential Multifamily)
W	115 Main Street	Restaurant
SW	110 Main Street	Offices
S	140 Main Street	The Grand Rehabilitation & Nursing at River Valley
E	20 North Bridge Street	Apartments (Residential Multifamily)

No visual observations indicative of a potential environmental concern were noted on the adjoining properties.

Topographic Characteristics

Terrain:	Flat to gently sloping
Direction of Downward Slope:	Towards the west
On-site Water Bodies:	None observed
Other Significant Features:	None observed

General Description of Structures and Improvements

Buildings:	1
Approx. Building Size:	70 unit residential apartment building
Approx. Year Built:	1976
Number of Stories:	13
Basement/Subgrade Levels:	0
Exterior Ground Cover:	Concrete sidewalk, landscaped grass areas, asphalt parking lot
Ancillary Structures:	Tank shed on north side of Property building
Sources of Heating & Cooling:	Oil fired and electrical powered systems
Potable Water/Sewage Disposal:	Municipal utility connections

6.3 Site Features and Conditions

Storage/Usage of Hazardous Substances and Petroleum Products

The following approximate number of containers, and general description of their contents, capacity, container types and storage conditions, were observed to be stored and/or used at the Subject Property:

Occupant	Substance	Qty/Container Type	Storage Conditions
Owner	Various cleaning and maintenance supplies	Multiple 1-5 gal Containers	In Maintenance Storage.

Bulk Petroleum/Hazardous Material Storage Tanks

The following storage tanks for bulk petroleum or hazardous material storage were identified or reported to be present; or are suspected to be present based on visual observations:

AST/ UST	Product	Capacity	Construction	Year Installed	Status	Location/Notes
AST	No. 2 Fuel Oil	10,000-gal	Steel	2008	In Service	Within sheltered enclosure; no evidence of a release was observed.
UST	No. 2 Fuel Oil	10,000-gal	Steel	1976	Closed in Place	UST decommissioned in 1997; see UST closure report discussion in Section 3.1

Hillmann notes that the potential presence of abandoned USTs and/or associated buried piping at the Property cannot be ruled out. A 1952 Sanborn fire insurance map depicted a buried gasoline on the northeastern portion of the Property. The site was redeveloped into the current configuration in the 1970s. While subsurface testing at the Property has not identified by evidence of a petroleum release in the vicinity of the historical UST, the disposition of the historical gasoline tank was not determined.

Strong, Pungent or Noxious Odors and their Sources

No strong, pungent or noxious odors were noted at the Subject Property.

Standing Surface Water/Pools & Sumps

No standing water, pools or sumps containing liquids likely to be hazardous substances or petroleum products were noted.

Drums, Totes and Intermediate Bulk Containers

No hazardous substance or petroleum product drums were noted.

Unidentified Substance Containers

No unidentified substance containers suspected of containing hazardous substance or petroleum product were noted.

PCBs in Oil Filled Electrical/Hydraulic Equipment

The existing site improvements were established prior to the ban of PCBs in 1979. The following oil-filled electrical/hydraulic equipment was identified at the Subject Property:

One hydraulic trash compactor was observed in the compactor room. No signs of leaking or

staining were observed in the area of the compactor motor.

It is noted that identification of PCB containing fluorescent light ballasts, caulk, paint, or other materials located inside and are part of the building or structure is outside of the scope of the ASTM E1527-21 standard and this assessment.

Stains or Corrosion on Floors, Walls or Ceilings

No stains or corrosion of floors, walls or ceilings, excluding any staining from water, were noted.

Drains and Sumps

Floor drains and a basement sump designed for the purpose of managing sanitary sewage were noted. No conditions indicative of a REC were observed.

Pits/Ponds/Lagoons

No pits, ponds or lagoons were identified in connection with waste treatment or disposal.

Stained Soil, Pavement/Stressed Vegetation

No stained soil, pavement or stressed vegetation was observed.

On-Site Solid Waste Disposal/Fill Material

No evidence of on-site disposal of trash, construction debris, demolition debris or other solid waste was observed.

Subsurface testing conducted at the Property in 2007 and 2019 identified metals and SVOCs in soils and groundwater at concentrations exceeding regulatory cleanup standards. The identified contaminants were attributed to historical urban fill. Groundwater results in one location indicated VOC and PAH compounds exceeding the NYSDEC regulatory cleanup standards. These compounds are indicative of possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring. Due to the findings of the subsurface testing, the Property voluntarily procured a Soil and Groundwater Contamination Health and Safety Plan (EHI, 2007) that prescribed operational procedures for site personnel to follow during activities that disturb soil or groundwater. Since the identified urban fill and VOC contaminants in soil and groundwater are being managed in place under the Soil and Groundwater Contamination Health and Safety Plan, the metals and SVOCs in soil and VOCs in groundwater are considered to be a REC in connection with the Property.

Waste Water

Sanitary sewage generated at the Subject Property is discharged via a connection to the local public sewer system.

Storm water runoff at the Subject Property is discharged via roof drains into the municipal sewer system.

No additional waste water discharges were identified at the Subject Property.

Septic Systems/Cesspools

No septic systems or cesspools were identified at the Subject Property.

Wells

No wells (including any dry wells, irrigation wells, injection wells, abandoned wells, or other wells) were identified at the Subject Property.

Railroad Spurs

No railroad spurs were identified on the Subject Property.

7.0 BUSINESS ENVIRONMENTAL RISKS

In accordance with the contract agreement for this assessment, Hillmann has performed cursory reviews of several potential Business Environmental Risks (also known as "Non-Scope Considerations"). The ASTM E1527-21 standard defines the term business environmental risk (BER) as, *"a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice."*

7.1 Asbestos-Containing Material (ACM)

The contracted scope of work included a cursory visual screening of the accessed portions of buildings at the Subject Property built prior to 1990 for suspect asbestos containing materials (ACM). The information provided in this section, where applicable, is limited to identification of potential suspect materials in the readily accessible and observed areas of the building, and their general condition. This is not intended to be a comprehensive survey for the presence of ACM, and no testing has been conducted.

Suspected ACM noted within the accessed building areas included floor tile and associated mastics, roofing materials, cover base and associated mastic, gypsum wallboard systems, suspended ceiling panels and thermal systems insulation.

Hillmann was provided with a copy of a prior asbestos survey report titled Asbestos Inspection Survey, Admiral Halsey Senior Housing Complex-135 Main Street, Poughkeepsie, NY; by Environmental Health Investigations, dated May 30, 2007. The survey was indicated to be non-intrusive. Fifty-six samples were collected for asbestos analysis. Identified ACM materials included roofing materials (assumed), floor tile and associated mastic, boiler flue insulation, rope-like boiler gasket and caulking/insulation.

7.2 Lead-Based Paint

The contracted scope of work included a cursory visual screening of the condition of painted surfaces in the accessed areas of residential buildings/units built prior to 1980. This is not intended to constitute a comprehensive survey for LBP or potential lead hazards, and no testing has been conducted.

Painted surfaces observed within the accessed areas of the residential building were noted to be in good condition.

Hillmann was provided with a copy of a prior lead paint screening report titled Lead Paint Screening; by Environmental Health Investigations, dated October 9, 2007. See below for the conclusions from the Lead Paint Screening report prepared by EHI:

> *"Based on the results of the screening, no tested paint surfaces were found to contain lead paint. However, many of the wall tiles in the bathrooms throughout the facility tested positive for lead. The wall tiles are not considered a lead painted surface but do contain levels of lead in them greater than or equal to 1.0 mg/cm2. Contractors performing any renovation or demolition activities that will impact*

the wall tiles creating dust and debris should consult the Operations and Maintenance Plan to determine work practices and proper personal protective equipment."

7.3 Radon

Data compiled by the USEPA, as summarized by the regulatory database report, indicated that the Subject Property is located in an area classified as Zone 1 or 'high risk' area for radon. Radon testing was not included in the scope of this assessment.

Hillmann was provided with a copy of a prior radon testing report titled Radon Testing; by Environmental Health Investigations, dated September 8, 2008. The main office, community room, and boiler room were the sample locations for the radon test. See below for the conclusions from the Lead Paint Screening report prepared by EHI:

"The US EPA has set an action level of 4.0 pico Curies per Liter (pCi/L) for a residence. The tests conducted at the Admiral Halsey are all well below the action level. The US EPA maintains a radon information website which includes copies of all publications, at www.epa.gov/iaq/radon."

7.4 Mold/Microbial Damage

The contracted scope of work included a cursory visual screening of the accessed areas of the building for evidence of significant damage to building materials and finishes as result of moisture intrusion and/or mold/microbial growth. Hillmann did not observe any evidence of significant problems with moisture intrusion or mold/microbial growth at the Property.

7.5 NWI Mapped Wetlands

The National Wetlands Inventory online Wetland Mapper (https://www.fws.gov/wetlands/data/mapper.html) was reviewed for indications of jurisdictional wetlands at or immediately adjoining the Subject Property. The scope of work for this assessment excluded a visual determination of regulated wetlands at the Subject Property. It is emphasized that, regardless of the data reviewed via the NWI Wetlands Mapper, a field delineation of regulated wetlands by a qualified professional would be warranted to determine the presence or absence of regulated wetlands at the Subject Property.

The review did not indicate regulated wetland areas on the Property.

7.6 Lead in Drinking Water

The scope of work for this assessment included a review of the potential for elevated levels of lead in drinking water by determining the source of the drinking water supply and a review of available compliance or testing data.

Potable water service at the Property is provided by a utility connection with the Poughkeepsie Townwide Water District. A recently published water quality report from the utility indicated compliance with USEPA water quality standards for lead in drinking water. A copy of the report has been attached in Appendix F.

8.0 REFERENCES

ASTM E1527-21-Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process; ASTM International, 2021

ASTM E12600-15-Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transaction, ASTM International, 2015

EDR Radius Map Report, and historical record reports discussed in Section 4, Environmental Data Resources

Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources; A. Buonicore, 2011

Phase I Environmental Site Assessment, 135 Main Street, Poughkeepsie, NY 12601; prepared by Hillmann Consulting, LLC and dated October 27, 2020

Phase I Environmental Site Assessment, 135 Main Street, Poughkeepsie, NY 12601; prepared by Hillmann Consulting, LLC and dated April 8, 2019.

Phase II Subsurface Investigation Report, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Consulting, LLC and dated April 8, 2019.

Tank Closure Site Assessment Report; Admiral Halsey Village, 135 Main St., Poughkeepsie, New York; prepared by Conrad GeoScience Corp; dated November 18, 1997.

Phase I Environmental Site Assessment – Update, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Consulting on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, August 28, 2007.

Limited Phase II Investigation, Admiral Halsey, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, May 2007.

Vapor Intrusion Investigation, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, July 13, 2007.

Soil & Groundwater Contamination Health & Safety Plan, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared for Admiral Halsey L.P by Environmental Health Investigations, Inc.; dated July 11, 2007.

Supplemental Investigation of Poughkeepsie Bayeaux Street Site; prepared by Central Hudson & Electric Corporation, July 2006.

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Appendix C	Questionnaires / User Provided Information
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Appendix F	Other Documents / Lab Results
Appendix G	Project Personnel Qualifications

APPENDIX A

MAPS / DIAGRAMS

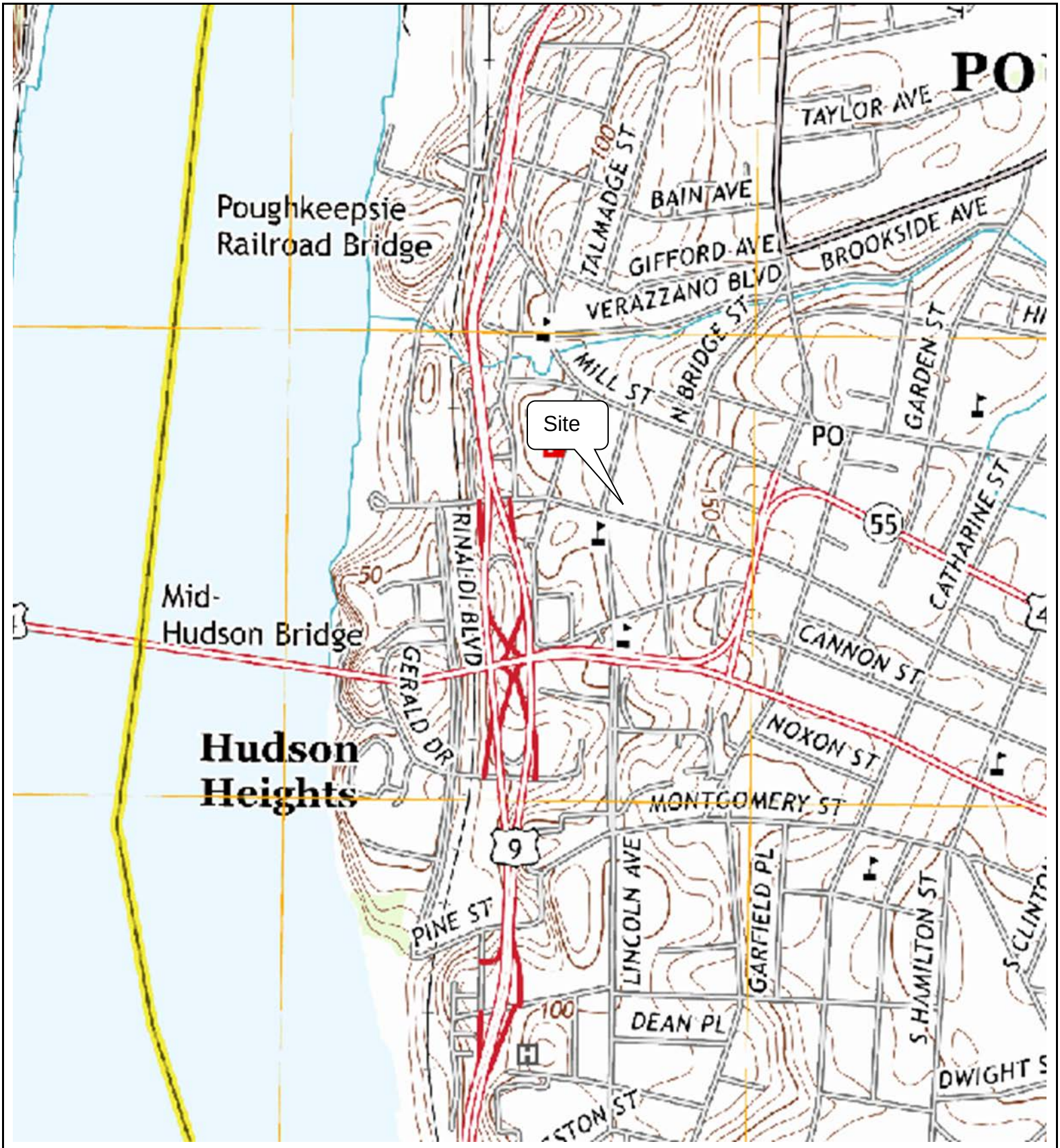

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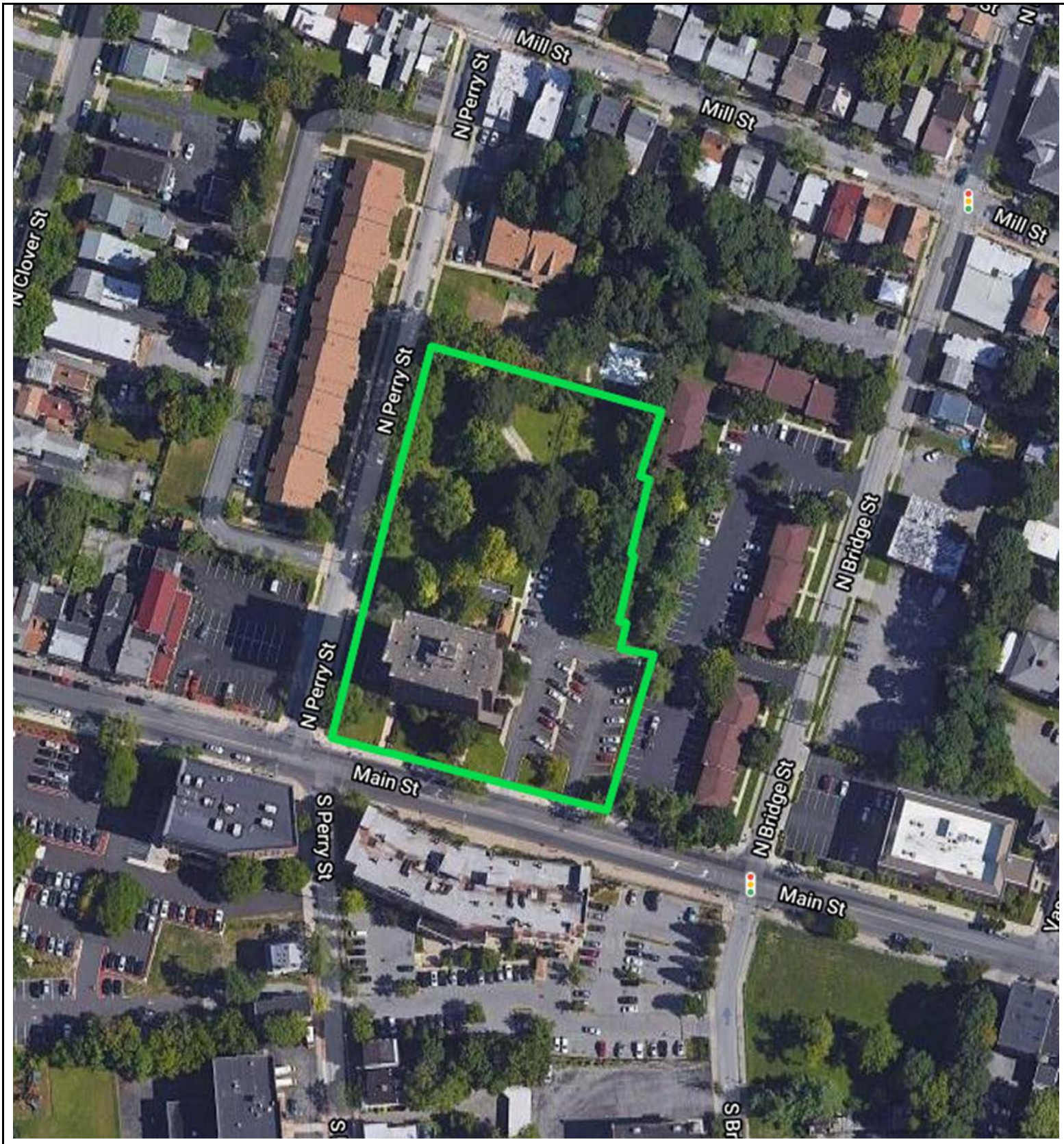
Figure 1: Site Vicinity Map

135 Main Street
Poughkeepsie, NY

N

SCALE: (NOT TO SCALE)

PROJECT No.: Z34899



HILLMANN CONSULTING

Figure 2: Site Diagram

135 Main Street
Poughkeepsie, NY

N

SCALE: (NOT TO SCALE)

PROJECT No.: Z34899

APPENDIX B

SITE PHOTOGRAPHS

PHOTO LOG
135 Main St
Poughkeepsie, NY

South Elevation of Property

North Elevation of Property

West Elevation of Property

Tank House on North Side of Property

East Elevation of property

Lawn Area on North Side of Property

Z34899

PHOTO LOG
135 Main St
Poughkeepsie, NY

Parking Lot on East Side of Property

Residential Adjacent to North

Retail Adjacent to West

Residential Adjacent to East

Rehab Adjacent to South

Vent Pipe on South Side of Tank House

Z34899

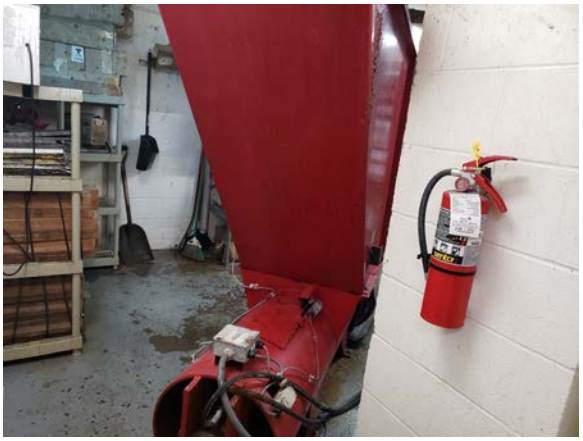
PHOTO LOG
135 Main St
Poughkeepsie, NY

Fuel Tank, Tank House Floor, and Fill Port

Community Room

Heating Oil Fired Boiler

Typical Hallway


Hydraulic Trash Compactor

Typical Unit

Z34899

APPENDIX C

QUESTIONNAIRES/USER PROVIDED DOCUMENTATION

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

135 Main Street
Poughkeepsie, New York 12601

Prepared For:

OMNI New York, LLC
909 Third Avenue – 21st Floor
New York, New York 10022

October 27, 2020

Hillmann Project Number Z34631

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October 27, 2020

Mr. Paul Shevchuk
OMNI New York, LLC
909 Third Avenue – 21st Floor
New York, New York 10022

RE: Phase I Environmental Site Assessment
135 Main Street
Poughkeepsie, New York 12601
Hillmann Project No: Z34631

Dear Mr. Shevchuk:

Hillmann Consulting LLC is pleased to provide the results of our Phase I Environmental Site Assessment of the above referenced property. This assessment was performed in general accordance with the scope and limitations of ASTM Practice E 1527-13, which is the latest version of the E1527 standard published by the ASTM.

We appreciate the opportunity to provide environmental due diligence services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact our office at 908-688-7800.

Sincerely,

Hillmann Consulting, LLC

Stephanie Lamb
Senior Project Manager

Chris Hirschmann
Environmental Services Director

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List of Abbreviations/Acronyms

Hillmann may use the following abbreviations and acronyms for common terminology described in our report. Not all abbreviations or acronyms may be applicable to this report:

ACM	– Asbestos Containing Material
AOC	– Area of Concern
AST	– Aboveground Storage Tank
ASTM	– American Society for Testing Materials
BER	– Business Environmental Risk
CEA	– Classification Exception Area
CERCLA	– Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	– Comprehensive Environmental Response Compensation and Liability Information System
CESQG	– Conditionally Exempt Small Quantity Generator
COC	– Chemicals of Concern
CORRACTS	– Corrective Action Sites
CREC	– Controlled Recognized Environmental Condition
DNPL	– Delisted National Priority List
DTSC	– Department of Toxic Substances Control
ENG	– Engineering
ERNS	– Emergency Response Notification System
FDEP	– Florida Department of Environmental Protection
FDNY	– Fire Department, City of New York
FDOT	– Florida Department of Transportation
FOI/FOIA/FOIL	– Freedom of Information / Freedom of Information Act / Freedom of Information Letter
HVAC	– Heating Ventilation & Air Conditioning
HREC	– Historic Recognized Environmental Condition
IAQ	– Indoor Air Quality
ISRA	– Industrial Site Recovery Act
LBP	– Lead-Based Paint
LQG	– Large Quantity Generator
LTANK	– Leaking Storage Tank
LUST	– Leaking Underground Storage Tank
MassDEP	– Massachusetts Department of Environmental Protection
SDS/MSDS	– Safety Data Sheet / Material Safety Data Sheet
NA	– Not Applicable
NCDOH	– Nassau County Department of Health
NFA	– No Further Action
NFRAP	– No Further Remedial Actions Planned
NJDEP	– New Jersey Department of Environmental Protection
NPDES	– National Pollutant Discharge Elimination System
NPL	– National Priority List
NYCDEP	– New York City Department of Environmental Protection
NYCDOB	– New York City Department of Buildings
NYCOER	– New York City Office of Environmental Remediation
NYSDEC	– New York State Department of Environmental Conservation
OPRA	– Open Public Records Act
PADEP	– Pennsylvania Department of Environmental Protection
PAH	– Polycyclic Aromatic Hydrocarbon
PCE	– Perchloroethylene
RAO	– Response Action Outcome
RCRA	– Resource Conservation and Recovery Act
RCRIS	– Resource Conservation and Recovery Information System
REC	– Recognized Environmental Condition
RWQCB	– Regional Water Quality Control Board
SCAQMD	– South Coast Air Quality Management District
SCDHS	– Suffolk County Department of Health Services
SDG	– Significant Data Gap
SEMS	– Superfund Enterprise Management System
SRP	– Site Remediation Program
SQG	– Small Quantity Generator
SVOC	– Semi-Volatile Organic Compound
TCE	– Trichloroethylene
TSDF	– Treatment Storage and/or Disposal Facility
USEPA	– United States Environmental Protection Agency
UST	– Underground Storage Tank
VEC	– Vapor Encroachment Condition
VOC	– Volatile Organic Compound

1.0 FINDINGS, OPINIONS, AND CONCLUSIONS

Hillmann Consulting, LLC (Hillmann) performed a Phase I Environmental Site Assessment (ESA) of 135 Main Street, Poughkeepsie, New York (the Property). The assessment has been conducted in accordance with our contracted scope of work and the ASTM Standard Practice E 1527-13 for Phase I Environmental Site Assessments and All Appropriate Inquiries (AAI) Final Rule 40 CFR Part 312. This section contains a summary of findings, opinions and conclusions made by this assessment. However, this section, alone, does not constitute the complete assessment. The report must be read in its entirety.

1.1 Summary of Project Details

Primary Street Address:		135 Main Street			
City:	Poughkeepsie	**County:**	Dutchess	**State:**	New York
Tax ID/Parcel Number:		Block 76, Lot 911			
Property Owner:		Admiral Halsey Apartments			
Zoning Designation:		R6 (Residential)			
Approx. Property Area:		2.20 acres			
Buildings/# of Floors		One building/13-story			
Approx. Building Area:		85,800 ft²			
Approx. Year Built:		1976			
Commercial Occupants:		None			
Current Use:		Residential (Senior)			
Prior Uses:		Commercial stores, Coal Manufactured Gas Plant			
Inspected By:		Ms. Stephanie Lamb			
Site Contact/Company:		Ms. Lori Ferguson/ Reliant Realty			
Site Escort/Company:		Mr. Chris Green/ Reliant Realty			
Inspection Date:		October 20, 2020			
Weather Conditions:		Overcast, 60 degrees F			

1.2 Findings Summary Table

Assessment Subject	No REC	REC	CREC	HREC	Rpt. Ref.
Property Regulatory Records Review:	X				4.3
Property Historical Records Review:	X				4.2
Bulk Petroleum Storage:	X				5.3
On-Site Operations:	X				5.3
On-Site Haz-Mat Storage/Use/Spills:	X				5.3
Transformers/Hydraulic Systems:	X				5.3
Waste Discharges:	X				5.3
Interviews:	X				6.0
Adjoining & Nearby Properties:	X				4.3 5.2
Prior Env. Reports/User Provided Info:		X			3.0
Data Gaps:	X				2.3

1.3 Findings, Opinions and Conclusions

1.3.1 Recognized Environmental Conditions

Hillmann has performed a Phase I Environmental Site Assessment in accordance with the scope and limitations of ASTM Practice E 1527-13 of the Property as described in Section 2 of this report. Any additions to, exceptions to, or deletions from this practice are also described in Section 2 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except for the following:

RECOGNIZED ENVIRONMENTAL CONDITIONS	
REC #1	Subsurface testing conducted at the Property in 2007 and 2019 identified metals and SVOCs in soils and groundwater at concentrations exceeding regulatory cleanup standards. The identified contaminants were attributed to historical urban fill. Groundwater results in one location indicated VOC and PAH compounds exceeding the NYSDEC regulatory cleanup standards. These compounds are indicative of possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring. Due to the findings of the subsurface testing, the Property voluntarily procured a Soil and Groundwater Contamination Health and Safety Plan (EHI, 2007) that prescribed operational procedures for site personnel to follow during activities that disturb soil or groundwater. Since the identified urban fill and VOC contaminants in soil and groundwater are being managed in place under the Soil and Groundwater Contamination Health and Safety Plan the metals and SVOCs in soil and VOCs in groundwater are considered to be a REC in connection with the Property.
HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS	
	No HRECs were identified
CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS	
	No CRECs were identified

SIGNIFICANT DATA GAPS	
	No SDGs were identified.

1.3.2 REC Response Action Recommendations

The following table presents recommended response actions to the identified RECs for further investigation and/or corrective action:

REC RESPONSE ACTION SUMMARY TABLE	
REC	**Response Action**
REC #1	Given the presence of metals, PAHs, and VOCs in soil and groundwater, and the current plans for new construction at the site, the site specific management plan for handling site soils and groundwater should be updated and followed during planned construction activities.

1.3.3 Notable Environmental Conditions / De Minimis Conditions

The following environmental conditions were identified, but are not considered to be a REC in connection with the Property:

NOTABLE ENVIRONMENTAL CONDITIONS / DE MINIMIS CONDITIONS	
1.	The central and northern portions of the property were occupied by portions of a manufactured gas plant, currently known as the CH – Bayeaux Street Poughkeepsie MGP, from approximately the mid-19th to early-20th century. As further described in Section 4.3.1, the former MGP site is listed on the database of New York State Superfund sites and has undergone previous subsurface investigations with NYSDEC oversight due to the potential for subsurface impacts from the historical gas manufacturing operations. According to the NYSDEC published information, following the completions of site investigation work in 1990 and 2006, no significant MGP waste material was found and a NFA status was granted by NYSDEC on March 12, 2007.
2.	A gasoline UST associated with a former dairy operation was depicted at the northeast portion of the Property by a 1952 fire insurance map. The entire property was redeveloped into the current senior housing complex in the mid-1970s. While disposition of the historical gasoline UST has not been determined, subsurface testing at the Property did not identify evidence of a petroleum release from the former gasoline UST.
3.	A 10,000-gallon above ground storage tank (AST) was observed in the rear of the building, central portion of the Property. The tank is enclosed with a brick structure and accessed via permanent step ladder fixed to the concrete enclosure. No evidence of leakage was observed at the time of the inspection.
4.	A 10,000-gallon #2 heating oil UST was closed in place in 1997. The UST closure was documented by a 1997 tank closure report by Conrad Geoscience, which concluded that all soil testing results were below NYSDEC standards.
5.	One 55-gallon drum of floor cleaner was observed in the maintenance storage room. No signs of leaking or staining were observed in the area of the drum.
6.	One hydraulic trash compactor was observed in the compactor room. No signs of leaking or staining were observed in the area of the compactor motor.

1.3.4 Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a *property* of the nature, history and setting of the subject *property*. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Stephanie Lamb
Environmental Professional

1.4 Business Environmental Risks / Non-ASTM Scope

Hillmann has performed a limited review of the following potential Business Environmental Risks (BER), also known as "Non-ASTM Scope concerns", in accordance with the contracted scope of work scope for this assessment. The following is a summary of findings for applicable BERs. For a more detailed discussion of the findings and contracted scope of work, please see the referenced report section.

BUSINESS ENVIRONMENTAL RISKS / NON-ASTM SCOPE			
Subject	**Findings**	**Not Appl.**	**Rpt. Ref.**
Asbestos	Based on the building age, asbestos may be present. Suspect ACM noted within the building included sheet rock wall materials in good condition, vinyl floor tiles and mastic in locally damaged condition, and glued on ceiling tiles in damaged condition. Although not observed, roofing materials are also assumed ACM.		7.1
Lead Paint	Painted surfaces observed within the accessed areas of the residential building were noted to be in good condition. Hillmann was provided with a copy of a prior lead paint screening report titled Lead Paint Screening; by Environmental Health Investigations, dated October 9, 2007. Based on the results of the screening, no tested paint surfaces were found to contain lead paint.		7.2
Radon	Property is located in the USEPA radon designation Zone 1 or 'high risk' area for radon. Hillmann was provided with a copy of a prior radon testing report titled Radon Testing; by Environmental Health Investigations, dated September 8, 2008. All sample results were below the EPA Action Level of 4.0 pCi/L.		7.3
Mold / Microbial Damage	Hillmann did not observe any evidence of significant problems with moisture intrusion or mold/microbial growth at the Property.		7.4
NWI Wetlands	No mapped wetland areas were depicted at the Property.		4.1
Lead in Drinking Water	Potable water service at the Property is provided by a utility connection with the New York City Water Supply System. A recently published water quality report from the utility indicated compliance with USEPA water quality standards for lead in drinking water.		7.6

2.0 INTRODUCTION

2.1 Purpose and Scope

This assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-13. The ASTM describes these methodologies as representing good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes all appropriate inquiries into the previous ownership and uses the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35) (B). The primary goal of the processes established by ASTM E1527-13 is to identify *recognized environmental conditions* in connection with the Property.

The term *recognized environmental condition (REC)* is defined by the ASTM as the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

The ASTM has also defined the terms *historical recognized environmental conditions* and *controlled recognized environmental conditions* as two additional types of RECs. The term *historical recognized environmental condition (HREC)* is defined as a past release of any hazardous substances or petroleum products that has occurred in connection with the Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls or engineering controls).

The term *controlled recognized environmental condition (CREC)* is defined as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

Conditions determined to be *"de minimis conditions"* are not considered to be RECs, HRECs or CRECs. *De minimis condition* is defined by the ASTM, "…as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

The chief components of this assessment are generally described as follows:

- A non-invasive visual reconnaissance of the Property and adjoining properties in accordance with ASTM guidelines for evidence of RECs.

- Interviews of past and present owners and occupants and state and local government officials, seeking information related to the potential presence of RECs at the Property.

- A review of standard physical record sources for available topographic, geologic and groundwater data.

- A review of standard historic record sources, such as fire insurance maps, city directories, aerial photographs, prior reports and interviews, etc., to determine prior uses of the Property from the present, back to the Property's first developed use, or back to 1940, whichever is earlier.

- A review of standard environmental record sources including federal and state environmental databases, and additional environmental record sources, to identify potential regulatory concerns with the Property, adjoining properties and properties located within the surrounding area.

An evaluation of environmental or other regulatory compliance matters is excluded from the scope of this assessment.

These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

2.1.1 Business Environmental Risks/Non-ASTM Scope Considerations

In accordance with our contract agreement, Hillmann may have addressed the following potential environmental subject matters that are outside of the requirements of the ASTM E1527-13 standard:

Asbestos-Containing Materials (ACM): A cursory non-intrusive visual screening for the presence of suspect ACM within the accessed areas of buildings built prior to 1990 on the Property. It is emphasized that this cursory non-intrusive visual screening does not constitute an asbestos survey/inspection of the premises. An asbestos survey/inspection should be sought by the report User(s) if more certainty is desired regarding ACM and potential asbestos hazards at the Property. Furthermore, a review of regulatory compliance matters pertaining to asbestos is excluded from the scope of work.

Lead-Based Paint (LBP): A cursory non-intrusive visual screening of the condition of painted surfaces in the accessed areas of residential buildings/units built prior to 1980 on the Property. It is emphasized that this cursory non-intrusive visual screening does not constitute a comprehensive survey for LBP or potential lead hazards. A comprehensive inspection should be sought by the report User(s) if more certainty is desired regarding LBP at the Property. Furthermore, a review of regulatory compliance matters pertaining to lead-based paint is excluded from the scope of work.

USEPA Designated Radon Potential: Review of general non-site specific data published by the USEPA regarding the Radon Zone classification for the area of the Property.

Mold/Microbial Damage: A cursory non-intrusive visual screening within the accessed areas of buildings on the Property for evidence of systemic microbial problems, including visible mold growth, water damaged building materials or musty odors. It is emphasized that this cursory non-

intrusive visual screening does not constitute a comprehensive survey for moisture/mold/microbial damage. A more comprehensive inspection should be sought by the report User(s) if more certainty is desired regarding the potential for moisture/mold/microbial damages at the Property.

NWI Wetlands: Review of US Fish and Wildlife Service National Wetland Inventory digitized data of mapped wetlands as presented in the attached EDR Radius Map plus Geocheck Report.

It is emphasized that, regardless of the wetlands data obtained via the EDR Geocheck-Physical Setting Source Addendum, a delineation of regulated wetlands by a qualified professional would be warranted to determine the presence or absence of regulated wetlands at the Property.

Lead in Drinking Water: Review of the potential for elevated levels of lead in the drinking water by determining the source of the drinking water supply and a review of available testing or compliance data reports.

2.2 Property Location/Legal Description

Property location and legal description details are described as follows:

Primary Street Address:	135 Main Street				
City:	Poughkeepsie	**County:**	Dutchess	**State:**	New York
Tax ID/Parcel Number:	Block 76, Lot 911				
Approx. Land Area:	2.20 acres				
Apprx. Latitude/Longitude:	North 41.7058760 degrees/West 73.9334410 degrees				
Additional Details (if appl.):	Historic Address Ranges of 5-27 N. Perry St (Bayeaux Street) and 127-149 Main Street				
Property Owner:	Admiral Halsey Apartments				
Zoning Designation:	R6 (Residential)				

2.3 Data Gaps

A *data gap* is defined by the ASTM as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap and the ability to determine the presence or absence of recognized environmental conditions. The following table summarizes data gaps encountered during the assessment as well as a discussion of their significance.

Data Gap:	Significant (Yes/No)?	Discussion
Historical records data failure	No	The date and/or type of the first developed use of the Property was not documented. Records gaps exceeding five years were encountered; however, no significant site use changes are suspected during these intervals.

Response to agency records requests not received as of date of report.	No	Any additional information indicative of a REC will be forwarded upon receipt.

2.4 User Reliance

This report is for the exclusive use of the User(s) named on the front cover. No other party(ies) shall have any right to rely on the content of this report without first obtaining the consent of the original report User; and without obtaining written consent from Hillmann in the form of a letter of reliance or report recertification.

2.5 Significant Assumptions

The following significant assumptions are made:

- The site operations at the time of the site visit are assumed to reflect typical site conditions relative to potential environmental conditions and that no concealment of environmental conditions or releases by site owners or occupants has occurred. Likewise, it is assumed that no areas of the Property with potential environmental concerns or RECs were concealed or otherwise not reported, intentionally or unknowingly, by the Property owners/occupants and/or site escort at the time of the site visit.

- For the purpose of estimating the approximate direction of groundwater flow in the absence of site specific groundwater data, unless indicated otherwise, an assumption has been made that the gradient of groundwater flow follows the surface topography of the Property and immediate surrounding area.

2.6 General Limitations and Exceptions

2.6.1 Limitations

The report turnaround time specified by the contract agreement for this assessment may present a limitation to the availability of pertinent regulatory agency records. Such limitations, if encountered, are further specified in Section 4.4.

Significant limitations related to the condition or accessibility of the Property at the time of the site reconnaissance, if encountered, are reported in Section 5.1.

2.6.2 Other Exceptions or Deletions

No other exceptions or deletions from the ASTM Standard E 1527-13 are reported.

2.6.3 Special Terms and Conditions

This Phase I Environmental Site Assessment has been prepared using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances, wastes and petroleum products at the Property. Findings within this report are based on information collected from observations made on the day of the site reconnaissance and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, site development, redevelopment, or other construction purposes. No representation or warranty is made that the past or current operations at the Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes.

Findings, conclusions and recommendations presented in this report are based on visual observations of the Property, interviews conducted, the records reviewed, information provided by the Client, and/or a review of readily available and supplied drawings and documents. Information obtained during the assessment, whether written, graphic or verbal, provided by the Property contact(s) or as shown on any documents reviewed or received from the Property contact, owner or agent, or government agency source; is assumed to be accurate except as specifically stated otherwise in this report. Independent verification of the accuracy or completeness of all information reviewed or received during the course of this assessment is not made and excluded from the scope of work for this assessment. No warranty or guarantee is made of the accuracy or completeness of information that was obtained from ostensibly knowledgeable individuals, regulatory agency representatives or other secondary sources.

Regardless of the findings stated in this report, Hillmann is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the assessment was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The regulatory research is designed to meet the requirements of ASTM Standard E 1527-13. Hillmann can neither warrant nor guarantee the accuracy or completeness of the information obtained from the regulatory database report provider during the course of this assessment.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment to identify aboveground and underground storage tanks and ancillary equipment. Reasonable efforts are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify surficial and subsurface features that may have been hidden from view due to parked automobiles

and other vehicles, snow cover, vegetative growth, pavement, construction or debris pile storage or incorrect information from sources.

No guarantee, explicit or implied, is made that the records pertaining to historical ownership or occupancy which were reviewed represent a comprehensive or precise delineation of past Property ownership or tenancy for legal purposes.

The ASTM E1527-13 standard states that recommendations are not required to be included in a Phase I ESA report; however, further that recommendations are an additional service that may be useful in the User's analysis of landowner liability protections or business environmental risks; and that the User should consider whether recommendations for additional inquiries or other services are desired.

The recommended response actions to the identified RECs presented in Section 1.3, if any, are not intended to represent the only course(s) of action to take; nor does it imply any opinion as to the timing of the action. Furthermore, it is emphasized that additional response actions may become warranted depending on the outcome of the initial action(s) taken. Hillmann advises that consultation with legal counsel familiar with environmental and real estate law may be beneficial to the decision making process for the type and timing of a response action to identified RECs, if any.

Due to the limited nature of our review of potential Business Environmental Risks, the User of the report should consider whether to take additional action(s) to further define, properly manage and/or mitigate potential BERs.

In the event of any conflict between the terms and conditions of this report and the terms and conditions of the consulting services agreement for this project, the consulting services agreement shall control.

3.0 USER PROVIDED INFORMATION

The term "User" is defined by ASTM as the party seeking to use Practice E1527 to complete an environmental site assessment of the Property; specifically, the entities named on the front cover to which the report has been addressed.

3.1 Prior Environmental Reports/Documentation

The following prior environmental reports/documentation was provided:

Phase I Environmental Site Assessment, 135 Main Street, Poughkeepsie, NY 12601; prepared by Hillmann Consulting, LLC and dated April 8, 2019. The report stated the following:

> *"Subsurface testing conducted at the Property in 2007 and 2019 identified metals and SVOCs in soils and groundwater at concentrations exceeding regulatory cleanup standards. The identified contaminants were attributed to historical urban fill. Groundwater results in one location indicated VOC and PAH exceeding the regulatory cleanup standards. These compounds are indicative of a possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring. Due to the findings of the subsurface testing, the Property voluntarily procured a Soil and Groundwater Contamination Health and Safety Plan (EHI, 2007) that prescribed operational procedures for site personnel to follow during activities that disturb soil or groundwater. Since the identified urban fill and VOC contaminants in soil and groundwater are being managed in place under the Soil and Groundwater Contamination Health and Safety Plan, the metals, SVOCs, in soil and VOCs in groundwater are considered to be a REC in connection with the Property."*

Phase II Subsurface Investigation Report, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Consulting, LLC and dated April 8, 2019. The report stated the following:

> *"Laboratory results indicated various exceedances of the Unrestricted Use Soil Cleanup Level but not the Restricted-Residential Soil Cleanup Level. The various detections are suspected as attributed to the historic fill material located on the Property. Arsenic that was the only compound in soil detected above the RRUSCO in several soil samples. The Arsenic detections are suspected as attributed to historic property use as a manufactured gas plant or historic fill material.*
>
> *During site redevelopment activities, all soil slated for removal off-site should be disposed of in accordance with federal, state and local regulations.*
>
> *The metals exceedances detected in groundwater are suspected as attributed to turbidity/particulates suspended in groundwater associated with temporary well point installation and not dissolved groundwater contamination. Several of the detected metals including Sodium, Selenium, Magnesium, Beryllium, Silver, and Nickel, are typically naturally occurring/background conditions.*
>
> *Groundwater results from sample TWP-1 indicated VOC and PAH compounds in exceedance of the GQS. These compounds are indicative of possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring.*
>
> *During site redevelopment activities, groundwater dewatering, if needed, should be performed in accordance with all federal, state and local regulations."*

Tank Closure Site Assessment Report; Admiral Halsey Village, 135 Main St., Poughkeepsie, New York; prepared by Conrad GeoScience Corp; dated November 18, 1997. The report documented

tank closure activities for a former 10,000-gallon heating oil UST located in the courtyard behind the apartment building. Initially planned for closure by removal, the report stated that the tank was abandoned in place on October 17, 1997 due to the proximity of a natural gas utility pipe and difficulties removing an UST anchor point. Three soil samples were collected from the bottom of the tank excavation and submitted for VOC and SVOC analysis. No VOCs were detected in any of the samples collected. Seven SVOCs were detected at concentrations well below NYSDEC standards. The report concluded:

> *"Considering the integrity of the UST upon cleaning and attempted excavation, along with the lack of petroleum contaminated soils, there is no evidence of prior leakage or spillage from this tank. In addition, SVOCs detected are well below NYSDEC standards and, therefore, no remedial activity is required. The SVOCs present may represent residual coal tar. No information pertaining to groundwater quality, and the presence of these compounds in groundwater is available at this time."*

Phase I Environmental Site Assessment – Update, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Consulting on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, August 28, 2007. The report concluded the following with regard to recognized environmental conditions (RECs) in connection with the Property:

> *"This update assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Property, except for the following:*
>
> *• A Limited Phase II Investigation report was prepared by Hillmann in March 2007 to evaluate two recognized environmental condition that were identified by Hillmann's prior Phase I ESA report. The RECs included a potential impact to the environment from a former coal gasification plant; and a historic underground storage tank (UST) that was identified by review of Sanborn Fire Insurance Maps of the Property. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection and analysis of soil and groundwater samples. The results of the investigation identified the presence of residual contamination which could be attributed to the past manufactured gas plant usage. The Limited Phase II Investigation identified elevated levels of metals and PAHs in soils throughout the property. Hillmann understands that Omni has obtained a "Property Use and Work Plan" to protect against possible contamination exposure. This document provides insight on which procedures to follow during excavation activities. In addition, this document is site specific and will only pertain to the subject property. Hillmann has contacted the NYSDEC directly, and was informed that there is no requirement to report a spill to the NYSDEC. Therefore Hillmann does not recommend reporting the results to the NYSDEC. Hillmann notes that a Soil and Groundwater Contamination Health and Safety Plan was developed for the Property on behalf of Admiral Halsey LP, dated July 11, 2007."*

The August 28, 2007 Hillman Phase I ESA report also included a summary of a NYSDEC file review of the former Bayeaux Street Coal Gasification Plant. Documentation consisted of a series of reports concerning historic coal gasification plants located the City of Poughkeepsie. Much of the documentation pertained to a different historic coal gas plant located several blocks to the west of the Property along the Hudson River Waterfront. A Phase I investigation report of the Bayeaux Street Coal Gas Plant site was also included, as summarized below by the 2007 Phase I ESA:

> *Phase I Investigation Poughkeepsie (Bayeaux Street) Coal Gasification Plant Site, City of Poughkeepsie, Dutchess County, New York; prepared by EA Science and Technology of Middletown, New York; on behalf of Central Hudson Gas & electric Corporation, January 1987:*

The report indicated that a historic coal gas plant that formerly occupied the Property operated from approximately 1850 to 1911, at which time it was replaced by a Water Street plant located several blocks to the west. The report concluded the following:

"The available data are considered insufficient to prepare a final HRS (Hazard Ranking System) score for this site. There is no documentation of hazardous waste or contamination at the former Poughkeepsie Bayeaux Street Coal Gas Plant site. Groundwater soil quality data lacking."

"In order to prepare a final HRS score for this site, analytical data regarding the quality of the ground-water and soil, and characteristics of waste (if present), will be necessary, thus requiring performance of a Phase II investigation. The proposed Phase II study would include the performance of a soil vapor survey, the installation of 4 observation wells and the collection and analysis of ground-water and soil samples."

Limited Phase II Investigation, Admiral Halsey, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, May 2007.

The purpose of the Limited Phase II Investigation was to evaluate two RECs that were identified by a 2007 Phase I ESA report. The RECs included a potential impact to the environment from a former coal gasification plant; and a historic underground storage tank (UST) that was identified by review of Sanborn Fire Insurance Maps of the Property. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection and analysis of soil samples. These samples were collected from boring locations in the asphalt parking lot, around the old UST and in the area of the historic coal gasification plant. A total of fourteen (14) soil and three (3) groundwater samples were collected and analyzed for parameters including volatile organic compounds (VOC), base neutrals and acid extractable (BNA), and Priority Pollutant List Metals.

The following is a summary of the conclusions of the Limited Phase II Investigation:

"Hillmann has completed a Limited Phase II Investigation at 135 Main Street to assess the impact of former coal gasification plant and UST located on site. The completed scope of work included a GPR survey, the advancement of subsurface borings utilizing a Geoprobe and hand auguring. The following has been concluded from this investigation.

1. *The results of the investigation have identified the presence of contamination which could be attributed to past site usage. The environmental concerns identified through laboratory and field observations are the presence of metals and Polynuclear Aromatic Hydrocarbons (PAHs) present in the soil and groundwater.*
2. *It appears that the contamination identified is the result of former coal gasification processes conducted on site.*
3. *Elevated levels of metals and PAHs are wide spread throughout the property. Minimal risk of exposure is expected in the areas of the parking lot and/or lawn area. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.*
4. *Due to the wide spread presence of elevated metals and PAHs around the property, Hillmann has determined that the contamination encountered is not from the UST, but as a result of the historic coal gasification plant. It is determined that the UST did not impact the surrounding environment.*
5. *Omni has decided to develop a raised garden bed system. This decision will protect the current residence using the garden area. A brief description of the garden area is described in the below section.*

6. *Additionally, Omni is in the process of obtaining a "Property Use and Work Plan" to protect against possible contamination exposure. This document will provide insight on which procedures to follow during excavation activities. This document will be site specific and will only pertain to the subject property. A copy of the work plan will be located at the facility."*

Vapor Intrusion Investigation, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, July 13, 2007.

The scope of work consisted of one round of sampling for VOCs by TO-15 Method. Samples were collected from the Sub-Basement, Maintenance Room, Community Room, on the 1st Floor Adjacent the Elevator, and on the 6th Floor Adjacent the Elevator. Also, one outdoor reference sample was collected. The conclusions and recommendations stated the following:

4.1 Conclusions
Based on Hillmann's review, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. Based on the data that we have at this time, Hillmann has found no evidence that an increase health risk exists from the previous Manufactured Gas Plant (MGP). Although the NYSDOH or Hillmann recognize the upper range of the comparative data as a valid reference, it should be noted that very few samples would exceed this level present in some non-impacted homes. Furthermore, it should be noted that samples were collected from areas susceptible to organic vapors from maintenance products and processes.

4.2 Recommendations
Based on Hillmann's review of indoor sample results, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. In order to conduct a comprehensive vapor intrusion assessment NYSDOH Guidelines recommend that sub-slab soil vapor samples be collected. Sub-slab samples are an important component used to compare with indoor and outdoor samples in order to evaluate current and potential human exposures (e.g. if the building's structural integrity or use changes) and determine the site-specific attenuation factors, which compares the ratio of indoor air to sub-slab vapor concentrations. Furthermore, it may be prudent for follow-up sampling to be conducted on a periodic basis (such as annual or bi-annual) to ensure these conditions do not change over time. If significant changes occur at the building (increase or decrease HVAC, digging, vibration, etc) the potential for vapor intrusion may increase."

Soil & Groundwater Contamination Health & Safety Plan, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared for Admiral Halsey L.P by Environmental Health Investigations, Inc.; dated July 11, 2007. The report established policy for managing potential exposures to chemicals which exist in low concentrations within the soil and ground water associated with the Admiral William F. Halsey Senior Village property located at 135 Main Street in Poughkeepsie, New York.

Supplemental Investigation of Poughkeepsie Bayeaux Street Site; prepared by Central Hudson & Electric Corporation, July 2006. This report detailed a supplemental investigation conducted following results finding from an August 1990 investigation and well installation. The 2006 investigation consisted of the installation of five soil borings in and around the former MGP structure at the site. Soil and monitoring well borings from 1990 consisted of fill material at various depths ranging from ground surface to approximately 8 feet below ground surface in most areas investigated. The four monitoring wells were installed at the Property to assess water quality in 1990. Based on the results from a 1990 Phase II investigation and 2006 supplemental investigation,

conclusions, Central Hudson requested that the NYSDEC delist the former Bayeaux Street site from the Inactive Hazardous Waste Disposal Site Program Registry and abandon all monitoring wells.

3.2 User Questionnaire

Section 6 of the ASTM E1527-13 standard describes certain tasks required to be performed by the report User in order to qualify for landowner liability protections to CERCLA liability. To assist the report User to meet these requirements, the ASTM E1527-13 standard recommends a questionnaire of inquiries (User Questionnaire) specified in 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31 be provided to the original report User. Hillmann has been informed by the User that, as a prospective lender, they have declined to complete the User Questionnaire.

Question:	Yes/No:	Detail:
Environmental liens that are filed or recorded against the property: Did a search of recorded land title records identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	NR	
Activity and use limitations that are in place on the property or that have been filed or recorded against the property: Did a search of recorded land title records (or judicial records where appropriate, identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	NR	
Specialized knowledge or experience of the person seeking to qualify for the LLP: Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	NR	
Relationship of the purchase price to the fair market value of the property if it were not contaminated: Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	NR	
Commonly Known or Reasonably Ascertainable Information: Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,		
-Do you know the past uses of the property?	NR	
-Do you know of specific chemicals that are present or were once present at the property?	NR	

Question:	Yes/No:	Detail:
-Do you know of spills or other chemical releases that have taken place at the property?	NR	
-Do you know of any environmental cleanups that have taken place at the property?	NR	
The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation: Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	NR	
Litigation/Administrative Proceedings/Government Notices As the User of this ESA, do you have knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.	NR	

NR-no response

3.3 Reason for Performing Phase I ESA

The User did not indicate the purpose of the assessment. In accordance with ASTM E1527-13, it is assumed that the Phase I ESA was being performed in order to qualify for landowner liability protection to CERCLA liability.

4.0 RECORDS REVIEW

4.1 Physical Setting Sources

The following physical setting sources were reviewed:

Source	Discussion
USGS 7.5 minute Topographic Map Data: (EDR Geocheck-Physical Setting Source Addendum)	The Property lies at an elevation of approximately 112 feet above mean sea level. An interpretation of topographic contour lines as well as a review of the EDR Geocheck-General Topographic Gradient suggested terrain sloping downward towards the west. The closest down gradient water body is the Hudson River, located approximately 1,900 feet to the West.
USDA SCS Soil Data: (EDR Geocheck-Physical Setting Source Addendum)	The soil type at the Property is classified as "Udorthents". This soil type is described as a gravelly loam surface texture and is well drained with an intermediate water holding capacity
Geologic Data: (EDR Geocheck-Physical Setting Source Addendum)	The geologic formation in the vicinity of the Property is described as a stratified sequence of the Paleozoic Era, Ordovician System, and Middle Ordovician Series.
Prior Env. Reports: (Section 3.1)	No additional relevant site specific geologic data was noted from a review of the prior environmental reports listed in Section 3.1.
Additional Sources/ Data:	No additional physical setting sources or data was obtained.
Groundwater Flow Discussion:	Based on a review of the above information as well as observation of the site, the direction of shallow groundwater flow at the site is inferred to be towards the west.
NWI Wetlands Data: (EDR Geocheck-Physical Setting Source Addendum)	No NWI mapped wetlands areas were depicted at the Property.

4.2 Historical Use – Property and Adjoining Properties

Research has been conducted in an attempt to develop a history of the previous uses of the property and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the property. Standard historical sources have been sought in an attempt to document the past uses of the Property as far back as it can be shown that the Property contained structures; or from the time the Property was first used for residential, agricultural, commercial, industrial or governmental purposes.

4.2.1 Fire Insurance Maps

A Certified Sanborn Map Report was obtained from EDR for a review of published historic fire insurance maps for the Property and surrounding area. The following is a summary of site uses and notable details depicted by the available maps:

Year(s)	Description	
1887	**Property**	The Property is developed along Main Street in the southern portion and southwest along Bayeaux Street with various commercial stores and businesses. The central of the property is developed with pottery maker including a coal shed. The northern portion of the property is a developed with portions of the Poughkeepsie Gas Light company, a manufactured gas plant. An iron gas holder is depicted at the northeast corner of the site.

Year(s)	Description	
	Adjoining Properties	The adjoining properties are depicted with a school house to the north; developed residential dwellings and vacant building to the west; developed commercial businesses to the south including drugstore, grocery, butcher, carpeting and wall paper shop, and laundry facility; developed commercial businesses to the southeast, and portions of the Poughkeepsie Gas Light Company to the northeast.
1895	**Property**	The Property is depicted as developed with commercials business to the south along Main Street and southwestern portion along Bayeaux Street, in the central portion with a factory for stone, earthenware and piping; and the buried foundation of manufactured gas tank on the northern portion.
	Adjoining Properties	No significant changes.
1913	**Property**	The Property is depicted as developed in the southern portion along Main Street and southwestern portion along Bayeaux Street with commercial business. Central portion of the property along Bayeaux Street depicts a gas and electric store. The Poughkeepsie Gas Light Company is no longer depicted.
	Adjoining Properties	The adjoining property to the north of the site is depicted as a tenement. A gasometer labeled as "Not Used) is depicted in the northwest. No other significant changes.
1950	**Property**	Bayeaux Street is now named North Perry Street. The Property is depicted as developed in the southern portion along Main Street and southwestern portion along North Perry Street with commercial business. Central portion of the property along North Perry Street depicts a poultry market and vacant building. The northern portion of the property depicts a private garage for automobiles and "J. Schrauths Sons Inc." is labeled across the north portion.
	Adjoining Properties	The adjoining property to the north of the site is depicted as vacant and boarded up. A scrap metal yard is depicted adjoining to the northwest. No other significant changes.
1952	**Property**	The garage structure at the northern portion of the Property is now labeled as an ice cream distribution warehouse instead of a private garage. A buried gasoline tank is depicted adjacent to the southeast corner of the garage. No other significant changes.
	Adjoining Properties	No other significant changes.
1990	**Property**	The Property is depicted with the Admiral William F Halsey Senior village for housing at the southern end and the remaining portion of the site with no improvements.
	Adjoining Properties	The adjoining properties are depicted as developed with a parking lot to the southwest with commercial businesses and apartments, northwest and east adjoining depicts multifamily residential dwellings. The north adjoining property is depicted as a playground. The southern adjoining properties are depicted as vacant lots.

A copy of the Certified Sanborn Map Report is attached in Appendix D.

4.2.2 City Directories

An EDR City Directory Abstract report was reviewed for data of former occupants of the Property's street address. The following is a generalized summary of the findings of city directory research for past occupants of the Property.

Property	
Occupant(s)	**Appr. Date Range**
Residential and Commercial Listings (127-149 Main Street)	1942 - 1970
Self Service Laundry (145 Main Street)	1963
Disabled American Veterans	2000

Property	
Occupant(s)	**Appr. Date Range**
Residential occupants of Admiral Williams F Halsey Senior Village (135 Main Street)	1980-1992, 2005-2014

The EDR City Directory Abstract report was also reviewed for listings of historic occupants of the adjoining properties. The following is a general summary of listings of historic adjoining property occupants:

Adjoining Properties		
Address(es)	**Historic Occupant(s)**	**Appr. Date Range**
130-150 Main Street	Various Residential and commercial listings including a motor vehicle bureau, funeral home, plumbing supply store	1942 – 1975
138-140 Main Street	Commercial listings including Irene Development Corp and River Valley Realty Corp, Peter J Liepmann MD LLC, & River Valley Care Center Inc	2000-2014
98-128 Main Street	Residential and Commercial listings including shoe repair, electronic store, restaurant, motor cycle repair shop, fruit market, linen supply company	1942 – 1980
110-116 Main Street	Various commercial listings including Ackerman Quinn Financial Services, Poughkeepsie Chamber of Commerce, Alternative Environmental Services, Marshall & Sterling Inc., etc.	1992-2014
113-125 Main Street	Residential and Commercial listings including a tavern, janitor supply	1942-1975
113-115 Main Street	Residential and Commercial listing including Milanese Restaurant	1975-2014
157 - 161 Main Street	Residential Listing	2010- 2014
12-42 North Perry Street	Residential listings	1942-2000

A copy of the EDR City Directory report is attached in Appendix D.

4.2.3 Historical Topographic Maps

Due to the availability of alternate historic sources, as well as the likelihood that this source would not provide any significant data, historical topographic maps were not researched for this assessment.

Year(s)	Summary	
	Property:	(not reviewed)
	Adjoining:	

4.2.4 Historical Aerial Photographs

Due to the availability of alternate historic sources, as well as the likelihood that this source would not provide any significant data, historical aerial photographs were not researched for this assessment.

Year(s)	Summary of Interpretation	
	Property:	(not reviewed)
	Adjoining:	

4.2.5 EDR High-Risk Historical Records

The EDR Radius Map™ report, which is discussed in greater detail in Section 4.3, provided a search of proprietary databases of potential historical high-risk uses at or in the vicinity of the Property. These databases include EDR Historic Cleaners – a database of property addresses with records of historical occupancy by suspected cleaners businesses; EDR Historic Auto – a database of property addresses with records of historical occupancy by potential automotive gas/filling stations and repair facilities; and EDR MGP- a database of sites historically occupied by manufactured gas plants and related facilities.

EDR Database	On-site Listings:	Adjoining/Off-Site Listings
Historic Cleaners: (on-site/adjoining only)	None	None
Historic Auto: (on-site/adjoining only)	None	None
MGP: (1-mile distance)	The Property is listed as a former MGP from as early as 1887 through approximately 1911.	Two additional MGP listings are identified within 1-mile search distance. One MGP site is located approximately 2,041 feet to the south-southwest of the Property. The second MGP site is located approximately 2,243 feet to the northwest of the Property.

4.2.6 Petroleum/Natural Gas Well Review

The historical record sources were reviewed for records of historic petroleum and/or natural gas wells at the Property. No record of any historical petroleum/natural gas wells at or adjoining the Property was identified.

4.2.7 Additional Historical Data

Where applicable, the following additional pertinent historical data was obtained:

Interviews/Anecdotal:	No additional pertinent historical data was obtained.
Local Gov't Records:	No additional pertinent historical data was obtained.
Prior Env. Reports: (Section 3.1)	Prior environmental reports reviewed as part of this assessment, as detailed in Section 3.1, did not provide additional pertinent detail of historical site usage.
Site Observations:	Indications of historic uses of the Property or adjoining properties were not observed during the site reconnaissance.
Other Sources:	No additional pertinent historical data was obtained.

4.2.8 Summary of Identified Historic Uses

The following table presents a summary of the types and approximate date ranges of identified prior uses of the Property:

Property	
Date Range	**Use**
1887 to 1913	Various commercial stores observed to the south of the property along Main street; Central portions of the property observed various commercial business; Northern portion of the property is observed with a manufactured gas plant.
1913 to 1952	Various commercial properties are observed in the south along Main Street. Central portions of the property is developed with commercial businesses, portions of a dairy and a vacant building; North portion of the property is developed with a private garage for automobiles.
Circa 1975 to Present	Senior Citizen Apartment Complex

The following table presents a summary of the types of identified prior uses of the adjoining properties:

Adjoining Properties	
Date Range	**Use**
1887 to present	Residential, commercial, and storage

4.2.9 Historical Records Data Failure

The ASTM E1527-13 standard defines data failure as a failure to achieve the ASTM specified historical research objectives after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. The objective is to identify all obvious uses of the property from the present, back to the property's first developed use, or back to 1940, whichever is earlier. Furthermore, records of historic use/conditions should be sought in intervals no less than approximately five years, unless the property conditions appear unchanged over a longer interval.

Objective	Met?	Detail	Significant?
First developed use/date determined?	No	The earliest documented use of the Property was a mix of commercial stores/businesses and a manufactured gas plant in 1887.	No

Objective	Met?	Detail	Significant?
Record sources at 5-year intervals back to 1940 or first developed use?	No	Historical record gaps exceeding five years were encountered. However, significant site-use changes or undiscovered site uses appear unlikely to have occurred during the record gaps.	No
All obvious prior uses identified?	Yes	See Section 4.2.8.	No

Please refer to Section 2.3 for additional discussion of data gaps and their significance to the findings of the assessment.

4.2.10 Historic Uses REC Discussion

The review of historical records did not indicate evidence of a REC in connection with the Property.

The central and north portions of the property were occupied by portions of a manufactured gas plant, currently known as the CH – Bayeaux Street Poughkeepsie MGP, from approximately the mid-19th to early-20th century. As further described in Section 4.3.1, the former MGP site is listed on the database of New York State Superfund sites and has undergone previous subsurface investigations with NYSDEC oversight due to the potential for subsurface impacts from the historical gas manufacturing operations. According to the NYSDEC published information, following the completions of site investigation work in 1990 and 2006, no significant MGP waste material was found and a NFA status was granted by NYSDEC on March 12, 2007.

The northern half of the Property was occupied by portions of a dairy in the mid-20th century, which included a garage structure and adjoining buried gasoline storage tank depicted by a 1952 historical fire insurance map. The site was redeveloped into the current configuration in the 1970s. Subsurface testing at the Property has not identified by evidence of a petroleum release in the vicinity of the historical UST; however, the disposition of the historical gasoline tank was not determined.

4.3 Standard Environmental Record Sources

A regulatory database report, titled EDR Radius Map™ Report, prepared by Environmental Data Resources of Shelton, CT was obtained and reviewed. The report provided a search of standard environmental record sources for listings of the Property, adjoining properties and sites within the surrounding area; and has been reviewed for the purpose of identifying listings suggesting a potential impact to the Property due to presence or migration of hazardous substances and/or petroleum products. Additional descriptions of the meaning and significance of the regulatory databases can be found in the regulatory database report in Appendix E. The EDR Radius Map™ Report provided a search of the following database categories in accordance with the requirements of the ASTM Standard E1527-13:

Regulatory Database	Search Distance
Fed. National Priorities List (NPL/a.k.a. "Superfund" sites) & Proposed NPL	1-mile
Fed. Delisted NPL	½-mile
Fed. Superfund Enterprise Management System (SEMS; formerly CERCLIS)	½-mile
Fed. SEMS-ARCHIVE (formerly known as CERCLIS NFRAP)	½-mile
Fed. RCRA Corrective Action Sites (CORRACTS)	1-mile
Fed. RCRA Transport/Storage/Disposal (TSD) sites	½-mile
Fed. RCRA Generators (LQG, SGQ & CESQG)	Site & Adjoining
Fed. Institutional Control/Engineering Control (IC/EC) Registries	Site only
Fed. Emergency Response Notification System (ERNS)	Site only
State/Tribal Hazardous Waste Sites (SHWS)	1-mile
State/Tribal Landfill and/or Solid Waste Disposal (LF/SWF)	½-mile
State/Tribal Leaking Storage Tanks	½-mile
State/Tribal Registered Storage Tanks	Site & Adjoining
State/Tribal IC/EC Registries	Site
State/Tribal Voluntary Cleanup Sites	½-mile
State/Tribal Brownfields	½-mile
Additional Federal, State, Tribal and Local Environmental Databases	Variable

Reported distances for adjoining listings discussed in Section 4.3.4, if applicable, are approximate and indicative of the presence of a public roadway or right-of-way between the adjoining site and Property.

The reported gradients indicated where applicable in Sections 4.3.4 and 4.3.5 have been estimated based on a number of factors including but not necessarily limited to field observation, review of topographic maps, database listing details and/or site specific geo-technical data.

4.3.1 Supplemental Database Listings

The regulatory database report was also reviewed for listings on supplemental databases, in addition to the Standard Environmental Record Sources. Any property or adjoining property listings on such databases of significant concern, if identified, is discussed in Sections 4.3.3 and 4.3.4. Otherwise, none of the other supplemental database listings identified by the regulatory database report are considered to be a REC in connection with the Property.

4.3.2 Limited Tier I Vapor Encroachment Screening

Limited analysis of the details of on-site, adjoining and vicinity database sites was conducted to identify potential sources of sub-surface vapor encroachment. This review was based on elements of the ASTM "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" (ASTM E 2600-15); and also on elements of "Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources" (Buonicore, 2011-S-103-AWMA). Vicinity database sites pertaining to non-petroleum product releases within 1,760 feet of the Property in the up-gradient direction, 365 feet of the Property in the cross gradient direction and 100 feet of the Property in the down gradient direction; and vicinity database sites pertaining to petroleum product releases within 528 feet of the Property in the up-gradient direction, 165 feet of the Property in the cross gradient direction and 100 feet of the Property in the down gradient direction were reviewed to identify active contamination sites with the potential to affect subsurface vapor conditions at the subject property. The potential for vapor encroachment was considered in assessing whether or not a REC exists in connection with the Property when reviewing applicable sites within those distances.

Regulatory database sites with active petroleum or non-petroleum releases that are considered to constitute a vapor encroachment condition (VEC) to the Property, if any, are identified and discussed in Sections 4.3.3, 4.3.4 and 4.3.5.

4.3.3 Property Listings

The following listings of the Property were identified:

Name/Address:	Admiral William F. Halsey Senior Village, 135 Main Street
Database(s):	AST, UST
Data Discussion:	According to the database, a 10,000-gallon #2 heating oil UST was installed in 1976 and with the status "closed – removed" in 1997. The AST listing indicated a 10,000-gallon #2 heating oil tank installed in 2008 with the status "In Service". No indication of reported spills were noted for either tank.
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.
VEC Discussion:	Based on the available data, a VEC is not suspected.

Name/Address:	CH - Bayeaux Street Poughkeepsie MGP, Main Street and North Perry Street
Database(s):	SHWS/NY HSWDS
Data Discussion:	The HSWDS listing reflected information dated 2003 that the former Bayeaux Street MGP was listed as a potential hazardous waste disposal site. Although not listed by EDR on the SHWS database, a search of the NYSDEC Environmental Site Remediation database listed the former Bayeaux Street MGP (#314071) in the state superfund program with "C" (completed) classification. Further, the database details state "*Site was given a class of R. Decision was made on 3/12/07 to classify as N. Reclassified to C. This was the site of a small MGP on Main Street and North Perry Street in Poughkeepsie. A senior citizens housing development occupies the site today. The site is included in a multi-site Consent Order #D3-0134-89-05 1/12/90. A Site Assessment (PSA) was performed in 1990. No significant MGP waste material was found, and an NFA letter was sent on 03/12/07. As DER's experience with MGP sites grew, a few data gaps were identified in the original PSA. Central Hudson completed additional investigation work in 2006 to more completely cover the full footprint of the site with borings and test pits. The additional work confirmed the original conclusion that no significant MGP waste was present at the site. A letter stating this conclusion was issued on 03/12/07.*"
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.
VEC Discussion:	Based on the available data, a VEC is not suspected.

4.3.4 Adjoining Property Listings

The following adjoining property listings were identified. Reported distances, where applicable, are approximate and indicative of the presence of a public roadway or right-of-way between the adjoining site and Property. The reported gradient has been estimated based on a number of factors including but not necessarily limited to field observation, review of topographic maps, database listing details and/or site specific geo-technical data.

Name/Address:	Salvation Army – 150 Main Street				
Database(s):	NY SPILLS				
Distance in feet:	86	**Direction:**	SSE	**Gradient:**	Up
Data Discussion:	According to the database, case number 1809200 was opened on December 1, 2018 when one gallon of fuel oil spilled onto the sidewalk due to a tank overfill. Corrective action was taken and the spill was closed on December 3, 2018				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

Name/Address:	NYSDOT Project, 133 Main Street, Spill number 9604735				
Database(s):	NY SPILLS				
Distance in feet:		**Direction:**		**Gradient:**	
Data Discussion:	Although mistakenly listed as adjoining by EDR, the listing is actually for a site located in Carroll (Chautauqua County) , New York				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

Name/Address:	River Care Nursing Home, 138-144 Main Street, Spill number 9714354				
Database(s):	UST, NY SPILLS				
Distance in feet:	1	**Direction:**	S	**Gradient:**	Cross
Data Discussion:	The UST listing indicated a 1500-gallon #2 fuel oil UST was installed in 1998 and has been closed by removal. According to the NY Spills listing, contamination was discovered during the removal of a 275 gallon AST from the basement of a demolished building. The spill case was closed on March 26, 1998.				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

Name/Address:	115 Main Street, Spill number 9202522				
Database(s):	NY SPILLS				
Distance in feet:	130	**Direction:**	WSW	**Gradient:**	Down
Data Discussion:	According to the database, an air eliminator truck malfunctioned causing an oil leak to the paved street. Driver applied Speedi-Dri® and confirmed cleanup, and the spill case was closed on June 2, 1992.				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

4.3.5 ASTM Search Distance Findings

The following is a discussion of non-adjoining sites identified as located within the ASTM specified search distance surrounding the Property. In order to keep this discussion informative and concise, discussion(s) is/are provided of the listed site(s) for each database category that appears most likely to impact the Property based on distance, area topography and/or regulatory status. Listings of sites within the applicable search distances not specifically discussed below were reviewed and

concluded not to be RECs in connection with the Property or VECs based on various factors including distance, area topography, known or inferred groundwater flow direction and/or regulatory status. Listings for the following databases, if identified, have been discussed above in Sections 4.3.3 and 4.3.4: Registered Storage Tanks, Federal RCRA Generators, Federal and State EC/IC, ERNS. A copy of the full regulatory database report, including available details of all listed sites, is included in Appendix E.

Federal NPL				**# of sites:**	1	**Search Distance:**	1-mile
Notable Listing:	Hudson River PCBs						
Distance in feet:	1,814	**Direction:**	W	**Gradient:**	Down		
Data Discussion:	The site is a 40-mile stretch of the Hudson River between Mechanicsville and Fort Edward. General Electric discharged an estimated 1 million pounds of PCBs into that stretch of water. The State has identified 40 hot spots with contaminated sediments greater than 50 parts per million. EPA has prepared a feasibility study and to evaluate alternative remedial actions under CERCLA. EPA approved funding for cleanup and two potential parties responsible for waste associated with this site have been notified.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

Federal Delisted NPL				**# of sites:**	0	**Search Distance:**	1-mile
Notable Listing:							
Distance in feet:		**Direction:**		**Gradient:**			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

Federal SEMS				**# of sites:**	1	**Search Distance:**	½-mile
Notable Listing:	Hudson River PCBs						
Distance in feet:	1,814	**Direction:**	W	**Gradient:**	Down		
Data Discussion:	This site is discussed in the NPL section above						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

Federal SEMS-ARCHIVE				**# of sites:**	2	**Search Distance:**	½-mile
Notable Listing:	Berncolors-Poughkeepsie Inc – 75 N Water St						
Distance in feet:	1,830	**Direction:**	NW	**Gradient:**	Down		
Data Discussion:	This is the closest SEMS-ARCHIVE site to the Property. The site was indicated as Removal Only Site (No Site Assessment Work Needed) and is not on the NPL.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

Federal CORRACTS				**# of sites:**	0	**Search Distance:**	1-mile
Notable Listing:	None						
Distance in feet:		**Direction:**		**Gradient:**			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

Federal RCRA-TSD				**# of sites:**	0	**Search Distance:**	½-mile
Notable Listing:	None						
Distance in feet:		**Direction:**		**Gradient:**			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

State HAZARDOUS WASTE SITE				**# of sites:**	4	**Search Distance:**	1-mile
Notable Listing:	HRH Lead Abatement Site – 55 Garden Street						
Distance in feet:	1,954	**Direction:**	E	**Gradient:**	Up		
Data Discussion:	This is the closest SHWS site to the Property. According to the database, *"The primary contaminant associated with the site is lead, which resulted from the abatement of lead paint… All lead resulting from the abatement was containerized and properly disposed off-site."*						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

State SOLID WASTE FACILITY/LANDFILL				**# of sites:**	1	**Search Distance:**	½-mile
Notable Listing:	GF Refuse TF – 240 Main St						
Distance in feet:	1,264	**Direction:**	ESE	**Gradient:**	Up		
Data Discussion:	According to the database, this site is an inactive transfer station. This address is not listed on any additional regulatory databases.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

State LEAKING STORAGE TANKS				**# of sites:**	24	**Search Distance:**	½-mile
Notable Listing:	Apt Milanese – 111 Main St						
Distance in feet:	225	**Direction:**	W	**Gradient:**	Down		
Data Discussion:	All of the 24 LTANKS listings have a closed regulatory status and none are considered RECs						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

State VOLUNTARY CLEANUP SITES				**# of sites:**	1	**Search Distance:**	½-mile
Notable Listing:	CH - Water St. - Poughkeepsie MGP – North Water Street						
Distance in feet:	2,128	**Direction:**	NW	**Gradient:**	Down		
Data Discussion:	According to the database, the former MGP operated from 1911 to 1950, with contaminant of concern coal tar leaking from the storage vessels and piping and still present in the subsurface. Some tars continually to discharge into the Hudson River sporadically. Several environmental investigations indicated coal tar contains high levels of dissolved BTEX, PAH and metal compounds that has impacted the subsurface of the site, bedrock and Hudson River. Based on the active investigation, the flow of contamination towards the Hudson River, elevation and distance from the Property, this listing is not considered a REC in connection of the Property.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

State BROWNFIELD SITES				# of sites:	4	Search Distance:	½-mile
Notable Listing:	Queen City Lofts – 178-188 Main St & 11 S. Bridge St.						
Distance in feet:	311	**Direction:**	SE	**Gradient:**	Up		
Data Discussion:	According to the database, the site was used for various industrial, commercial and residential purposes including a machine shop and laundry facility from as early as 1887 until the mid-1980s. Contamination was identified during a subsurface investigation attributed to historic fill and two USTs. Contamination is documented to be contained within the site boundaries. Based on the subsurface investigation and no contamination leaching offsite, this listing is not considered to be a REC in connection with the Property. Based on various factors including distance, area topography and/or site status, none of the other BROWNFIELDS listings are considered to be a REC for the Property.						
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Property.						
VEC Discussion:	Based on the available data, a VEC is not suspected.						

UNMAPPED/ORPHAN LIST SITES	
	Hillmann has also reviewed a list of unmapped sites (a.k.a. "Orphan List" sites) indicated by the database report. Unmapped sites that were identified as falling within an applicable specific search distance or warranting discussion have either been discussed in the preceding tables or are detailed below:
Notable Listings:	None

4.4 Additional Environmental Record Sources

Requests have been submitted to local, municipal and state agencies for pertinent records pertaining to the Property, particularly with regard to potential environmental concerns such as petroleum storage tanks, storage and usage of hazardous substances and petroleum products, and/or known or suspected environmental contamination. Where applicable, internet research of government environmental regulatory databases was also conducted, as well as a general cursory internet search of the Property address, for information indicative of a REC. The following table summarizes the findings of the research:

Source	Type of Request	Outcome
NYS Dept of Environmental Conservation	FOI request	A response was recieved stating that no records were found.
Dutchess County	FOI request	A response was recieved stating that no records were found.
City of Poughkeepsie	FOI request	A response was received indicating building department records were available however as of the date of this report no records have been received.
EPA Envirofacts	Online search	Hillmann reviewed available on-line records pertaining to the Property. No information indicative of a REC was identified.
Internet Search Engine	Online search	Hillmann reviewed available on-line records pertaining to the Property. No information indicative of a REC was identified.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

The site reconnaissance consisted of visual and/or physical observations of the Property and improvements, adjoining properties as viewed from the Property boundaries and the surrounding area based on visual observations from adjoining public thoroughfares. Building exteriors were observed at ground level, unless otherwise indicated. Where applicable, representative areas of building interiors were accessed and observed to the extent they were made safely accessible with the cooperation of the site escort.

Site Inspection Personnel:	Stephanie Lamb
Property Escort/Company:	Mr. Chris Green/ Reliant Realty
Inspection Date:	October 20, 2020
Weather Conditions:	Overcast, 60 degrees F

5.1.1 Significant Inaccessible Areas

No significant areas of the Property inaccessible at the time of the inspection were noted.

5.1.2 Significant Limiting Site Conditions

No significant limiting site conditions were noted at the time of the site reconnaissance.

5.2 General Site Setting

5.2.1 Site and Vicinity Characteristics

Abutting Roadways:	Main Street to the south; North Perry Street to the west
Current Property Use:	Residential Senior Housing
Evidence of Past Property Uses:	None observed.
Evidence of Past Adjoining Property Uses:	None observed.
Surrounding Area Uses:	Commercial, residential, park

5.2.2 Current Adjoining Property Uses

Dir	Street Address	Description
N	31-35 North Perry Street	City Park
NW	20 North Perry Street	Apartments (Residential Multifamily)
W	115 Main Street	Restaurant
SW	110 Main Street	Offices
S	140 Main Street	The Grand Rehabilitation & Nursing at River Valley
E	20 North Bridge Street	Apartments (Residential Multifamily)

No visual observations indicative of a potential environmental concern were noted on the adjoining properties.

5.2.3 Topographic Characteristics

Terrain:	Flat to gently sloping
Direction of Downward Slope:	Towards the west
On-site Water Bodies:	None observed
Other Significant Features:	None observed

5.2.4 General Description of Structures

Buildings/# of Floors	One building/13-story
Approx. Building Area:	85,800 ft²
Approx. Year Built:	1976
Ancillary Structures:	Heating Oil Storage Tank Building, 2 Small Sheds
Sources of Heating & Cooling:	Oil fired and electrical powered systems
Potable Water/Sewage Disposal:	Municipal utility connections

5.3 Interior & Exterior Observations

5.3.1 Storage/Usage of Hazardous Substances and Petroleum Products

The following hazardous substances and petroleum products were observed to be stored and used by property occupants:

Occupant	Substance	Qty/Container Type	Storage Conditions
Owner	Various cleaning and maintenance supplies	Multiple 1-5 gal Containers	In Maintenance Storage.

5.3.2 Drums

The following hazardous substance or petroleum product drums were noted on the Property:

One 55-gallon drum of floor cleaner was observed in the maintenance storage room. No signs of leaking or staining were observed in the area of the drum.

5.3.3 Unidentified Substance Containers

No unidentified substance containers suspected of containing hazardous substance or petroleum product were noted on the Property.

5.3.4 Other Hazardous Substances/Petroleum Products

No other containers of hazardous substances or petroleum products were noted on the Property.

5.3.5 Bulk Petroleum/Hazardous Material Storage Tanks

The following storage tanks for bulk petroleum or hazardous material storage were identified or reported to be present; or are suspected to be present based on visual observations:

AST/ UST	Product	Capacity	Construction	Year Installed	Status	Location/Notes
AST	No. 2 Fuel Oil	10,000-gal	Steel	2008	In Service	Within sheltered enclosure; no evidence of a release was observed.
UST	No. 2 Fuel Oil	10,000-gal	Steel	1976	Closed in Place	UST decommissioned in 1997; see UST closure report discussion in Section 3.1

Hillmann notes that the potential presence of abandoned USTs and/or associated buried piping at the Property cannot be ruled out. A 1952 Sanborn fire insurance map depicted a buried gasoline on the northeastern portion of the Property. The site was redeveloped into the current configuration in the 1970s. While subsurface testing at the Property has not identified by evidence of a petroleum release in the vicinity of the historical UST, the disposition of the historical gasoline tank was not determined.

5.3.6 PCBs in Oil Filled Electrical/Hydraulic Equipment

The existing site improvements were established prior to the ban of PCBs in 1979. The following oil-filled electrical/hydraulic equipment was identified at the Property:

One hydraulic trash compactor was observed in the compactor room. No signs of leaking or staining were observed in the area of the compactor motor.

5.3.7 Odors

No strong, pungent or noxious odors were noted at the Property.

5.3.8 Pools of Liquid

No standing water or pools of liquid likely to contain hazardous substances or petroleum products were noted at the Property.

5.3.9 Interior Stains or Corrosion

No interior stains or corrosion due to hazardous substance/petroleum products spills/releases were noted at the Property.

5.3.10 Interior Drains/Sumps

No floor drains or sump pits were noted at the Property other than for storm water or sewage management.

5.3.11 Exterior Pits/Ponds/Lagoons

No exterior pits, ponds or lagoons was identified on the Property in connection with waste treatment or disposal.

5.3.12 Stained Soil, Pavement/Stressed Vegetation

No stained soil, pavement or stressed vegetation was observed at the Property.

5.3.13 On-Site Solid Waste Disposal/Fill Material

No evidence of any on-site solid waste dumping was noted at the Property. No evidence of recently deposited fill materials was observed at the Property.

5.3.14 Waste Water

Sanitary sewage generated at the Property is discharged via a connection to the local public sewer system.

Storm water runoff at the Property is discharged via roof drains into the municipal sewer system.

No additional waste water discharges were identified at the Property.

5.3.15 Septic Systems

No septic systems were identified at the Property.

5.3.16 Wells

No potable, monitoring or other groundwater wells were identified at the Property.

5.3.17 Railroad Spurs

No railroad spurs were identified on the Property.

6.0 INTERVIEWS

6.1 Interviews with Past and Present Owners and Occupants

Subject	Name/Affiliation	Summary
Property Owner / Representative	Ms. Lori Ferguson & Mr. Chris Green / Reliant Realty	Ms. Ferguson was provided an environmental questionnaire and Ms. Ferguson and Mr. Green were interviewed during the site inspection. Pertinent information from the interview, where applicable, has been referenced in various sections of this report.
Property Occupants	Not applicable	Property occupants were not available for interview at the time of the assessment.
Past Owners, Occupants, Operators	Not applicable	Past owners/occupants of the Property were not available for interview at the time of the assessment.
Owners/Occupants of Adjoining or Nearby Properties	Not applicable	The Property was not an abandoned property with evidence of unauthorized uses or uncontrolled access; therefore, interviews with adjoining or nearby property owners or occupants were not conducted.

6.2 Interviews with State and/or Local Government Officials

Written and on-line requests for environmental records of the Property from State and Local governmental agencies are detailed in Section 4.4.

7.0 BUSINESS ENVIRONMENTAL RISKS

In accordance with the contract agreement for this assessment, Hillmann has performed cursory reviews of several potential Business Environmental Risks (also known as "Non-Scope Considerations"). The ASTM E1527-13 standard defines the term business environmental risk (BER) as, *"a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice."*

7.1 Asbestos-Containing Material (ACM)

The contracted scope of work included a cursory visual screening of the accessed portions of buildings at the Property built prior to 1990 for suspect asbestos containing materials (ACM). The information provided in this section, where applicable, is limited to identification of potential suspect materials in the readily accessible and observed areas of the building, and their general condition. This is not intended to be a comprehensive survey for the presence of ACM, and no testing has been conducted.

Suspected ACM noted within the accessed building areas included floor tile and associated mastics, roofing materials, cover base and associated mastic, gypsum wallboard systems, suspended ceiling panels and thermal systems insulation.

Hillmann was provided with a copy of a prior asbestos survey report titled Asbestos Inspection Survey, Admiral Halsey Senior Housing Complex-135 Main Street, Poughkeepsie, NY; by Environmental Health Investigations, dated May 30, 2007. The survey was indicated to be non-intrusive. Fifty-six samples were collected for asbestos analysis. Identified ACM materials included roofing materials (assumed), floor tile and associated mastic, boiler flue insulation, rope-like boiler gasket and caulking/insulation.

7.2 Lead-Based Paint

The contracted scope of work included a cursory visual screening of the condition of painted surfaces in the accessed areas of residential buildings/units built prior to 1980. This is not intended to constitute a comprehensive survey for LBP or potential lead hazards, and no testing has been conducted.

Painted surfaces observed within the accessed areas of the residential building were noted to be in good condition.

Hillmann was provided with a copy of a prior lead paint screening report titled Lead Paint Screening; by Environmental Health Investigations, dated October 9, 2007. See below for the conclusions from the Lead Paint Screening report prepared by EHI:

> *"Based on the results of the screening, no tested paint surfaces were found to contain lead paint. However, many of the wall tiles in the bathrooms throughout the facility tested positive for lead. The wall tiles are not considered a lead painted surface but do contain levels of lead in them greater than or equal to 1.0 mg/cm2. Contractors performing any renovation or demolition activities that will impact*

the wall tiles creating dust and debris should consult the Operations and Maintenance Plan to determine work practices and proper personal protective equipment."

7.3 Radon

Data compiled by the USEPA, as summarized by the regulatory database report, indicated that the Property is located in an area classified as Zone 1 or 'high risk' area for radon. Radon testing was not included in the scope of this assessment.

Hillmann was provided with a copy of a prior radon testing report titled Radon Testing; by Environmental Health Investigations, dated September 8, 2008. The main office, community room, and boiler room were the sample locations for the radon test. See below for the conclusions from the Lead Paint Screening report prepared by EHI:

"The US EPA has set an action level of 4.0 pico Curies per Liter (pCi/L) for a residence. The tests conducted at the Admiral Halsey are all well below the action level. The US EPA maintains a radon information website which includes copies of all publications, at www.epa.gov/iaq/radon."

7.4 Mold/Microbial Damage

As per the contracted scope of work, Hillmann conducted a cursory visual screening of the accessed areas of the building for evidence of significant damage to building materials and finishes as result of moisture intrusion and/or mold/microbial growth. Hillmann did not observe evidence of significant problems with moisture intrusion or mold/microbial growth at the Property.

7.5 NWI Mapped Wetlands

As indicated in the Physical Setting Source table of Section 4.1, no NWI mapped wetlands areas were depicted at the Property by the EDR Geocheck-Physical Setting Source Addendum (attached in Appendic E).

The scope of work for this assessment excludes a visual determination of regulated wetlands at the Property. It is emphasized that, regardless of the wetlands data obtained via the EDR Geocheck-Physical Setting Source Addendum, a delineation of regulated wetlands by a qualified professional would be warranted to determine the presence or absence of regulated wetlands at the Property.

7.6 Lead in Drinking Water

The scope of work for this assessment included a review of the potential for elevated levels of lead in drinking water by determining the source of the drinking water supply and a review of available compliance or testing data.

Potable water service at the Property is provided by a utility connection with the City of Poughkeepsie A recently published water quality report from the utility indicated compliance with USEPA water quality standards for lead in drinking water. A copy of the report has been attached in Appendix F.

8.0 REFERENCES

ASTM E1527-13-Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process; ASTM International, 2013

ASTM E12600-15-Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transaction, ASTM International, 2015

EDR Radius Map Report, Environmental Data Resources, 2020

EDR City Directory Abstract Report, Environmental Data Resources, 2019

EDR Sanborn Map Report, Environmental Data Resources, 2019

Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources; A. Buonicore, 2011

Phase I Environmental Site Assessment, 135 Main Street, Poughkeepsie, NY 12601; prepared by Hillmann Consulting, LLC and dated April 8, 2019.

Phase II Subsurface Investigation Report, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Consulting, LLC and dated April 8, 2019.

Tank Closure Site Assessment Report; Admiral Halsey Village, 135 Main St., Poughkeepsie, New York; prepared by Conrad GeoScience Corp; dated November 18, 1997.

Phase I Environmental Site Assessment – Update, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Consulting on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, August 28, 2007.

Limited Phase II Investigation, Admiral Halsey, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, May 2007.

Vapor Intrusion Investigation, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, July 13, 2007.

Soil & Groundwater Contamination Health & Safety Plan, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared for Admiral Halsey L.P by Environmental Health Investigations, Inc.; dated July 11, 2007.

Supplemental Investigation of Poughkeepsie Bayeaux Street Site; prepared by Central Hudson & Electric Corporation, July 2006.

9.0 APPENDICES

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Appendix C	Questionnaires / User Provided Information
Appendix D	Historical Records Documentation
Appendix E	Regulatory Records Documentation
Appendix F	Other Documents / Lab Results
Appendix G	Project Personnel Qualifications

HILLMANN
CONSULTING

PHASE I ENVIRONMENTAL SITE ASSESSMENT

135 Main Street
Poughkeepsie, NY 12601

Prepared For:

Omni New York, LLC
909 Third Avenue, 21st Floor
New York, NY 10022

Hillmann Project Number G62423

April 8, 2019

Your Property. Our Priority.
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April 8, 2019

Ms. Elizabeth Moronta
Omni New York, LLC
909 Third Avenue, 21st Floor
New York, New York 10022

RE: Phase I Environmental Site Assessment
135 Main Street
Poughkeepsie, NY 12601
Hillmann Project No: G62423

Dear Ms. Moronta:

Hillmann Consulting, LLC, is pleased to provide the results of our Phase I Environmental Site Assessment of the above referenced property. This assessment was performed in accordance with the scope and limitations of ASTM Practice E 1527-13, which is the latest version of the E1527 standard published by the ASTM.

We appreciate the opportunity to provide environmental due diligence services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact our office at 908-688-7800.

Sincerely,

Hillmann Consulting, LLC

Ryan K. Powell, P.G.
Environmental Scientist

David Rutherford
Director of Quality Management

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List of Abbreviations/Acronyms

Hillmann may use the following abbreviations and acronyms for common terminology described in our report. Not all abbreviations or acronyms may be applicable to this report:

ACM	– Asbestos Containing Material
AOC	– Area of Concern
AST	– Aboveground Storage Tank
ASTM	– American Society for Testing Materials
BER	– Business Environmental Risk
CEA	– Classification Exception Area
CERCLA	– Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	– Comprehensive Environmental Response Compensation and Liability Information System
CESQG	– Conditionally Exempt Small Quantity Generator
COC	– Chemicals of Concern
CORRACTS	– Corrective Action Sites
CREC	– Controlled Recognized Environmental Condition
DNPL	– Delisted National Priority List
ENG	– Engineering
ERNS	– Emergency Response Notification System
FDNY	– Fire Department, City of New York
FOI/FOIA/FOIL	– Freedom of Information / Freedom of Information Act / Freedom of Information Letter
HVAC	– Heating Ventilation & Air Conditioning
HREC	– Historic Recognized Environmental Condition
IAQ	– Indoor Air Quality
INST	– Institutional
ISRA	– Industrial Site Recovery Act
LBP	– Lead-Based Paint
LQG	– Large Quantity Generator
LTANK	– Leaking Storage Tank
LUST	– Leaking Underground Storage Tank
SDS/MSDS	– Safety Data Sheet / Material Safety Data Sheet
NA	– Not Applicable
NCDOH	– Nassau County Department of Health
NFA	– No Further Action
NFRAP	– No Further Remedial Actions Planned
NJDEP	– New Jersey Department of Environmental Protection
NPDES	– National Pollutant Discharge Elimination System
NPL	– National Priority List
NYCDEP	– New York City Department of Environmental Protection
NYCDOB	– New York City Department of Buildings
NYSDEC	– New York State Department of Environmental Conservation
OPRA	– Open Public Records Act
PADEP	– Pennsylvania Department of Environmental Protection
PAH	– Polycyclic Aromatic Hydrocarbon
PCE	– Perchloroethylene
RAO	– Response Action Outcome
RCRA	– Resource Conservation and Recovery Act
RCRIS	– Resource Conservation and Recovery Information System
REC	– Recognized Environmental Condition
SCDHS	– Suffolk County Department of Health Services
SDG	– Significant Data Gap
SEMS	– Superfund Enterprise Management System
SRP	– Site Remediation Program
SQG	– Small Quantity Generator
SVOC	– Semi-Volatile Organic Compound
TCE	– Trichloroethylene
TSDF	– Treatment Storage and/or Disposal Facility
USEPA	– United States Environmental Protection Agency
UST	– Underground Storage Tank
VEC	– Vapor Encroachment Condition
VOC	– Volatile Organic Compound

1.0 FINDINGS, OPINIONS, AND CONCLUSIONS

Hillmann Consulting, LLC (Hillmann) performed a Phase I Environmental Site Assessment (ESA) at 135 Main Street, Poughkeepsie, New York (the Property). This assessment has been conducted in accordance with our contracted scope of work and the ASTM Standard Practice E 1527-13 for Phase I Environmental Site Assessments and All Appropriate Inquiries (AAI) Final Rule 40 CFR Part 312. This section contains a summary of findings, opinions and conclusions made by this assessment. However, this section, alone, does not constitute the complete assessment. The report must be read in its entirety.

1.1 Summary of Project Details

Project Name:		Admiral Halsey Apartments – New Construction			
Primary Street Address:		135 Main Street			
City:	Poughkeepsie	**County:**	Dutchess	**State:**	New York
Tax ID/Parcel Number:		Block 76, Lot 911			
Property Owner:		Omni New York, LLC			
Zoning Designation:		R-6 (Residential)			
Approx. Property Area:		2.20 acres			
Buildings/# of Floors		13 story plus sub-basement			
Approx. Building Area:		85,800 square feet			
Approx. Year Built:		Circa 1976			
Commercial Occupants:		Not applicable			
Current Use:		Senior citizen housing and landscaped property in the rear			
Prior Uses:		Commercial stores along Main Street. Former Coal MGP in the central and north portions of the property until approximately 1911			
Inspected By:		Mr. Ryan K. Powell			
Property Contact/Company:		Ms. Elizabeth Moronta			
Property Escort/Company:		Mr. Robert Poppo (Property Porter)			
Inspection Date:		March 20, 2019			
Weather Conditions:		Clear, 50 degrees F			

1.2 Findings Summary Table

PHASE I ENVIRONMENTAL SITE ASSESSMENT				
Assessment Subject	**No Notable Finding**	**Notable Findings**	**REC ?**	**Rpt. Ref.**
User Provided Info	X			3.0
Data Gaps	X			2.3
Property Regulatory Records Review		The Property was listed in the EDR report with AST and UST designations in the database. A 10,000-g. UST was closed in place in 1997.	No	4.3.1
Property Historical Records Review	X	Portions of the Property were occupied by a manufactured gas plant from mid-19th to early-20th century. A gasoline UST at the Property was depicted by 1952 fire insurance maps.	No	4.2
Site Reconnaissance	X			5.0
Interviews	X			6.0
Adjoining & Nearby Properties		The adjoining properties River Care Nursing Home - 138-144 Main Street and Milanese Restaurant - 115 Main Street are listed in the EDR report under the NY Spills database.	No	4.3.2 5.2.8
BUSINESS ENVIRONMENTAL RISKS / NON-ASTM SCOPE				
BER	**Not Applicable**	**Findings**		**Rep. Ref.**
Asbestos Containing Materials (ACM)		An Asbestos Inspection Survey conducted in May 2007 by EHI identified ACM in the form of roofing materials (assumed), floor tile and associated mastic, boiler flue insulation, rope-like boiler gasket and caulking/insulation.		7.1
Lead Based Paint (LBP)		A Lead Paint Screening conducted in October 2007 by EHI concluded that no lead painted surfaces were detected.		7.2
Radon		Three radon tests were performed 8/26/2008 through 8/28/2008 by EHI. Results indicated no exceedance of the EPA radon standards.		7.3
Mold		A limited cursory visual screening for evidence of mold/moisture intrusion did not identify any significant mold/microbial growth in the building.		7.4
Wetlands		The EDR Geocheck Physical Setting Source addendum depicted no state or federal (NWI) mapped wetlands on the Property.		7.5

1.3 Findings and Conclusions

1.3.1 Recognized Environmental Conditions

Hillmann has performed a Phase I Environmental Site Assessment in accordance with the scope and limitations of ASTM Practice E 1527-13 of the Property as described in Section 2 of this report. Any additions to, exceptions to, or deletions from this practice are also described in Section 2 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except for the following:

RECOGNIZED ENVIRONMENTAL CONDITIONS	
REC #1	Subsurface testing conducted at the Property in 2007 and 2019 identified metals and SVOCs in soils and groundwater at concentrations exceeding regulatory cleanup standards. The identified contaminants were attributed to historical urban fill. Groundwater results in one location indicated VOC and PAH exceeding the regulatory cleanup standards. These compounds are indicative of a possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring. Due to the findings of the subsurface testing, the Property voluntarily procured a Soil and Groundwater Contamination Health and Safety Plan (EHI, 2007) that prescribed operational procedures for site personnel to follow during activities that disturb soil or groundwater. Since the identified urban fill and VOC contaminants in soil and groundwater are being managed in place under the Soil and Groundwater Contamination Health and Safety Plan, the metals, SVOCs, in soil and VOCs in groundwater are considered to be a REC in connection with the Property.
HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS	
	No HRECs were identified.
CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS	
	No CRECs were identified.
SIGNIFICANT DATA GAPS	
	No SDGs were identified.

1.3.2 REC Response Action Recommendations

The following table presents recommended response actions to the identified RECs for further investigation and/or corrective action:

REC RESPONSE ACTION SUMMARY TABLE	
REC #	**Response Action**
REC#1	Given the presence of metals, PAHs, and VOCs, in soil and groundwater, and the current plans for new construction at the site, the site specific management plan for handling site soils and groundwater should be updated and followed during planned construction activities.

1.3.3 Additional Findings

The following environmental conditions were identified, but are not considered to be a REC in connection with the Property:

NOTABLE ENVIRONMENTAL CONDITIONS	
1.	The central and northern portions of the property were occupied by portions of a manufactured gas plant, currently known as the CH – Bayeaux Street Poughkeepsie MGP, from approximately the mid-19th to early-20th century. As further described in Section 4.3.1, the former MGP site is listed on the database of New York State Superfund sites and has undergone previous subsurface investigations with NYSDEC oversight due to the potential for subsurface impacts from the historical gas manufacturing operations. According to the NYSDEC published information, following the completions of site investigation work in 1990 and 2006, no significant MGP waste material was found and a NFA status was granted by NYSDEC on March 12, 2007.
2.	A gasoline UST associated with a former dairy operation was depicted at the northeast portion of the Property by a 1952 fire insurance map. The entire property was redeveloped into the current senior housing complex in the mid-1970s. While disposition of the historical gasoline UST has not been determined, subsurface testing at the Property did not identify evidence of a petroleum release from the former gasoline UST.
3.	A 10,000-gallon above ground storage tank (AST) was observed in the rear of the building, central portion of the Property. The tank is enclosed with a brick structure and accessed via permanent step ladder fixed to the concrete enclosure. No evidence of leakage was observed at the time of the inspection.

4.	A 10,000-gallon #2 heating oil UST was closed in place in 1997. The UST closure was documented by a 1997 tank closure report by Conrad Geoscience, which concluded that all soil testing results were below NYSDEC standards.
5.	Hydraulic fluid is used inside the garbage compactor in the garbage compactor room. Based on the age of the construction, the original equipment may have utilized fluids containing PCBs. No evidence of a significant release was identified.
6.	Hillmann notes that the potential presence of abandoned USTs and/or associated buried piping at the Property cannot be ruled out. A 1952 Sanborn fire insurance map depicted a buried gasoline on the northeastern portion of the Property. The site was redeveloped into the current configuration in the 1970s. While subsurface testing at the Property has not identified by evidence of a petroleum release in the vicinity of the former UST, the disposition of the historical gasoline tank was not determined.

1.4 Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a *property* of the nature, history and setting of the subject *property*. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Ryan K. Powell, P.G.
Environmental Professional

2.0 INTRODUCTION

2.1 Purpose and Scope

This assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-13. The ASTM describes these methodologies as representing good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes all appropriate inquiries into the previous ownership and uses the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35) (B). The primary goal of the processes established by ASTM E1527-13 is to identify *recognized environmental conditions* in connection with the Property.

The term *recognized environmental condition (REC)* is defined by the ASTM as the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

The ASTM has also defined the terms *historical recognized environmental conditions* and *controlled recognized environmental conditions* as two additional types of RECs. The term *historical recognized environmental condition (HREC)* is defined as a past release of any hazardous substances or petroleum products that has occurred in connection with the Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls or engineering controls).

The term *controlled recognized environmental condition (CREC)* is defined as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

Conditions determined to be *"de minimis conditions"* are not considered to be RECs, HRECs or CRECs. *De minimis condition* is defined by the ASTM, "…as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

The chief components of this assessment are generally described as follows:

- A non-invasive visual reconnaissance of the Property and adjoining properties in accordance with ASTM guidelines for evidence of RECs.

- Interviews of past and present owners and occupants and state and local government officials, seeking information related to the potential presence of RECs at the Property.

- A review of standard physical record sources for available topographic, geologic and groundwater data.

- A review of standard historic record sources, such as fire insurance maps, city directories, aerial photographs, prior reports and interviews, etc., to determine prior uses of the Property from the present, back to the Property's first developed use, or back to 1940, whichever is earlier.

- A review of standard environmental record sources including federal and state environmental databases, and additional environmental record sources, to identify potential regulatory concerns with the Property, adjoining properties and properties located within the surrounding area.

An evaluation of environmental or other regulatory compliance matters is excluded from the scope of this assessment.

These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

2.1.1 Business Environmental Risks/Non-ASTM Scope Considerations

In accordance with our contract agreement, Hillmann may have addressed the following potential environmental subject matters that are outside of the requirements of the ASTM E1527-13 standard:

Asbestos-Containing Materials (ACM): A cursory non-intrusive visual screening for the presence of suspect ACM within the accessed areas of buildings built prior to 1990 on the Property. It is emphasized that this cursory non-intrusive visual screening does not constitute an asbestos survey/inspection of the premises. An asbestos survey/inspection should be sought by the report User(s) if more certainty is desired regarding ACM and potential asbestos hazards at the Property. Furthermore, a review of regulatory compliance matters pertaining to asbestos is excluded from the scope of work.

Lead-Based Paint (LBP): A cursory non-intrusive visual screening of the condition of painted surfaces in the accessed areas of residential buildings/units built prior to 1980 on the Property. It is emphasized that this cursory non-intrusive visual screening does not constitute a comprehensive survey for LBP or potential lead hazards. A comprehensive inspection should be sought by the report User(s) if more certainty is desired regarding LBP at the Property. Furthermore, a review of regulatory compliance matters pertaining to lead-based paint is excluded from the scope of work.

USEPA Designated Radon Potential: Review of general non-site specific data published by the USEPA regarding the Radon Zone classification for the area of the Property.

Mold: A cursory non-intrusive visual screening within the accessed areas of buildings on the Property for evidence of systemic microbial problems, including visible mold growth, water

damaged building materials or musty odors. It is emphasized that this cursory non-intrusive visual screening does not constitute a comprehensive survey for moisture/mold/microbial damage. A more comprehensive inspection should be sought by the report User(s) if more certainty is desired regarding the potential for moisture/mold/microbial damages at the Property.

2.2 Property Location/Legal Description

Property location and legal description details are described as follows:

Primary Street Address:		135 Main Street			
City:	Poughkeepsie	**County:**	Dutchess	**State:**	New York
Tax ID/Parcel Number:		Block 76, Lot 911			
Approx. Land Area:		2.20 acres			
Approx. Latitude/Longitude:		North 41.7058760 degrees/West 73.9334410 degrees			
Additional Details (if appl.):		The Property address range includes the landscaped portion rear of the existing building			

2.3 Data Gaps

A *data gap* is defined by the ASTM as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap and the ability to determine the presence or absence of recognized environmental conditions. The following table summarizes data gaps encountered during the assessment as well as a discussion of their significance.

Data Gap:	Significant (Yes/No)?	Discussion
Historical records data failure	Yes	See Section 4.2.9
Response to agency records requests not received as of date of report.	No	Any additional information indicative of a REC will be forwarded upon receipt.

2.4 User Reliance

This report is for the exclusive use of the User(s) named on the front cover. No other party(ies) shall have any right to rely on the content of this report without first obtaining the consent of the original report User; and without obtaining written consent from Hillmann in the form of a letter of reliance or report recertification.

2.5 Significant Assumptions

The following significant assumptions are made:

- Hillmann has assumed that the site operations at the time of the site visit reflect typical site conditions relative to potential environmental conditions and that no concealment of environmental conditions or releases by site owners or occupants has occurred. Likewise, Hillmann has also assumed that no areas of the Property with potential environmental concerns or RECs were concealed or otherwise not made known to us, intentionally or unknowingly, by the Property owners/occupants and/or site escort at the time of the site visit.

- For the purpose of estimating the approximate direction of groundwater flow in the absence of site specific groundwater data, unless indicated otherwise, Hillmann has assumed that the gradient of groundwater flow follows the surface topography of the Property and immediate surrounding area.

2.6 General Limitations and Exceptions

2.6.1 Limitations

The report turnaround time specified by the contract agreement for this assessment may present a limitation to Hillmann's ability to access and review pertinent regulatory agency records. Such limitations, if encountered, are further specified in Section 4.4.

Significant limitations related to the condition or accessibility of the Property at the time of the site reconnaissance, if encountered, are reported in Section 5.1.

2.6.2 Other Exceptions or Deletions

No other exceptions or deletions from the ASTM Standard E 1527-13 are reported.

2.6.3 Special Terms and Conditions

Hillmann has prepared this Phase I Environmental Site Assessment using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances, wastes and petroleum products at the Property. Findings within this report are based on information collected from observations made on the day of the site reconnaissance and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, site development, redevelopment, or other construction purposes. Hillmann makes no representation or warranty that the past or current operations at the Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes.

Findings, conclusions and recommendations presented in this report are based on our visual observations of the Property, interviews conducted, the records reviewed, information provided by the Client, and/or a review of readily available and supplied drawings and documents. Hillmann relies upon the information, whether written, graphic or verbal, provided by the Property contact(s) or as shown on any documents reviewed or received from the Property contact, owner or agent, or

municipal source; and assumes that information to be true and correct. Although there may have been some degree of overlap in the information provided by these various sources, Hillmann did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this assessment. Hillmann can neither warrant nor guarantee the accuracy or completeness of information that was obtained from ostensibly knowledgeable individuals, regulatory agency representatives or other secondary sources.

Regardless of the findings stated in this report, Hillmann is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the assessment was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The regulatory research is designed to meet the requirements of ASTM Standard E 1527-13. Hillmann can neither warrant nor guarantee the accuracy or completeness of the information obtained from the regulatory database report provider during the course of this assessment.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment to identify aboveground and underground storage tanks and ancillary equipment. “Reasonable efforts” are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify surficial and subsurface features that may have been hidden from view due to parked automobiles and other vehicles, snow cover, vegetative growth, pavement, construction or debris pile storage or incorrect information from sources.

Hillmann is not a professional title insurance firm and makes no guarantee, explicit or implied, that the records which were reviewed represent a comprehensive or precise delineation of past Property ownership or tenancy for legal purposes.

The ASTM E1527-13 standard states that recommendations are not required to be included in a Phase I ESA report; however, further that recommendations are an additional service that may be useful in the User’s analysis of landowner liability protections or business environmental risks; and that the User should consider whether recommendations for additional inquiries or other services are desired.

The recommended response actions to the identified RECs presented in Section 1.3, if any, are not intended to represent the only course(s) of action to take; nor does it imply any opinion as to the timing of the action. Furthermore, it is emphasized that additional response actions may become warranted depending on the outcome of the initial action(s) taken. Hillmann advises that consultation with legal counsel familiar with environmental and real estate law may be beneficial

to the decision making process for the type and timing of a response action to identified RECs, if any.

Due to the limited nature of our review of potential Business Environmental Risks, the User of the report should consider whether to take additional action(s) to further define, properly manage and/or mitigate potential BERs.

In the event of any conflict between the terms and conditions of this report and the terms and conditions of the consulting services agreement for this project, the consulting services agreement shall control.

3.0 USER PROVIDED INFORMATION

The term "User" is defined by ASTM as the party seeking to use Practice E1527 to complete an environmental site assessment of the Property; specifically, the entities named on the front cover to which the report has been addressed.

3.1 Prior Environmental Reports/Documentation

The following prior environmental investigation reports and documentation were provided to Hillmann:

Tank Closure Site Assessment Report; Admiral Halsey Village, 135 Main St., Poughkeepsie, New York; prepared by Conrad GeoScience Corp; dated November 18, 1997. The report documented tank closure activities for a former 10,000-gallon heating oil UST located in the courtyard behind the apartment building. Initially planned for closure by removal, the report stated that the tank was abandoned in place on October 17, 1997 due to the proximity of a natural gas utility pipe and difficulties removing an UST anchor point. Three soil samples were collected from the bottom of the tank excavation and submitted for VOC and SVOC analysis. No VOCs were detected in any of the samples collected. Seven SVOCs were detected at concentrations well below NYSDEC standards. The report concluded:

> *"Considering the integrity of the UST upon cleaning and attempted excavation, along with the lack of petroleum contaminated soils, there is no evidence of prior leakage or spillage from this tank. In addition, SVOCs detected are well below NYSDEC standards and, therefore, no remedial activity is required. The SVOCs present may represent residual coal tar. No information pertaining to groundwater quality, and the presence of these compounds in groundwater is available at this time."*

Phase I Environmental Site Assessment – Update, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Consulting on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, August 28, 2007. The report concluded the following with regard to recognized environmental conditions (RECs) in connection with the Property:

> *"This update assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Property, except for the following:*
>
> *• A Limited Phase II Investigation report was prepared by Hillmann in March 2007 to evaluate two recognized environmental condition that were identified by Hillmann's prior Phase I ESA report. The RECs included a potential impact to the environment from a former coal gasification plant; and a historic underground storage tank (UST) that was identified by review of Sanborn Fire Insurance Maps of the Property. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection and analysis of soil and groundwater samples. The results of the investigation identified the presence of residual contamination which could be attributed to the past manufactured gas plant usage. The Limited Phase II Investigation identified elevated levels of metals and PAHs in soils throughout the property. Hillmann understands that Omni has obtained a "Property Use and Work Plan" to protect against possible contamination exposure. This document provides insight on which procedures to follow during excavation activities. In addition, this document is site specific and will only pertain to the subject property. Hillmann has contacted the NYSDEC directly, and was informed that there is no requirement to report a spill to the NYSDEC. Therefore Hillmann does not recommend reporting the results to the NYSDEC. Hillmann notes that a*

Soil and Groundwater Contamination Health and Safety Plan was developed for the Property on behalf of Admiral Halsey LP, dated July 11, 2007."

The August 28, 2007 Hillman Phase I ESA report also included a summary of a NYSDEC file review of the former Bayeaux Street Coal Gasification Plant. Documentation consisted of a series of reports concerning historic coal gasification plants located the City of Poughkeepsie. Much of the documentation pertained to a different historic coal gas plant located several blocks to the west of the Property along the Hudson River Waterfront. A Phase I investigation report of the Bayeaux Street Coal Gas Plant site was also included, as summarized below by the 2007 Phase I ESA:

Phase I Investigation Poughkeepsie (Bayeaux Street) Coal Gasification Plant Site, City of Poughkeepsie, Dutchess County, New York; prepared by EA Science and Technology of Middletown, New York; on behalf of Central Hudson Gas & electric Corporation, January 1987:

The report indicated that a historic coal gas plant that formerly occupied the Property operated from approximately 1850 to 1911, at which time it was replaced by a Water Street plant located several blocks to the west. The report concluded the following:

"The available data are considered insufficient to prepare a final HRS (Hazard Ranking System) score for this site. There is no documentation of hazardous waste or contamination at the former Poughkeepsie Bayeaux Street Coal Gas Plant site. Groundwater soil quality data lacking."

"In order to prepare a final HRS score for this site, analytical data regarding the quality of the ground-water and soil, and characteristics of waste (if present), will be necessary, thus requiring performance of a Phase II investigation. The proposed Phase II study would include the performance of a soil vapor survey, the installation of 4 observation wells and the collection and analysis of ground-water and soil samples."

Limited Phase II Investigation, Admiral Halsey, 135 Main Street, Poughkeepsie, New York 12601; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, May 2007.

The purpose of the Limited Phase II Investigation was to evaluate two RECs that were identified by a 2007 Phase I ESA report. The RECs included a potential impact to the environment from a former coal gasification plant; and a historic underground storage tank (UST) that was identified by review of Sanborn Fire Insurance Maps of the Property. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection and analysis of soil samples. These samples were collected from boring locations in the asphalt parking lot, around the old UST and in the area of the historic coal gasification plant. A total of fourteen (14) soil and three (3) groundwater samples were collected and analyzed for parameters including volatile organic compounds (VOC), base neutrals and acid extractable (BNA), and Priority Pollutant List Metals.

The following is a summary of the conclusions of the Limited Phase II Investigation:

"Hillmann has completed a Limited Phase II Investigation at 135 Main Street to assess the impact of former coal gasification plant and UST located on site. The completed scope of work included a GPR survey, the advancement of subsurface borings utilizing a Geoprobe and hand auguring. The following has been concluded from this investigation.

1. *The results of the investigation have identified the presence of contamination which could be attributed to past site usage. The environmental concerns identified through laboratory and field observations are the presence of metals and Polynuclear Aromatic Hydrocarbons (PAHs) present in the soil and groundwater.*
2. *It appears that the contamination identified is the result of former coal gasification processes conducted on site.*
3. *Elevated levels of metals and PAHs are wide spread throughout the property. Minimal risk of exposure is expected in the areas of the parking lot and/or lawn area. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.*
4. *Due to the wide spread presence of elevated metals and PAHs around the property, Hillmann has determined that the contamination encountered is not from the UST, but as a result of the historic coal gasification plant. It is determined that the UST did not impact the surrounding environment.*
5. *Omni has decided to develop a raised garden bed system. This decision will protect the current residence using the garden area. A brief description of the garden area is described in the below section.*
6. *Additionally, Omni is in the process of obtaining a "Property Use and Work Plan" to protect against possible contamination exposure. This document will provide insight on which procedures to follow during excavation activities. This document will be site specific and will only pertain to the subject property. A copy of the work plan will be located at the facility."*

Vapor Intrusion Investigation, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared by Hillmann Environmental Group LLC on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC, July 13, 2007.

The scope of work consisted of one round of sampling for VOCs by TO-15 Method. Samples were collected from the Sub-Basement, Maintenance Room, Community Room, on the 1st Floor Adjacent the Elevator, and on the 6th Floor Adjacent the Elevator. Also, one outdoor reference sample was collected. The conclusions and recommendations stated the following:

4.1 Conclusions
Based on Hillmann's review, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. Based on the data that we have at this time, Hillmann has found no evidence that an increase health risk exists from the previous Manufactured Gas Plant (MGP). Although the NYSDOH or Hillmann recognize the upper range of the comparative data as a valid reference, it should be noted that very few samples would exceed this level present in some non-impacted homes. Furthermore, it should be noted that samples were collected from areas susceptible to organic vapors from maintenance products and processes.

4.2 Recommendations
Based on Hillmann's review of indoor sample results, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. In order to conduct a comprehensive vapor intrusion assessment NYSDOH Guidelines recommend that sub-slab soil vapor samples be collected. Sub-slab samples are an important component used to compare with indoor and outdoor samples in order to evaluate current and potential human exposures (e.g. if the building's structural integrity or use changes) and determine the site-specific attenuation factors, which compares the ratio of indoor air to sub-slab vapor concentrations. Furthermore, it may be prudent for follow-up sampling to be conducted on a periodic basis (such as annual or bi-annual) to ensure these conditions do not change over time. If significant changes occur at the building (increase or decrease HVAC, digging, vibration, etc) the potential for vapor intrusion may increase."

Soil & Groundwater Contamination Health & Safety Plan, Admiral William F. Halsey Senior Village, 135 Main Street, Poughkeepsie, NY; prepared for Admiral Halsey L.P by Environmental Health Investigations, Inc.; dated July 11, 2007. The report established policy for managing potential exposures to chemicals which exist in low concentrations within the soil and ground water associated with the Admiral William F. Halsey Senior Village property located at 135 Main Street in Poughkeepsie, New York.

Supplemental Investigation of Poughkeepsie Bayeaux Street Site; prepared by Central Hudson & Electric Corporation, July 2006. This report detailed a supplemental investigation conducted following results finding from an August 1990 investigation and well installation. The 2006 investigation consisted of the installation of five soil borings in and around the former MGP structure at the site. Soil and monitoring well borings from 1990 consisted of fill material at various depths ranging from ground surface to approximately 8 feet below ground surface in most areas investigated. The four monitoring wells were installed at the Property to assess water quality in 1990. Based on the results from a 1990 Phase II investigation and 2006 supplemental investigation, conclusions, Central Hudson requested that the NYSDEC delist the former Bayeaux Street site from the Inactive Hazardous Waste Disposal Site Program Registry and abandon all monitoring wells.

Hillmann notes that a Phase II Site Investigation is being conducted by Hillmann concurrently with this Phase I ESA report and will be submitted under separate cover.

3.2 User Questionnaire

Section 6 of the ASTM E1527-13 standard describes certain tasks required to be performed by the report User in order to qualify for landowner liability protections to CERCLA liability. To assist the report User to meet these requirements, and as recommended by the ASTM E1527-13 standard, a Questionnaire of inquiries (User Questionnaire) specified in 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31 has been provided to the original report User. The following is a summary of the User's response:

Question:	Yes/No:	Detail:
Environmental liens that are filed or recorded against the property: Did a search of recorded land title records identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	NR	Questionnaire provided to User. Question not answered by User.
Activity and use limitations that are in place on the property or that have been filed or recorded against the property: Did a search of recorded land title records (or judicial records where appropriate, identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	NR	Questionnaire provided to User. Question not answered by User.
Specialized knowledge or experience of the person seeking to qualify for the LLP: Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you	Yes	

Question:	Yes/No:	Detail:
would have specialized knowledge of the chemicals and processes used by this type of business?		
Relationship of the purchase price to the fair market value of the property if it were not contaminated: Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	NR	Questionnaire provided to User. Question not answered by User.
Commonly Known or Reasonably Ascertainable Information: Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,		
-Do you know the past uses of the property?	No	
-Do you know of specific chemicals that are present or were once present at the property?	No	
-Do you know of spills or other chemical releases that have taken place at the property?	No	
-Do you know of any environmental cleanups that have taken place at the property?	No	
The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation: Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	NR	Questionnaire provided to User. Question not answered by User.
Litigation/Administrative Proceedings/Government Notices As the User of this ESA, do you have knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.	No	Questionnaire provided to User. Question not answered by User.

NR-no response

3.3 Reason for Performing Phase I ESA

The User did not indicate the purpose of the assessment. Hillmann assumes that the Phase I ESA was being performed in order to qualify for landowner liability protection to CERCLA liability.

4.0 RECORDS REVIEW

4.1 Physical Setting Sources

The following physical setting sources were reviewed:

Source	Discussion
USGS 7.5 minute Topographic Map Data: (EDR Geocheck-Physical Setting Source Addendum)	The Property lies at an elevation of approximately 112 feet above mean sea level on the New York 7.5 Minute Series Topographic Quadrangle map. The terrain at the Property is generally flat with a regional trend that slopes slightly downward to the west. The closest down gradient waster body is the Hudson River approximately 1,900 away to the west.
USDA SCS Soil Data: (EDR Geocheck-Physical Setting Source Addendum)	The soil type at the Property is classified as "Udorthents". The Udorthents designation is characterized by a gravelly loam surface texture and is well drained with an intermediate water holding capacity.
Geologic Data: (EDR Geocheck-Physical Setting Source Addendum)	The Property is underlain by a stratified sequence of materials of the Paleozoic Era., Ordovician System and Middle Ordovician Series. The depth to bedrock is typically greater than 60 inches below ground surface.
Wetlands Data: (EDR Geocheck-Physical Setting Source Addendum)	The EDR Geocheck Physical Setting Source addendum depicted no state or federal (NWI) mapped wetlands at the Property.
Additional Sources/ Data:	NA
Groundwater Flow Discussion:	Based on a review of the above information as well as past subsurface investigations at the Property, the direction of shallow groundwater flow at the site is inferred to be generally from east to west.

4.2 Historical Use – Property and Adjoining Properties

Hillmann has conducted research in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the Property. Standard historical sources have been sought in an attempt to document the past uses of the Property as far back as it can be shown that the Property contained structures; or from the time the Property was first used for residential, agricultural, commercial, industrial or governmental purposes.

4.2.1 Fire Insurance Maps

Hillmann obtained a Certified Sanborn Map Report from EDR in order to research published historic fire insurance maps for the Property and surrounding area. A copy of the report is included in Appendix D. The following is a summary of site use information interpreted from a review of the report: The property is not shown in the 1984 Sanborn Map.

Year(s)	Description	
1887	**Property**	The Property is developed along Main Street in the southern portion and southwest along Bayeaux Street with various commercial stores and businesses. The central of the property is developed with pottery maker including a coal shed. The northern portion of the property is a developed with portions of the Poughkeepsie Gas Light company, a manufactured gas plant. An iron gas holder is depicted at the northeast corner of the site.

Year(s)	Description	
	Adjoining Properties	The adjoining properties are depicted with a school house to the north; developed residential dwellings and vacant building to the west; developed commercial businesses to the south including drugstore, grocery, butcher, carpeting and wall paper shop, and laundry facility; developed commercial businesses to the southeast, and portions of the Poughkeepsie Gas Light Company to the northeast.
1895	**Property**	The Property is depicted as developed with commercials business to the south along Main Street and southwestern portion along Bayeaux Street, in the central portion with a factory for stone, earthenware and piping; and the buried foundation of manufactured gas tank on the northern portion.
	Adjoining Properties	No significant changes.
1913	**Property**	The Property is depicted as developed in the southern portion along Main Street and southwestern portion along Bayeaux Street with commercial business. Central portion of the property along Bayeaux Street depicts a gas and electric store. The Poughkeepsie Gas Light Company is no longer depicted.
	Adjoining Properties	The adjoining property to the north of the site is depicted as a tenement. A gasometer labeled as "Not Used) is depicted in the northwest. No other significant changes.
1950	**Property**	Bayeaux Street is now named North Perry Street. The Property is depicted as developed in the southern portion along Main Street and southwestern portion along North Perry Street with commercial business. Central portion of the property along North Perry Street depicts a poultry market and vacant building. The northern portion of the property depicts a private garage for automobiles and "J. Schrauths Sons Inc." is labeled across the north portion.
	Adjoining Properties	The adjoining property to the north of the site is depicted as vacant and boarded up. A scrap metal yard is depicted adjoining to the northwest. No other significant changes.
1952	**Property**	The garage structure at the northern portion of the Property is now labeled as an ice cream distribution warehouse instead of a private garage. A buried gasoline tank is depicted adjacent to the southeast corner of the garage. No other significant changes.
	Adjoining Properties	No other significant changes.
1990	**Property**	The Property is depicted with the Admiral William F Halsey Senior village for housing at the southern end and the remaining portion of the site with no improvements.
	Adjoining Properties	The adjoining properties are depicted as developed with a parking lot to the southwest with commercial businesses and apartments, northwest and east adjoining depicts multifamily residential dwellings. The north adjoining property is depicted as a playground. The southern adjoining properties are depicted as vacant lots.

4.2.2 City Directories

Hillmann obtained an EDR City Directory Abstract report to review data of historic occupants of the Property's street address. The following is a generalized summary of the findings of City Directory Research for past occupants of the Property, indicating occupants and the years indicated by the listings.

Property	
Occupant(s)	**Appr. Date Range**
Residential and Commercial Listings (127-149 Main Street)	1942 - 1970
Self Service Laundry (145 Main Street)	1963
Disabled American Veterans	2000

Residential occupants of Admiral Williams F Halsey Senior Village (135 Main Street)	1980-1992, 2005-2014

Hillmann also reviewed the EDR City Directory Abstract report for listings of historic occupants of the adjoining properties. The following is a general summary of listings of historic adjoining property occupants:

Adjoining Properties		
Address(es)	**Historic Occupant(s)**	**Appr. Date Range**
130-150 Main Street	Various Residential and commercial listings including a motor vehicle bureau, funeral home, plumbing supply store	1942 – 1975
138-140 Main Street	Commercial listings including Irene Development Corp and River Valley Realty Corp, Peter J Liepmann MD LLC, & River Valley Care Center Inc	2000-2014
98-128 Main Street	Residential and Commercial listings including shoe repair, electronic store, restaurant, motor cycle repair shop, fruit market, linen supply company	1942 – 1980
110-116 Main Street	Various commercial listings including Ackerman Quinn Financial Services, Poughkeepsie Chamber of Commerce, Alternative Environmental Services, Marshall & Sterling Inc., etc.	1992-2014
113-125 Main Street	Residential and Commercial listings including a tavern, janitor supply	1942-1975
113-115 Main Street	Residential and Commercial listing including Milanese Restaurant	1975-2014
157 - 161 Main Street	Residential Listing	2010- 2014
12-42 North Perry Street	Residential listings	1942-2000

4.2.3 Historical Topographic Map Review

Due to the availability of alternate historic sources, as well as the likelihood that this source would not provide any significant data, historical topographic maps were not researched for this assessment.

4.2.4 Aerial Photograph Review

Due to the availability of alternate historic sources, as well as the likelihood that this source would not provide any significant data, historical topographic maps were not researched for this assessment.

4.2.5 EDR High-Risk Historical Records

The EDR Radius Map™ report, which will be discussed in greater detail in Section 4.3, provided a search of proprietary databases of potential historical high-risk uses at or in the vicinity of the Property. These databases include EDR Historic Cleaners – a database of property addresses with records of historical occupancy by suspected cleaners businesses; EDR Historic Auto – a database of property addresses with records of historical occupancy by potential automotive gas/filling stations and repair facilities; and EDR MGP- a database of sites historically occupied by manufactured gas plants and related facilities.

EDR Historic Cleaners	No on-site or adjoining listings identified.
EDR Historic Auto	No on-site or adjoining listings identified.

EDR MGP	The Property is listed as a former MGP from as early as 1887 through approximately 1911. Two additional MGP listings are identified within 1-mile search distance. One MGP site is located approximately 2,041 feet to the south-southwest of the Property. The second MGP site is located approximately 2,243 feet to the northwest of the Property.

4.2.6 Petroleum/Natural Gas Well Review

Hillmann reviewed the historical record sources for evidence of historic petroleum and/or natural gas wells at the Property. No record of any historical petroleum/natural gas wells at the Property was identified.

4.2.7 Additional Historical Data

No additional prior historical data was reviewed except for the prior Phase I ESA report discussed in Section 3.1.

4.2.8 Summary of Identified Historic Uses

The following table presents a summary of the types and approximate timeframes of identified prior uses of the Property:

Property	
Years (Approx.)	**Use**
1887 to 1913	Various commercial stores observed to the south of the property along Main street; Central portions of the property observed various commercial business; Northern portion of the property is observed with a manufactured gas plant.
1913 to 1952	Various commercial properties are observed in the south along Main Street. Central portions of the property is developed with commercial businesses, portions of a dairy and a vacant building; North portion of the property is developed with a private garage for automobiles.
Circa 1975 to Present	Senior Citizen Apartment Complex

The following table presents a summary of the types of identified prior uses of the adjoining properties:

Adjoining Properties	
Years (Approx.)	**Use**
1887 to present	Residential, commercial, and storage

4.2.9 Historical Records Data Failure

The ASTM E1527-13 standard defines data failure as a failure to achieve the ASTM specified historical research objectives after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. The objective is to identify all obvious uses of the property from the present, back to the property's first developed use, or back to 1940, whichever is earlier. Furthermore, records of historic use/conditions should be sought in intervals no less than approximately five years, unless the property conditions appear unchanged over a longer interval.

Objective	Met?	Detail	Significant Data Gap?
First developed use/date determined?	No	The earliest determined uses consisted of a mix of commercial stores/businesses and a manufactured gas plant in 1887.	No
Record sources at 5-year intervals back to 1940 or first developed use?	No	Historical record gaps exceeding five years were encountered. However, significant site-use changes or undiscovered site uses appear unlikely to have occurred during the record gaps.	No
All obvious prior uses identified?	Yes	See Section 4.2.8.	No

Please refer to Section 2.3 for additional discussion of data gaps and their significance to the findings of the assessment.

4.2.10 Historic Uses REC Discussion

The central and north portions of the property were occupied by portions of a manufactured gas plant, currently known as the CH – Bayeaux Street Poughkeepsie MGP, from approximately the mid-19th to early-20th century. As further described in Section 4.3.1, the former MGP site is listed on the database of New York State Superfund sites and has undergone previous subsurface investigations with NYSDEC oversight due to the potential for subsurface impacts from the historical gas manufacturing operations. According to the NYSDEC published information, following the completions of site investigation work in 1990 and 2006, no significant MGP waste material was found and a NFA status was granted by NYSDEC on March 12, 2007.

The northern half of the Property was occupied by portions of a dairy in the mid-20th century, which included a garage structure and adjoining buried gasoline storage tank depicted by a 1952 historical fire insurance map. The site was redeveloped into the current configuration in the 1970s. Subsurface testing at the Property has not identified by evidence of a petroleum release in the vicinity of the historical UST; however, the disposition of the historical gasoline tank was not determined.

4.3 Standard Environmental Record Sources

Hillmann obtained a regulatory database report, titled EDR Radius Map™ Report, from Environmental Data Resources of Shelton, CT. The report provided a search of standard environmental record sources in general accordance with the requirements of the ASTM E1527-13. Hillmann has reviewed the regulatory database report, and a summary of findings has been presented in the following tables and report sections. Hillmann has also reviewed the list of unmapped sites (a.k.a. "Orphan List" sites). Unmapped sites identified as falling within an applicable specific search distance or warranting discussion in the report, if any, have been included in the information presented below. Detailed descriptions of the meaning and significance of the regulatory databases can be found in the regulatory database report in Appendix E.

Regulatory Database	Search Distance	Property Listed?	Adj. Properties Listed?	Total Listings Within Search Distance
Fed. NPL/Proposed NPL	1-mile	No	No	1
Fed. Delisted NPL	½-mile	No	No	0
Fed. SEMS	½-mile	No	No	1
Fed. SEMS-ARCHIVE	½-mile	No	No	2
Fed. RCRA CORRACTS	1-mile	No	No	0
Fed. RCRA TSD	½-mile	No	No	0
Fed. RCRA LQG	Site & Adj.	No	No	
Fed. RCRA SQG	Site & Adj.	No	No	
Fed. RCRA CESQG	Site & Adj.	No	No	
Fed. ENG Control List	Site	No		
Fed. INST Control List	Site	No		
Fed. ERNS	Site	No		
State/Tribal Hazardous Waste Site	1-mile	No	No	4
State/Tribal Landfill/Solid Waste	½-mile	No	No	1
State/Tribal Leaking Storage Tanks	½-mile	No	No	24
State/Tribal Registered Storage Tanks	Site & Adj.	No	Yes	
State/Tribal Eng. Control List	Site	No		
State/Tribal Inst. Control List	Site	No		
State/Tribal Voluntary Cleanup Sites	½-mile	No	No	1
State/Tribal Brownfields	½-mile	No	No	3
Supplemental Regulatory Databases	Site & Adj.	No	Yes	

4.3.1 Property Listings

The following Property listings were identified:

- UST/AST – Admiral William F. Halsey Senior Village, 135 Main Street: According to the database, a 10,000-gallon #2 heating oil UST was installed in 1976 and with the status "closed – removed" in 1997. The AST listing indicated a 10,000-gallon #2 heating oil tank installed in 2008 with the status "In Service". No indication of reported spills were noted for either tank. Therefore, the UST/AST listings are not considered to be a REC in connection with the Property.

SHWS/NY HSWDS – CH - Bayeaux Street Poughkeepsie MGP, Main Street and North Perry Street: The HSWDS listing reflected information dated 2003 that the former Bayeaux Street MGP was listed as a potential hazardous waste disposal site. Although not listed by EDR on the SHWS database, a search of the NYSDEC Environmental Site Remediation database listed the former Bayeaux Street MGP (#314071) in the state superfund program with "C" (completed) classification. Further, the database details stated the following:

> *"Site was given a class of R. Decision was made on 3/12/07 to classify as N. Reclassified to C. This was the site of a small MGP on Main Street and North Perry Street in Poughkeepsie. A senior citizens housing development occupies the site today. The site is included in a multi-site Consent Order #D3-0134-89-05 1/12/90. A Site Assessment (PSA) was performed in 1990. No significant MGP waste material was found, and an NFA letter was sent on 03/12/07. As DER's experience with MGP sites grew, a few data gaps were identified in the original PSA. Central Hudson completed additional investigation work in 2006 to more completely cover the full footprint of the site with borings and test pits. The additional work confirmed the original conclusion that no significant MGP waste was present at the site. A letter stating this conclusion was issued on 03/12/07."*

Based on the database details discussed above, these listings are not considered to be a REC in connection with the Property.

4.3.2 Adjoining Property Listings

The following adjoining property listings were identified:

- NYSPILLS – NYSDOT Project, 133 Main Street, Spill number 9604735: Although mistakenly listed as adjoining by EDR, the listing is actually for a site located in Carroll (Chautauqua County) , New York and therefore is not a REC in connection with the Property.

- UST, NYSPILLS – River Care Nursing Home, 138-144 Main Street, Spill number 9714354: This site adjoins the Property to the south and is cross gradient based on area topography. The UST listing indicated a 1500-gallon #2 fuel oil UST was installed in 1998 and has been closed by removal. According to the NY Spills listing, contamination was discovered during the removal of a 275 gallon AST from the basement of a demolished building. The spill case was closed on March 26, 1998. Based on the description and regulatory statuses, these listings are not considered to be a REC in connection with the Property.

- NYSPILLS – 115 Main Street, Spill number 9202522: This site adjoins the Property to the west and is down gradient based on area topography. According to the database, an air eliminator truck malfunctioned causing an oil leak to the paved street. Driver applied Speedi-Dri® and confirmed cleanup, and the spill case was closed on June 2, 1992. Based on the description and regulatory status, this listing is not considered to be a REC in connection with the Property.

4.3.3 ASTM Search Distance Findings

The following is a summary of the findings of the regulatory database review with regard to sites identified as located within the ASTM specified search distance surrounding the Property. In order to keep this report informative and yet concise, Hillmann has provided a brief discussion of the listed site(s) for each database category that appears most likely to impact the Property based on

distance, topography and/or case status. A copy of the full regulatory database report, including available details of all listed sites, is included in Appendix E.

Note that listings for the following databases, if identified, would be discussed above in Sections 4.3.1 and 4.3.2: Registered Storage Tanks, Federal RCRA Generators, Federal and State INST and ENG Controls, ERNS.)

Federal NPL: One (1) NPL listing was identified within a one-mile radius of the Property. The listing named Hudson River PCBs, has no applicable street name and is located approximately 1,800 feet west of the Property and down gradient from the Property. The site is a 40-mile stretch of the Hudson River between Mechanicsville and Fort Edward. General Electric discharged an estimated 1 million pounds of PCBs into that stretch of water. The State has identified 40 hot spots with contaminated sediments greater than 50 parts per million. EPA has prepared a feasibility study and to evaluate alternative remedial actions under CERCLA. EPA approved funding for cleanup and two potential parties responsible for waste associated with this site have been notified. Based on the status, distance and nature of the site, this listing is not considered to be a REC in connection with the Property.

Federal Delisted NPL: No DNPL listings were identified within a ½-mile radius of the Property.

Federal SEMS (formerly CERCLIS): One (1) SEMS listings was identified within a ½-mile radius of the Property. The listing is named Hudson River PCBs. Please refer to the above section Federal NPL listing for description.

Federal SEMS-ARCHIVE (former CERC-NFRAP): Two (2) SEMS-ARCHIVE listings were identified within a ½-mile radius of the Property.

One site, Orchard Place (Qual Krom), 28 Orchard Place, is located approximately 2500-feet to the northeast and higher in elevation relative to the Property. The site was indicated as Removal Only Site (No Site Assessment Work Needed) and is not on the NPL. Based on the distance and status, this listing is not considered to be a REC in connection with the Property.

The other SEMS-Archive site, Bern Colors- 75 North Water Street, is located approximately 1,830 feet to the northwest and is lower in elevation relative to the Property. The site was indicated as Removal Only Site (No Site Assessment Work Needed) and is not on the NPL. Based on the distance and status, this listing is not considered to be a REC in connection with the Property.

Federal RCRA-CORRACTS: No CORRACTS listings were identified within a one-mile radius of the Property.

Federal RCRA-TSD: No TSD listings were identified within a ½-mile radius of the Property.

State/Tribal Hazardous Waste Sites: Four (4) SHWS listings were identified within a one-mile radius of the Property. The closest SHWS site, HRH Lead Abatement Site-55 Garden Street, is located approximately 1,954 feet to the east and up gradient of the Property. The site was listed due to lead abatement activities. Based on distance and nature of the site, this listing is not considered to be a REC in connection with the Property. Based on various factors including

distance, area topography and/or site status, none of the other SHWS listings are considered to be a REC for the Property.

State/Tribal Landfill/Solid Waste Disposal Sites: One SWF/LF listings was identified within a ½-mile radius of the Property. The site, G.F Refuse T.S-240 Main Street is located approximately 1,264 feet east-southeast and up gradient from the Property. Current description of the facility is an inactive/ retired transfer station. Based on the distance, description and inactive status, this listing is not considered to be a REC in connection with the Property.

State/Tribal Leaking Storage Tanks: Twenty-four (24) LTANKS listings were identified within a ½-mile radius of the Property. All 24 LTANKS sites within ½ mile were indicated to have closed case statuses. The closest LUST listing, Apt. Milanese-111 Main Street-spill number #9312029, is located approximately 225 feet to the west and downgradient of the Property. A tank test failure was reported on January 12, 1994 and the spill case was closed on January 19, 2004. Based on the closed spill case statuses, none of the 24 LTANKS sites identified by EDR within a ½ mile of the Property is considered to be a REC for the Property.

State/Tribal Voluntary Cleanup Sites: One (1) VCP listings was identified within a ½-mile radius of the Property. The site, CH-Water St. - Poughkeepsie MGP-North Water Street, is located approximately 2,128 feet to the northwest and down gradient of the Property. According to the database, the former MGP operated from 1911 to 1950, with contaminant of concern coal tar leaking from the storage vessels and piping and still present in the subsurface. Some tars continually to discharge into the Hudson River sporadically. Several environmental investigations indicated coal tar contains high levels of dissolved BTEX, PAH and metal compounds that has impacted the subsurface of the site, bedrock and Hudson River. Based on the active investigation, the flow of contamination towards the Hudson River, elevation and distance from the Property, this listing is not considered a REC in connection of the Property.

State/Tribal Brownfields: Four (4) BROWNFIELDS listings were identified within a ½-mile radius of the Property. The closest BROWNFIELDS site, Queen City Lofts, 178-182 Main Street, is located approximately 311 feet to the east-southeast and up gradient of the Property. According to the database, the site was used for various industrial, commercial and residential purposes including a machine shop and laundry facility from as early as 1887 until the mid-1980s. Contamination was identified during a subsurface investigation attributed to historic fill and two USTs. Contamination is documented to be contained within the site boundaries. Based on the subsurface investigation and no contamination leaching offsite, this listing is not considered to be a REC in connection with the Property. Based on various factors including distance, area topography and/or site status, none of the other BROWNFIELDS listings are considered to be a REC for the Property.

Review of the sites identified within the ASTM search parameters did not identify any nearby or surrounding area sites that are considered to be a REC in connection with the Property, unless as discussed otherwise previously in this section.

4.3.4 Tier I Vapor Encroachment Screening

Hillmann reviewed adjoining and vicinity database sites to identify potential off-site sources of sub-surface vapor encroachment. This review was based upon the current ASTM "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" (ASTM E 2600-15); and also utilizing the "Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources" (Buonicore, 2011-S-103-AWMA). Vicinity database sites pertaining to non-petroleum product releases within 1,760 feet of the Property in the up-gradient direction, 365 feet of the Property in the cross gradient direction and 100 feet of the Property in the down gradient direction; and vicinity database sites pertaining to petroleum product releases within 528 feet of the Property in the up-gradient direction, 165 feet of the Property in the cross gradient direction and 100 feet of the Property in the down gradient direction were reviewed to identify active contamination sites with the potential to affect subsurface vapor conditions at the subject property. The potential for vapor encroachment was considered in assessing whether or not a REC exists in connection with the Property when reviewing applicable sites within those distances.

Hillmann did not identify sites with active petroleum or non-petroleum releases within the search criteria specified in the preceding paragraph that are considered to be RECs due to a risk of vapor encroachment. Additional discussion, where applicable, has been provided in Sections 4.3.2 and 4.3.3.

4.4 Additional Environmental Record Sources

4.4.1 Supplemental Database Listings

Hillmann reviewed the regulatory database report for listings on supplemental databases that were searched in addition to the Standard Environmental Record Sources. Any property or adjoining property listings on such databases, if identified, would be discussed in Section 4.3.1 and 4.3.2. None of the other supplemental database listings identified by the regulatory database report are considered to be a REC in connection with the Property.

4.4.2 Local Agency & Internet Research

Hillmann has submitted requests to local and municipal agencies for pertinent records pertaining to the Property, particularly with regard to potential environmental concerns such as petroleum storage tanks, storage and usage of hazardous substances and petroleum products, and/or known or suspected environmental contamination. Hillmann also conducted online research of government environmental regulatory databases where available, as well as a general cursory internet search of the Property address, for information indicative of a REC. The following table summarizes the findings of the research:

Source	Type of Request	Outcome
City of Poughkeepsie	FOI	A response was received indicating building department records were available however as of the date of this report no records have been received.
Dutchess County	FOI	A response was received indicating no records were found.

Source	Type of Request	Outcome
New York State Department of Environmental Conservation	FOI	A response was received indicating no records were found.
USEPA Envirofacts search http://www.epa.gov/enviro/index.html	Internet Search	The Property addresses were searched. No information indicative of a REC was identified.
www.google.com	Internet Search	The Property addresses were searched. No information indicative of a REC was identified.
Other:		

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

The site reconnaissance consisted of visual and/or physical observations of the Property and improvements, adjoining properties as viewed from the Property boundaries and the surrounding area based on visual observations from adjoining public thoroughfares. Building exteriors were observed at ground level, unless otherwise indicated. Where applicable, Hillmann accessed and observed representative areas of building interiors to the extent they were made safely accessible with the cooperation of the site escort.

Site Inspection Personnel:	Mr. Ryan K Powell
Property Escort/Company:	Mr. Robert Poppo
Inspection Date:	March 20, 2019
Weather Conditions:	Clear, 50 degrees F

5.1.1 Significant Inaccessible Areas

Hillmann is not aware of any significant areas of the Property that were inaccessible at the time of the inspection.

5.2 General Site Setting

5.2.1 Site and Vicinity Characteristics

The Property is approximately 2.20-acre in size and located on the north side of Main Street and east of North Perry Street. The site is east of North Perry Street and west of North Bridge Street. The lot is improved with an existing 13 story senior apartment building in the southern portion of the property with landscaped area to the north.

5.2.2 Topographic Characteristics

The terrain of the Property appeared to be relatively flat. No natural surface water bodies were noted at the Property.

5.2.3 General Description of Structures

A 13-story senior apartment building is located on the southern portion of the property. Several additional outbuildings were observed on the property including two storage sheds, gazebo, and brick enclosure that houses a 10,000 gallon capacity heating oil AST.

5.2.4 Sources of Heating and Cooling

The Property is heated by a two natural gas-fired boiler system located in the sub-basement. Ground floor of building utilized forced air for heating and cooling. Upper floors containing apartments

utilize baseboard heat. Cooling for upper floor apartments are provided by mobile/window air conditioning units.

5.2.5 Potable Water Source/Sewage Disposal System

The Property is currently serviced by water or sewer by the City of Poughkeepsie.

5.2.6 Current Use(s) of the Property

The Property is currently utilized as a senior housing complex.

5.2.7 Past Use(s) of the Property

No obvious indication of past Property usage likely to have involved the use, treatment, storage, disposal or generation of hazardous substances or petroleum products was observed at the time of the site visit. Please refer to Section 4.2 for findings of historical site use research.

5.2.8 Current Use(s) of the Adjoining Properties

The following table describes the current uses of the adjoining properties:

Dir	Street Address	Description
N	31-35 North Perry Street	City Park
NW	20 North Perry Street	Apartment Complex (Residential Multifamily)
W	115 Main Street	Milanese Restaurant w/ asphalt parking lot
SW	110 Main Street	Marshall & Sterling Insurance
S	140 Main Street	The Grand Rehabilitation & Nursing at River Valley
E	20 North Bridge Street	Bridge Park Apartments (Residential Multifamily)

No visual observations indicative of a potential environmental concern were noted on the adjoining properties.

5.2.9 Past Use(s) of the Adjoining Properties

No indication of past uses of the adjoining properties was noted at the time of the site visit. Please refer to Section 4.2 for the findings of historical site use research.

5.2.10 Current/Past Uses of Surrounding Area

The vicinity of the Property consists primarily of residential and commercial. No indications of past Property uses that differ substantially from current conditions were observed at the time of the site visit.

5.3 Interior & Exterior Observations

5.3.1 Storage/Usage of Hazardous Substances and Petroleum Products

The following hazardous substances and petroleum products were observed to be stored and used by property occupants:

Occupant	Substance	Qty/Container Type	Storage Conditions
Admiral Wm. F Halsey Apts	No. 2 Fuel Oil	10,000 gallon AST	Inside an enclosure with roof

5.3.2 Drums

No drums were observed at the Property.

5.3.3 Unidentified Substance Containers

No unidentified containers suspected of containing hazardous substances or petroleum products were noted on the Property.

5.3.4 Other Hazardous Substances/Petroleum Products

No other containers of hazardous substances or petroleum products were noted on the Property at the time of the site visit.

5.3.5 Bulk Petroleum/Hazardous Material Storage Tanks

The following storage tanks for bulk petroleum or hazardous material storage were identified or reported to be present; or are suspected to be present based on visual observations:

AST/ UST	Product	Capacity	Construction	Year Installed	Status	Location/Notes
AST	No. 2 Fuel Oil	10,000 gal	Steel	2008	Good	Within sheltered enclosure; no evidence of a release was observed.
UST	No. 2 Fuel Oil	10,000 gal	Steel	1976	Closed in place	UST decommissioned in 1997; see UST closure report discussion in Section 3.1

Hillmann notes that the potential presence of abandoned USTs and/or associated buried piping at the Property cannot be ruled out. A 1952 Sanborn fire insurance map depicted a buried gasoline on the northeastern portion of the Property. The site was redeveloped into the current configuration in the 1970s. While subsurface testing at the Property has not identified by evidence of a petroleum release in the vicinity of the historical UST, the disposition of the historical gasoline tank was not determined.

5.3.6 PCBs in Electrical/Hydraulic Equipment

Hydraulic fluid is used inside the garbage compactor in the garbage compactor room. Based on the

age of the construction, the original equipment may have utilized fluids containing PCBs. No evidence of a significant release was identified.

5.3.7 Odors

No strong, unusual or pungent odors were noted on the Property.

5.3.8 Pools of Liquid

No standing water or pools of liquid likely to contain hazardous substances or petroleum products were noted at the Property.

5.3.9 Interior Stains or Corrosion

No interior stains or corrosion due to hazardous substance/petroleum products spills/releases were observed.

5.3.10 Interior Drains/Sumps

No floor drains or sump pits were noted at the Property other than for storm water or sewage management.

5.3.11 Exterior Pits/Ponds/Lagoons

No evidence of exterior pits, ponds or lagoons was identified on the Property in connection with waste treatment or disposal.

5.3.12 Stained Soil, Pavement/Stressed Vegetation

No stained soil, pavement or stressed vegetation was observed at the Property.

5.3.13 On-Site Solid Waste Disposal/Fill Material

No evidence of on-site solid waste dumping was noted at the Property.

5.3.14 Wastewater

Storm water runoff generated on-site is discharged into the municipal sewer system. No other waste discharges were noted at the Property.

5.3.15 Septic Systems

No indication of a septic system was noted on the Property.

5.3.16 Wells

No indication of a well was noted on the Property.

5.3.17 Railroad Spurs

No railroad spurs were noted on the Property at the time of the assessment.

6.0 INTERVIEWS

6.1 Interviews with Past and Present Owners and Occupants

Subject	Name/Affiliation	Summary
Property Owner / Representative	Omni / Elizabeth Moronta Robert Poppo-porter	Hillmann forwarded an environmental questionnaire to be completed by a representative of the Property. A response was not received prior to report completion. Mr. Poppo was interviewed during the site reconnaissance. In addition, Omni provided several prior environmental report and related documentation, which were previously discussed in Section 3.1.
Property Occupants	Not applicable	The Property was fully occupied with tenants and building workers.
Past Owners, Occupants, Operators	Not applicable	Past owners/occupants of the Property were not available for interview at the time of the assessment.
Owners/Occupants of Adjoining or Nearby Properties	Not applicable	Occupants of adjoining nearby properties were not available for interview during the time of the assessment.

6.2 Interviews with State and/or Local Government Officials

Written and on-line requests for environmental records of the Property from State and Local governmental agencies are detailed in Section 4.4.2.

7.0 BUSINESS ENVIRONMENTAL RISKS

In accordance with the contract agreement for this assessment, Hillmann has performed cursory reviews of several potential Business Environmental Risks (also known as "Non-Scope Considerations"). The ASTM E1527-13 standard defines the term business environmental risk (BER) as, *"a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice."*

7.1 Asbestos-Containing Material (ACM)

The contracted scope of work included a cursory visual screening of the accessed portions of buildings at the Property built prior to 1990 for suspect asbestos containing materials (ACM). The information provided in this section, where applicable, is limited to identification of potential suspect materials and their general condition. This is not intended to be a comprehensive survey for the presence of ACM, and no testing has been conducted.

Suspect ACM observed at the site included floor tile and associated mastics, roofing materials, cover base and associated mastic, gypsum wallboard systems, suspended ceiling panels and thermal systems insulation.

Hillmann was provided with a copy of a prior asbestos survey report titled Asbestos Inspection Survey, Admiral Halsey Senior Housing Complex-135 Main Street, Poughkeepsie, NY; by Environmental Health Investigations, dated May 30, 2007. The survey was indicated to be non-intrusive. Fifty-six samples were collected for asbestos analysis. Identified ACM materials included roofing materials (assumed), floor tile and associated mastic, boiler flue insulation, rope-like boiler gasket and caulking/insulation.

7.2 Lead-Based Paint (LBP)

The contracted scope of work included a cursory visual screening of the condition of painted surfaces in the accessed areas of residential buildings/units built prior to 1980. In general, painted surfaces within the apartment units and common areas was observed to be in good overall condition.

Hillmann was provided with a copy of a prior lead paint screening report titled Lead Paint Screening; by Environmental Health Investigations, dated October 9, 2007. See below for the conclusions from the Lead Paint Screening report prepared by EHI:

> *"Based on the results of the screening, no tested paint surfaces were found to contain lead paint. However, many of the wall tiles in the bathrooms throughout the facility tested positive for lead. The wall tiles are not considered a lead painted surface but do contain levels of lead in them greater than or equal to 1.0 mg/cm2. Contractors performing any renovation or demolition activities that will impact the wall tiles creating dust and debris should consult the Operations and Maintenance Plan to determine work practices and proper personal protective equipment."*

7.3 Radon

Based on information obtained from data obtained by the US EPA, the Property is located in an area designated by the USEPA with a high potential for radon concentrations that exceed current USEPA action guidelines. Dutchess County is classified as a Zone 1 or 'high risk' area for radon.

Hillmann was provided with a copy of a prior radon testing report titled Radon Testing; by Environmental Health Investigations, dated September 8, 2008. The main office, community room, and boiler room were the sample locations for the radon test. See below for the conclusions from the Lead Paint Screening report prepared by EHI:

> *"The US EPA has set an action level of 4.0 pico Curies per Liter (pCi/L) for a residence. The tests conducted at the Admiral Halsey are all well below the action level. The US EPA maintains a radon information website which includes copies of all publications, at www.epa.gov/iaq/radon."*

7.4 Mold/Microbial Damage

A limited cursory visual screening for evidence of significant damage to building materials and finishes as result of moisture intrusion was conducted during the ESA. No mold/microbial growth was not observed.

7.5 Wetlands

The EDR Geocheck Physical Setting Source addendum depicted no state or federal (NWI) mapped wetlands on the Property.

8.0 REFERENCES

ASTM E1527-13-Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process; ASTM International, 2013

ASTM E12600-15-Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transaction, ASTM International, 2015

EDR Radius Map Report with GeoCheck™, Environmental Data Resources, 2019

EDR City Directory Abstract Report, Environmental Data Resources, 2019

EDR Sanborn Map Report, Environmental Data Resources, 2019

Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources; A. Buonicore, 2011

9.0 APPENDICES

Appendix A	Site Diagram / Vicinity Map
Appendix B	Site Photographs
Appendix C	Questionnaires / User Provided Information
Appendix D	Historical Records Documentation
Appendix E	Regulatory Records Documentation
Appendix F	Other Documents
Appendix G	Project Personnel Qualifications

HILLMANN
CONSULTING

April 8, 2019

Ms. Elizabeth Moronta
Omni New York LLC
909 Third Avenue, 21st Floor
New York, NY 10022

Re: Phase II Subsurface Investigation Report
135 Main Street
Poughkeepsie, NY
Hillmann Project #G6-2423

Dear Ms. Moronta:

As requested, Hillmann Consulting, LLC (Hillmann) conducted a Phase II Subsurface Investigation at 135 Main Street, Poughkeepsie, New York. Based on a previous Phase I Environmental Site Assessment (ESA) completed April 2019, several Controlled Recognized Environmental Conditions (CRECs) were noted at the Property from past investigations and findings including past subsurface investigation and analysis conducted by Hillmann in 2007. The investigation identified semi-volatile organic compounds (SVOCs) and metals in soil and groundwater but was attributed to historic urban material. Historic property use at the Property includes a mid-19 century to early 20th century manufactured gas plant and use of a underground storage tank (UST) for gasoline depicted in a 1952 fire insurance map. A 10,000 gallon underground storage tank (UST) also exists at the Property rear of the current building has been closed in place in 1997.

In addition to the CRECs noted at the Property, the rear landscaped portion of the Property is slated for construction activities. No current RECs were identified in the ESA. This Phase II Investigation was conducted to further assess whether the subsurface soil and groundwater was impacted from historic Property use and excavation and dewatering purposes. This Phase II Subsurface Investigation Report presents the findings and recommendations associated with the investigative activities conducted by Hillmann.

FIELD ACTIVITIES (MARCH 20, 2019)

Hand auguring and direct push technology (i.e. Geoprobe®) was used to advance eight borings, SB1 through SB8, in potential areas of concern indicated by the Phase I ESA and to classify soil in planned redevelopment activities. Hand auguring was completed from ground surface to 2 feet below ground surface (bgs) with the drilling completing the remainder of the borings. Borings depths were advanced between 6-10 feet bgs. Boring refusal and bedrock was not encountered.

All recovered soil was field screened using visual and olfactory senses as well as a photoionization detector (PID). Soil stratigraphy consisted of mainly fill material in all soil borings; extending from below ground surface to boring termination. A total of eight soil samples were collected with one sample collected per

boring. Field screening of boring of SB1 indicated a mild petroleum odor and soil staining at the 9-10 foot bgs interval with a PID reading at 10.9ppm. Soil boring logs are included on the attached Table 3.

Groundwater was observed in each boring at various depths ranging from 3-5 feet bgs. Three borings (SB1, SB3 and SB8) were converted to temporary well points (TWP) for collection of groundwater. TWP construction consisted of slotted ¾ inch diameter PVC well pipe inserted into the designated boring with the top approximately 1 foot above the ground surface. Prior to purging, static groundwater levels were measured in these areas prior to collection and depth to water ranged from 6.23 - 6.75 bgs. A peristaltic pump with dedicated tubing was utilized to purge groundwater for collection.

Soil and groundwater samples were placed in laboratory approved containers and kept cool during transport to a New York certified laboratory under chain of custody protocol. Samples were analyzed for the Target Analyte List/Target Compound List (TAL/TCL+30) which includes: Volatile Organic Compounds (VOCs) by EPA method 8260 and Semi-Volatile Organic Compounds (SVOCs) by EPA method 8270, pesticides and polychlorinated biphenyls (PCBs) by EPA method 8081 and 8082 and TAL metals by EPA method 6010.

All sampling locations are shown on the attached Figure 1.

RESULTS

The soil and groundwater samples were compared to the applicable New York State Department of Environmental Conservation's (NYSDEC) Soil Cleanup Objectives (SCOs) for Unrestricted Use (UU) and Restricted-Residential Use (RRU) and Technical & Operational Guidance Series (TOGS) Groundwater Quality Standards (GQS); respectively.

Laboratory results indicated exceedances of VO compound Acetone in soil samples S-5 (0.076 mg/kg) and S-7 (0.6 mg/kg) above the UUSCO standards but below RRUSCO. Three pesticides were in exceedance above the UUSCO but below the RRUSCO in sample S-5 including 4,4'-DDE (0.121 mg/kg), 4,4'-DDT (0.256 mg/kg), and Dieldrin (0.00547 mg/kg).

Metal compound arsenic was detected in exceedance of both UUSCO and RRUSCO in four samples: S-2 (61 mg/kg), S-3 (57.2 mg/kg), S-4 (16.8 mg/kg) and S-6 (21.1 mg/kg). Arsenic was also in exceedance of the UUSCO but below the RRUSCO in sample S-8 (14.1 mg/kg).

Metal compound Copper was identified in soil sample S-6 (53.3 mg/kg), Lead identified in soil sample S-5 (159 mg/kg), and Zinc identified in soil samples S-4 (152 mg/kg) and S-5 (208 mg/kg): all detections were above the UUSCO but below the RRUSCO.

The results of all other analyzed compounds were detected or below the applicable NYSDEC SCOs.

The groundwater samples were compared to the NYSDEC GQS. Several Polycyclic Aromatic Hydrocarbons (PAHs) compounds in samples TWP-1 and TWP-3 and VO compounds in sample TWP-1 were detected in exceedance of the GQS.

TWP-1 PAH compounds in exceedance of the applicable GQS include Benzo(a)anthracene (38 µg/L); Benzo(a)pyrene (29 µg/L); Benzo(b)fluoranthene (22 µg/L); Benzo(k)fluoranthene (23 µg/L), Chrysene (27 µg/L), Fluoranthene (68 µg/L) , and Indeno(1,2,3-cd)pyrene (17 µg/L), Naphthalene (150 µg/L) and Pyrene (58 µg/L). Analyzed VOCs in this location also indicated exceedances above the GQS including 1,2,4-Trimethylbenzene (16 µg/L), 1,3,5-Trimethylbenzene (6.6 µg/L), Benzene (2.7 µg/L), Naphthalene (480 µg/L), o-Xylene (11µg/L), and p/m Xylene (29 µg/L) .

TWP-3 PAH compounds in exceedance of the GWS include Benzo(a)anthracene (2.9 µg/L); Benzo(a)pyrene (3.2 µg/L); Benzo(b)fluoranthene (2.7 µg/L); Benzo(k)fluoranthene (2.6 µg/L), Chrysene (2.8 µg/L), and Indeno(1,2,3-cd)pyrene (2.1 µg/L).

Several metal compounds were detected in exceedance of the GQS in samples TWP-1 and TWP-8. Cyanide was identified in sample TWP-3 (547 µg/L) above the GQS.

A summary of the groundwater results is included as Table 2. Full laboratory data package for both soil and groundwater is including soil as Attachment A.

CONCLUSIONS AND RECOMMEDATIONS

Laboratory results indicated various exceedances of the Unrestricted Use Soil Cleanup Level but not the Restricted-Residential Soil Cleanup Level. The various detections are suspected as attributed to the historic fill material located on the Property. Arsenic that was the only compound in soil detected above the RRUSCO in several soil samples. The Arsenic detections are suspected as attributed to historic property use as a manufactured gas plant or historic fill material.

During site redevelopment activities, all soil slated for removal off-site should be disposed of in accordance with federal, state and local regulations.

The metals exceedances detected in groundwater are suspected as attributed to turbidity/particulates suspended in groundwater associated with temporary well point installation and not dissolved groundwater contamination. Several of the detected metals including Sodium, Selenium, Magnesium, Beryllium, Silver, and Nickel, are typically naturally occurring/background conditions.

Groundwater results from sample TWP-1 indicated VOC and PAH compounds in exceedance of the GQS. These compounds are indicative of possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring.

During site redevelopment activities, groundwater dewatering, if needed, should be performed in accordance with all federal, state and local regulations.

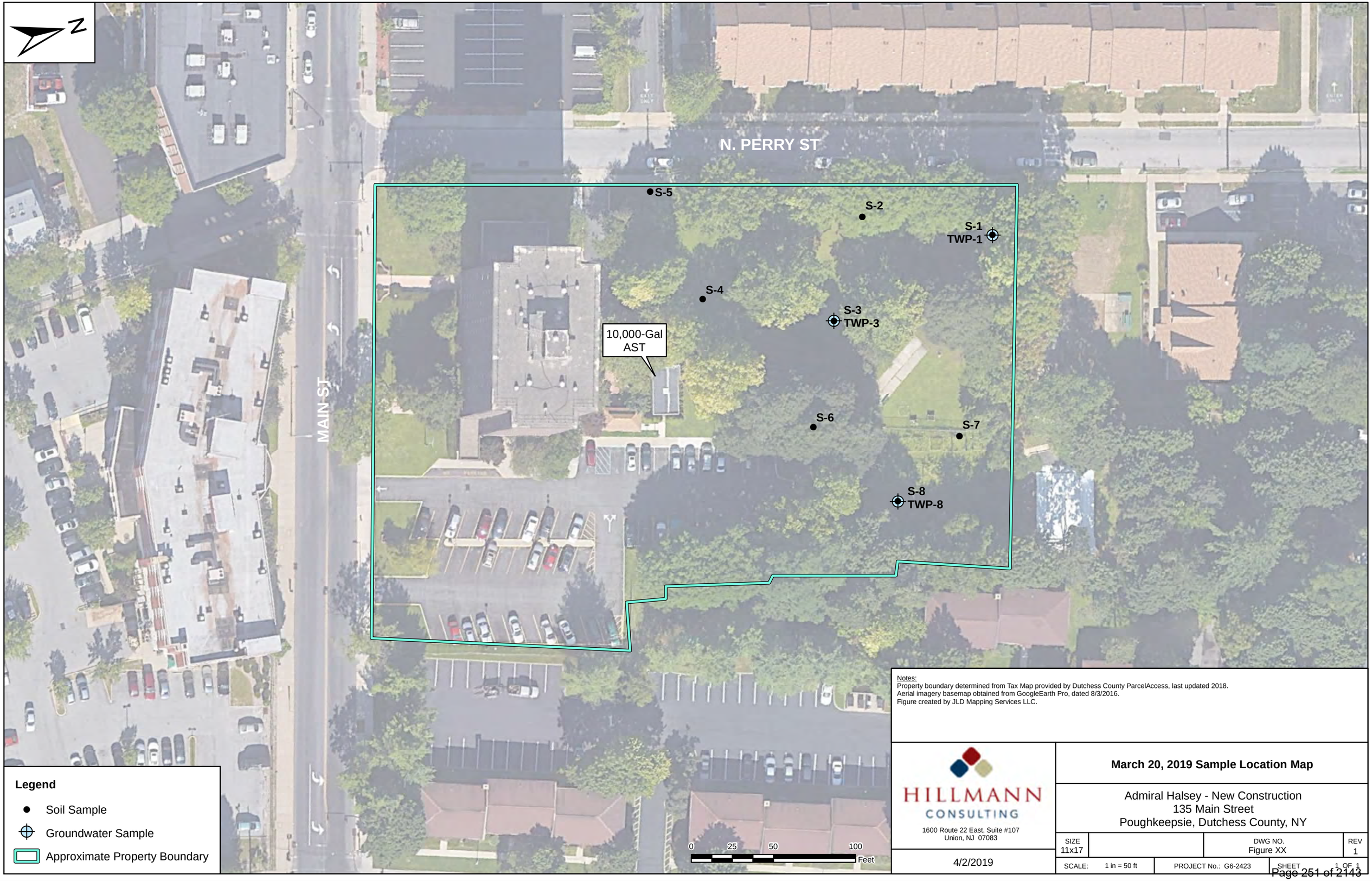
We thank you for the opportunity to provide you with our services. If you have any questions or comments, please feel free to contact us at any time.

Sincerely,

Hillmann Consulting, LLC

Ryan K. Powell, P.G.
Environmental Scientist

Chris Hirschmann, CHMM
Director, Environmental Services



Notes:
Property boundary determined from Tax Map provided by Dutchess County ParcelAccess, last updated 2018.
Aerial imagery basemap obtained from GoogleEarth Pro, dated 8/3/2016.
Figure created by JLD Mapping Services LLC.

HILLMANN CONSULTING
1600 Route 22 East, Suite #107
Union, NJ 07083

4/2/2019

March 20, 2019 Sample Location Map

Admiral Halsey - New Construction
135 Main Street
Poughkeepsie, Dutchess County, NY

SIZE		DWG NO.	REV
11x17		Figure XX	1
SCALE: 1 in = 50 ft	PROJECT No.: G6-2423	SHEET	1 OF 1

Table 1 - Soil Results - VOCs
135 Main Street
Poughkeepsie, New York

Hillmann Consulting, LLC
Project #: G6-2423

Sample Date: 03/20/2019

Target Compounds	Track 1 NYSDEC Unrestricted Use SCO	Track 2 NYSDEC Restricted Residential SCO	S-1 Sample Depth: 5.0-6.0'				S-2 Sample Depth: 5.0-6.0'				S-3 Sample Depth: 5.0-6.0'				S-4 Sample Depth: 5.0-6.0'				S-5 Sample Depth: 5.0-6.0'				S-6 Sample Depth: 5.0-6.0'				S-7 Sample Depth: 3.0-4.0'				S-8 Sample Depth: 5.0-6.0'			
Volatiles (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,1,1,2-Tetrachloroethane	NS	NS	ND		0.00043	0.00011	ND		0.00049	0.00013	ND		0.00066	0.00017	ND		0.0006	0.00016	ND		0.00057	0.00015	ND		0.00051	0.00013	ND		0.025	0.0065	ND		0.00053	0.00014
1,1,1-Trichloroethane	0.68	100	ND		0.00043	0.00014	ND		0.00049	0.00016	ND		0.00066	0.00022	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00051	0.00017	ND		0.025	0.0083	ND		0.00053	0.00018
1,1,2,2-Tetrachloroethane	NS	NS	ND		0.00043	0.00014	ND		0.00049	0.00016	ND		0.00066	0.00022	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00051	0.00017	ND		0.025	0.0082	ND		0.00053	0.00018
1,1,2-Trichloroethane	NS	NS	ND		0.00086	0.00023	ND		0.00098	0.00026	ND		0.0013	0.00035	ND		0.0012	0.00032	ND		0.0011	0.00031	ND		0.001	0.00027	ND		0.05	0.013	ND		0.0011	0.00028
1,1-Dichloroethane	0.27	26	ND		0.00086	0.00012	ND		0.00098	0.00014	ND		0.0013	0.00019	ND		0.0012	0.00017	ND		0.0011	0.00017	ND		0.001	0.00015	ND		0.05	0.0072	ND		0.0011	0.00015
1,1-Dichloroethene	0.33	100	ND		0.00086	0.0002	ND		0.00098	0.00023	ND		0.0013	0.00031	ND		0.0012	0.00028	ND		0.0011	0.00027	ND		0.001	0.00024	ND		0.05	0.012	ND		0.0011	0.00025
1,1-Dichloropropene	NS	NS	ND		0.00043	0.00014	ND		0.00049	0.00016	ND		0.00066	0.00021	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00051	0.00016	ND		0.025	0.0079	ND		0.00053	0.00017
1,2,3-Trichlorobenzene	NS	NS	ND		0.0017	0.00028	ND		0.002	0.00032	ND		0.0026	0.00042	ND		0.0024	0.00038	ND		0.0023	0.00037	ND		0.002	0.00033	ND		0.099	0.016	ND		0.0021	0.00034
1,2,3-Trichloropropane	NS	NS	ND		0.0017	0.00011	ND		0.002	0.00012	ND		0.0026	0.00017	ND		0.0024	0.00015	ND		0.0023	0.00014	ND		0.002	0.00013	ND		0.099	0.0063	ND		0.0021	0.00014
1,2,4,5-Tetramethylbenzene	NS	NS	0.00016	J	0.0017	0.00016	ND		0.002	0.00019	ND		0.0026	0.00025	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.002	0.00019	0.012	J	0.099	0.0094	ND		0.0021	0.0002
1,2,4-Trichlorobenzene	NS	NS	ND		0.0017	0.00023	ND		0.002	0.00027	ND		0.0026	0.00036	ND		0.0024	0.00032	ND		0.0023	0.00031	ND		0.002	0.00028	ND		0.099	0.013	ND		0.0021	0.00029
1,2,4-Trimethylbenzene	3.6	52	0.00048	J	0.0017	0.00029	ND		0.002	0.00033	ND		0.0026	0.00044	ND		0.0024	0.0004	ND		0.0023	0.00038	ND		0.002	0.00034	0.04	J	0.099	0.016	ND		0.0021	0.00036
1,2-Dibromo-3-chloropropane	NS	NS	ND		0.0026	0.00086	ND		0.0029	0.00098	ND		0.0039	0.0013	ND		0.0036	0.0012	ND		0.0034	0.0011	ND		0.003	0.001	ND		0.15	0.049	ND		0.0032	0.0011
1,2-Dibromoethane	NS	NS	ND		0.00086	0.00024	ND		0.00098	0.00027	ND		0.0013	0.00037	ND		0.0012	0.00033	ND		0.0011	0.00032	ND		0.001	0.00028	ND		0.05	0.014	ND		0.0011	0.0003
1,2-Dichlorobenzene	1.1	100	ND		0.0017	0.00012	ND		0.002	0.00014	ND		0.0026	0.00019	ND		0.0024	0.00017	ND		0.0023	0.00016	ND		0.002	0.00014	ND		0.099	0.0071	ND		0.0021	0.00015
1,2-Dichloroethane	0.02	3.1	ND		0.00086	0.00022	ND		0.00098	0.00025	ND		0.0013	0.00034	ND		0.0012	0.00031	ND		0.0011	0.0003	ND		0.001	0.00026	ND		0.05	0.013	ND		0.0011	0.00027
1,2-Dichloroethene, Total	NS	NS	ND		0.00086	0.00012	ND		0.00098	0.00013	ND		0.0013	0.00018	ND		0.0012	0.00016	ND		0.0011	0.00016	ND		0.001	0.00014	ND		0.05	0.0068	ND		0.0011	0.00014
1,2-Dichloropropane	NS	NS	ND		0.00086	0.00011	ND		0.00098	0.00012	ND		0.0013	0.00016	ND		0.0012	0.00015	ND		0.0011	0.00014	ND		0.001	0.00013	ND		0.05	0.0062	ND		0.0011	0.00013
1,3,5-Trimethylbenzene	8.4	52	ND		0.0017	0.00016	ND		0.002	0.00019	ND		0.0026	0.00025	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.002	0.0002	ND		0.099	0.0096	ND		0.0021	0.0002
1,3-Dichlorobenzene	2.4	49	ND		0.0017	0.00013	ND		0.002	0.00014	ND		0.0026	0.00019	ND		0.0024	0.00018	ND		0.0023	0.00017	ND		0.002	0.00015	ND		0.099	0.0073	ND		0.0021	0.00016
1,3-Dichloropropane	NS	NS	ND		0.0017	0.00014	ND		0.002	0.00016	ND		0.0026	0.00022	ND		0.0024	0.0002	ND		0.0023	0.00019	ND		0.002	0.00017	ND		0.099	0.0083	ND		0.0021	0.00018
1,3-Dichloropropene, Total	NS	NS	ND		0.00043	0.00014	ND		0.00049	0.00015	ND		0.00066	0.00021	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00051	0.00016	ND		0.025	0.0078	ND		0.00053	0.00017
1,4-Dichlorobenzene	1.8	13	ND		0.0017	0.00015	ND		0.002	0.00017	ND		0.0026	0.00022	ND		0.0024	0.0002	ND		0.0023	0.0002	ND		0.002	0.00017	ND		0.099	0.0085	ND		0.0021	0.00018
1,4-Dioxane	0.1	13	ND		0.069	0.03	ND		0.078	0.034	ND		0.1	0.046	ND		0.096	0.042	ND		0.092	0.04	ND		0.081	0.036	ND		4	1.7	ND		0.085	0.037
2,2-Dichloropropane	NS	NS	ND		0.0017	0.00017	ND		0.002	0.0002	ND		0.0026	0.00026	ND		0.0024	0.00024	ND		0.0023	0.00023	ND		0.002	0.0002	ND		0.099	0.01	ND		0.0021	0.00022
2-Butanone	0.12	100	ND		0.0086	0.0019	ND		0.0098	0.0022	ND		0.013	0.0029	ND		0.012	0.0026	ND		0.011	0.0026	ND		0.01	0.0022	ND		0.5	0.11	ND		0.011	0.0024
2-Hexanone	NS	NS	ND		0.0086	0.001	ND		0.0098	0.0012	ND		0.013	0.0015	ND		0.012	0.0014	ND		0.011	0.0014	ND		0.01	0.0012	ND		0.5	0.058	ND		0.011	0.0012
4-Methyl-2-pentanone	NS	NS	ND		0.0086	0.0011	ND		0.0098	0.0012	ND		0.013	0.0017	ND		0.012	0.0015	ND		0.011	0.0015	ND		0.01	0.0013	ND		0.5	0.063	ND		0.011	0.0014
Acetone	0.05	100	0.0067	J	0.0086	0.0041	ND		0.0098	0.0047	0.013		0.013	0.0063	0.012		0.012	0.0057	**0.076**		0.011	0.0055	0.0056	J	0.01	0.0049	**0.6**		0.5	0.24	ND		0.011	0.0051
Acrylonitrile	NS	NS	ND		0.0034	0.00099	ND		0.0039	0.0011	ND		0.0052	0.0015	ND		0.0048	0.0014	ND		0.0046	0.0013	ND		0.004	0.0012	ND		0.2	0.057	ND		0.0043	0.0012
Benzene	0.06	4.8	0.00016	J	0.00043	0.00014	ND		0.00049	0.00016	ND		0.00066	0.00022	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00051	0.00017	0.053		0.025	0.0082	0.0008		0.00053	0.00018
Bromobenzene	NS	NS	ND		0.0017	0.00012	ND		0.002	0.00014	ND		0.0026	0.00019	ND		0.0024	0.00017	ND		0.0023	0.00017	ND		0.002	0.00015	ND		0.099	0.0072	ND		0.0021	0.00015
Bromochloromethane	NS	NS	ND		0.0017	0.00018	ND		0.002	0.0002	ND		0.0026	0.00027	ND		0.0024	0.00024	ND		0.0023	0.00024	ND		0.002	0.00021	ND		0.099	0.01	ND		0.0021	0.00022
Bromodichloromethane	NS	NS	ND		0.00043	0.00009	ND		0.00049	0.00011	ND		0.00066	0.00014	ND		0.0006	0.00013	ND		0.00057	0.00012	ND		0.00051	0.00011	ND		0.025	0.0054	ND		0.00053	0.00012
Bromoform	NS	NS	ND		0.0034	0.00021	ND		0.0039	0.00024	ND		0.0052	0.00032	ND		0.0048	0.00029	ND		0.0046	0.00028	ND		0.004	0.00025	ND		0.2	0.012	ND		0.0043	0.00026
Bromomethane	NS	NS	ND		0.0017	0.0005	ND		0.002	0.00057	ND		0.0026	0.00076	ND		0.0024	0.00069	ND		0.0023	0.00067	ND		0.002	0.00059	ND		0.099	0.029	ND		0.0021	0.00062
Carbon disulfide	NS	NS	ND		0.0086	0.0039	ND		0.0098	0.0045	ND		0.013	0.006	ND		0.012	0.0054	ND		0.011	0.0052	ND		0.01	0.0046	ND		0.5	0.22	ND		0.011	0.0048
Carbon tetrachloride	0.76	2.4	ND		0.00086	0.0002	ND		0.00098	0.00022	ND		0.0013	0.0003	ND		0.0012	0.00027	ND		0.0011	0.00026	ND		0.001	0.00023	ND		0.05	0.011	ND		0.0011	0.00024
Chlorobenzene	1.1	100	ND		0.00043	0.00011	ND		0.00049	0.00012	ND		0.00066	0.00017	ND		0.0006	0.00015	ND		0.00057	0.00014	ND		0.00051	0.00013	ND		0.025	0.0063	ND		0.00053	0.00014
Chloroethane	NS	NS	ND		0.0017	0.00039	ND		0.002	0.00044	ND		0.0026	0.00059	ND		0.0024	0.00054	ND		0.0023	0.00052	ND		0.002	0.00046	ND		0.099	0.022	ND		0.0021	0.00048
Chloroform	0.37	49	ND		0.0013	0.00012	ND		0.0015	0.00014	ND		0.002	0.00018	ND		0.0018	0.00017	ND		0.0017	0.00016	ND		0.0015	0.00014	ND		0.074	0.0069	ND		0.0016	0.00015
Chloromethane	NS	NS	ND		0.0034	0.0008	ND		0.0039	0.00091	ND		0.0052	0.0012	ND		0.0048	0.0011	ND		0.0046	0.0011	ND		0.004	0.00094	ND		0.2	0.046	ND		0.0043	0.00099
cis-1,2-Dichloroethene	0.25	100	ND		0.00086	0.00015	ND		0.00098	0.00017	ND		0.0013	0.00023	ND		0.0012	0.00021	ND		0.0011	0.0002	ND		0.001	0.00018	ND		0.05	0.0087	ND		0.0011	0.00019
cis-1,3-Dichloropropene	NS	NS	ND		0.00043	0.00014	ND		0.00049	0.00015	ND		0.00066	0.00021	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00051	0.00016	ND		0.025	0.0078	ND		0.00053	0.00017
Dibromochloromethane	NS	NS	ND		0.00086	0.00012	ND		0.00098	0.00014	ND		0.0013	0.00018	ND		0.0012	0.00017	ND		0.0011	0.00016	ND		0.001	0.00014	ND		0.05	0.0069	ND		0.0011	0.00015
Dibromomethane	NS	NS	ND		0.0017	0.0002	ND		0.002	0.00023	ND		0.0026	0.00031	ND		0.0024	0.00028	ND		0.0023	0.00027	ND		0.002	0.00024	ND		0.099	0.012	ND		0.0021	0.00025
Dichlorodifluoromethane	NS	NS	ND		0.0086	0.00078	ND		0.0098	0.0009	ND		0.013	0.0012	ND		0.012	0.0011	ND		0.011	0.001	ND		0.01	0.00093	ND		0.5	0.045	ND		0.011	0.00097
Ethyl ether	NS	NS	ND		0.0017	0.00029	ND		0.002	0.00033	ND		0.0026	0.00045	ND		0.0024	0.00041	ND		0.0023	0.00039	ND		0.002	0.00034	ND		0.099	0.017	ND		0.0021	0.00036
Ethylbenzene	1	41	0.00025	J	0.00086	0.00012	ND		0.00098	0.00014	ND		0.0013	0.00018	ND		0.0012	0.00017	ND		0.0011	0.00016	ND		0.001	0.00014	ND		0.05	0.007	ND		0.0011	0.00015
Hexachlorobutadiene	NS	NS	ND		0.0034	0.00014	ND		0.0039	0.00016	ND		0.0052	0.00022	ND		0.0048	0.0002	ND		0.0046	0.00019	ND		0.004	0.00017	ND		0.2	0.0084	ND		0.0043	0.00018
Isopropylbenzene	NS	NS	ND		0.00086	0.00009	ND		0.00098	0.00011	ND		0.0013	0.00014	ND		0.0012	0.00013	ND		0.0011	0.00012	ND		0.001	0.00011	0.035	J	0.05	0.0054	ND		0.0011	0.00012
Methyl tert butyl ether	0.93	100	ND		0.0017	0.00017	ND		0.002	0.0002	ND		0.0026	0.00026	ND		0.0024	0.00024	ND		0.0023	0.00023	ND		0.002	0.0002	ND		0.099	0.01	ND		0.0021	0.00021
Methylene chloride	0.05	100	ND		0.0043	0.002	ND		0.0049	0.0022	ND		0.0066	0.003	ND		0.006	0.0027	ND		0.0057	0.0026	ND		0.0051	0.0023	ND		0.25	0.11	ND		0.0053	0.0024
Naphthalene	12	100	0.0038		0.0034	0.00056	ND		0.0039	0.00064	0.0025	J	0.0052	0.00085	ND		0.0048	0.00078	ND		0.0046	0.00075	ND		0.004	0.00066	0.18	J	0.2	0.032	ND		0.0043	0.00069
n-Butylbenzene	12	100	ND		0.00086	0.00014	ND		0.00098	0.00016	ND		0.0013	0.00022	ND		0.0012	0.0002	ND		0.0011	0.00019	ND		0.001	0.00017	ND		0.05	0.0083	ND		0.0011	0.00018
n-Propylbenzene	3.9	100	ND		0.00086	0.00015	ND		0.00098	0.00017	ND		0.0013	0.00022	ND		0.0012	0.0002	ND		0.0011	0.0002	ND		0.001	0.00017	ND		0.05	0.0085	ND		0.0011	0.00018
o-Chlorotoluene	NS	NS	ND		0.0017	0.00016	ND		0.002	0.00019	ND		0.0026	0.00025	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.002	0.00019	ND		0.099	0.0094	ND		0.0021	0.0002
o-Xylene	NS	NS	0.00026	J	0.00086	0.00025	ND		0.00098	0.00028	ND		0.0013	0.00038	ND		0.0012	0.00035	ND		0.0011	0.00033	ND		0.001	0.00029	0.028	J	0.05	0.014	ND		0.0011	0.00031
p/m-Xylene	NS	NS	0.00056	J	0.0017	0.00048	ND		0.002	0.00055	ND		0.0026	0.00074	ND		0.0024	0.00067	ND		0.0023	0.00064	ND		0.002	0.00057	0.03	J	0.099	0.028	ND		0.0021	0.0006
p-Chlorotoluene	NS	NS	ND		0.0017	0.00009	ND		0.002	0.0001	ND		0.0026	0.00014	ND		0.0024	0.00013	ND		0.0023	0.00012	ND		0.002	0.00011	ND		0.099	0.0053	ND		0.0021	0.00012
p-Diethylbenzene	NS	NS	ND		0.0017	0.00015	ND		0.002	0.00017	ND		0.0026	0.00023	ND		0.0024	0.00021	ND		0.0023	0.0002	ND		0.002	0.00018	ND		0.099	0.0088	ND		0.0021	0.00019
p-Ethyltoluene	NS	NS	ND		0.0017	0.00033	ND		0.002	0.00038	ND		0.0026	0.0005	ND		0.0024	0.00046	ND		0.0023	0.00044	ND		0.002	0.00039	ND		0.099	0.019	ND		0.0021	0.00041
p-Isopropyltoluene	NS	NS	ND		0.00086	0.00009	ND		0.00098	0.00011	ND		0.0013	0.00014	ND		0.0012	0.00013	ND		0.0011	0.00012	ND		0.001	0.00011	ND		0.05	0.0054	ND		0.0011	0.00012
sec-Butylbenzene	11	100	ND		0.00086	0.00012	ND		0.00098	0.00014	ND		0.0013	0.00019	ND		0.0012	0.00017	ND		0.0011	0.00017	ND		0.001	0.00015	ND		0.05	0.0072	ND		0.0011	0.00016
Styrene	NS	NS	ND		0.00086	0.00017	ND		0.00098	0.00019	ND		0.0013	0.00026	ND		0.0012	0.00023	ND		0.0011	0.00022	ND		0.001	0.0002	ND		0.05	0.0097	ND		0.0011	0.00021
tert-Butylbenzene	5.9	100	ND		0.0017	0.0001	ND		0.002	0.00012	ND		0.0026	0.00015	ND		0.0024	0.00014	ND		0.0023	0.00014	ND		0.002	0.00012	ND		0.099	0.0058	ND		0.0021	0.00012
Tetrachloroethene	1.3	19	ND		0.00043	0.00017	ND		0.00049	0.00019	0.00045	J	0.00066	0.00026	ND		0.0006	0.00023	0.00032	J	0.00057	0.00022	ND		0.00051	0.0002	ND		0.025	0.0097	ND		0.00053	0.00021
Toluene	0.7	100	ND		0.00086	0.00047	ND		0.00098	0.00053	ND		0.0013	0.00071	ND		0.0012	0.00065	ND		0.0011	0.00062	ND		0.001	0.00055	ND		0.05	0.027	ND		0.0011	0.00058
trans-1,2-Dichloroethene	0.19	100	ND		0.0013	0.00012	ND		0.0015	0.00013	ND		0.002	0.00018	ND		0.0018	0.00016	ND		0.0017	0.00016	ND		0.0015	0.00014	ND		0.074	0.0068	ND		0.0016	0.00014
trans-1,3-Dichloropropene	NS	NS	ND		0.00086	0.00023	ND		0.00098	0.00027	ND		0.0013	0.00036	ND		0.0012	0.00033	ND		0.0011	0.00031	ND		0.001	0.00028	ND		0.05	0.014	ND		0.0011	0.00029
trans-1,4-Dichloro-2-butene	NS	NS	ND		0.0043	0.0012	ND		0.0049	0.0014	ND		0.0066	0.0019	ND		0.006	0.0017	ND		0.0057	0.0016	ND		0.0051	0.0014	ND		0.25	0.07	ND		0.0053	0.0015
Trichloroethene	0.47	21	ND		0.00043	0.00012	ND		0.00049	0.00013	ND		0.00066	0.00018	ND		0.0006	0.00016	ND		0.00057	0.00016	ND		0.00051	0.00014	ND		0.025	0.0068	ND		0.00053	0.00014
Trichlorofluoromethane	NS	NS	ND		0.0034	0.0006	ND		0.0039	0.00068	ND		0.0052	0.00091	ND		0.0048	0.00083	ND		0.0046	0.0008	ND		0.004	0.0007	ND		0.2	0.034	ND		0.0043	0.00074
Vinyl acetate	NS	NS	ND		0.0086	0.0018	ND		0.0098	0.0021	ND		0.013	0.0028	ND		0.012	0.0026	ND		0.011	0.0025	ND		0.01	0.0022	ND		0.5	0.11	ND		0.011	0.0023
Vinyl chloride	0.02	0.9	ND		0.00086	0.00029	ND		0.00098	0.00033	ND		0.0013	0.00044	ND		0.0012	0.0004	ND		0.0011	0.00038	ND		0.001	0.00034	ND		0.05	0.016	ND		0.0011	0.00036
Xylenes, Total	0.26	100	0.00082	J	0.00086	0.00025	ND		0.00098	0.00028	ND		0.0013	0.00038	ND		0.0012	0.00035	ND		0.0011	0.00033	ND		0.001	0.00029	0.058	J	0.05	0.014	ND		0.0011	0.00031
Total VOCs	NS	NS	0.01237	-	-	-	-	-	-	-	0.01595	-	-	-	0.012	-	-	-	0.07632	-	-	-	0.0056	-	-	-	0.978	-	-	-	0.0008	-	-	-

Results in Yellow Highlight displays exceedance above the UUSCO regulatory standard
Results in Green Highlight displays exceedance above both UUSCO & RRUSCO regulatory standard
J = Concentration detected at a value below the RL and above the MDL for target compounds
P = The RPD between the results for the two columns exceeds the method-specified criteria

NS = No Standard Available
I = The lower value for the two columns has been reported due to obvious interference
ND = Analyzed for but Not Detected at the MDL

Table 1 (Cont'd) - Soil Results - SVOCs
135 Main Street
Poughkeepsie, New York

Hillmann Consulting, LLC
Project #: G6-2423

Target Compounds	Track 1 NYSDEC Unrestricted Use SCO	Track 2 NYSDEC Restricted Residential SCO	S-1 Sample Depth: 5.0-6.0'				S-2 Sample Depth: 5.0-6.0'				S-3 Sample Depth: 5.0-6.0'				S-4 Sample Depth: 5.0-6.0'				S-5 Sample Depth: 5.0-6.0'				S-6 Sample Depth: 5.0-6.0'				S-7 Sample Depth: 3.0-4.0'				S-8 Sample Depth: 5.0-6.0'			
Semivolatiles - BNA (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,2,4,5-Tetrachlorobenzene	NS	NS	ND		0.19	0.02	ND		0.19	0.02	ND		0.22	0.023	ND		0.2	0.021	ND		0.2	0.021	ND		0.19	0.02	ND		0.18	0.019	ND		0.19	0.02
1,2,4-Trichlorobenzene	NS	NS	ND		0.19	0.022	ND		0.19	0.022	ND		0.22	0.026	ND		0.2	0.023	ND		0.2	0.023	ND		0.19	0.022	ND		0.18	0.021	ND		0.19	0.022
1,2-Dichlorobenzene	1.1	100	ND		0.19	0.034	ND		0.19	0.034	ND		0.22	0.04	ND		0.2	0.037	ND		0.2	0.036	ND		0.19	0.035	ND		0.18	0.033	ND		0.19	0.034
1,3-Dichlorobenzene	2.4	49	ND		0.19	0.033	ND		0.19	0.032	ND		0.22	0.039	ND		0.2	0.035	ND		0.2	0.035	ND		0.19	0.033	ND		0.18	0.031	ND		0.19	0.032
1,4-Dichlorobenzene	1.8	13	ND		0.19	0.034	ND		0.19	0.033	ND		0.22	0.039	ND		0.2	0.036	ND		0.2	0.035	ND		0.19	0.034	ND		0.18	0.032	ND		0.19	0.033
2,4,5-Trichlorophenol	NS	NS	ND		0.19	0.037	ND		0.19	0.036	ND		0.22	0.043	ND		0.2	0.039	ND		0.2	0.039	ND		0.19	0.037	ND		0.18	0.035	ND		0.19	0.036
2,4,6-Trichlorophenol	NS	NS	ND		0.12	0.036	ND		0.11	0.036	ND		0.13	0.043	ND		0.12	0.039	ND		0.12	0.038	ND		0.12	0.036	ND		0.11	0.035	ND		0.11	0.036
2,4-Dichlorophenol	NS	NS	ND		0.17	0.031	ND		0.17	0.03	ND		0.2	0.036	ND		0.18	0.033	ND		0.18	0.032	ND		0.17	0.031	ND		0.16	0.029	ND		0.17	0.03
2,4-Dimethylphenol	NS	NS	ND		0.19	0.063	ND		0.19	0.062	ND		0.22	0.074	ND		0.2	0.068	ND		0.2	0.067	ND		0.19	0.064	ND		0.18	0.06	ND		0.19	0.062
2,4-Dinitrophenol	NS	NS	ND		0.92	0.089	ND		0.91	0.088	ND		1.1	0.1	ND		0.98	0.095	ND		0.97	0.094	ND		0.92	0.09	ND		0.88	0.085	ND		0.91	0.088
2,4-Dinitrotoluene	NS	NS	ND		0.19	0.038	ND		0.19	0.038	ND		0.22	0.045	ND		0.2	0.041	ND		0.2	0.04	ND		0.19	0.038	ND		0.18	0.036	ND		0.19	0.038
2,6-Dinitrotoluene	NS	NS	ND		0.19	0.033	ND		0.19	0.032	ND		0.22	0.039	ND		0.2	0.035	ND		0.2	0.035	ND		0.19	0.033	ND		0.18	0.031	ND		0.19	0.032
2-Chloronaphthalene	NS	NS	ND		0.19	0.019	ND		0.19	0.019	ND		0.22	0.022	ND		0.2	0.02	ND		0.2	0.02	ND		0.19	0.019	ND		0.18	0.018	ND		0.19	0.019
2-Chlorophenol	NS	NS	ND		0.19	0.023	ND		0.19	0.022	ND		0.22	0.026	ND		0.2	0.024	ND		0.2	0.024	ND		0.19	0.023	ND		0.18	0.022	ND		0.19	0.022
2-Methylnaphthalene	NS	NS	ND		0.23	0.023	ND		0.23	0.023	ND		0.27	0.027	ND		0.24	0.025	ND		0.24	0.024	ND		0.23	0.023	0.064	J	0.22	0.022	ND		0.23	0.023
2-Methylphenol	0.33	100	ND		0.19	0.03	ND		0.19	0.029	ND		0.22	0.035	ND		0.2	0.032	ND		0.2	0.031	ND		0.19	0.03	ND		0.18	0.028	ND		0.19	0.029
2-Nitroaniline	NS	NS	ND		0.19	0.037	ND		0.19	0.036	ND		0.22	0.043	ND		0.2	0.039	ND		0.2	0.039	ND		0.19	0.037	ND		0.18	0.035	ND		0.19	0.036
2-Nitrophenol	NS	NS	ND		0.41	0.072	ND		0.41	0.071	ND		0.48	0.084	ND		0.44	0.077	ND		0.44	0.076	ND		0.42	0.072	ND		0.39	0.069	ND		0.41	0.071
3,3'-Dichlorobenzidine	NS	NS	ND		0.19	0.051	ND		0.19	0.05	ND		0.22	0.06	ND		0.2	0.054	ND		0.2	0.054	ND		0.19	0.051	ND		0.18	0.049	ND		0.19	0.05
3-Methylphenol/4-Methylphenol	0.33	100	ND		0.28	0.03	ND		0.27	0.03	ND		0.32	0.035	ND		0.29	0.032	ND		0.29	0.032	ND		0.28	0.03	ND		0.26	0.029	ND		0.27	0.03
3-Nitroaniline	NS	NS	ND		0.19	0.036	ND		0.19	0.036	ND		0.22	0.042	ND		0.2	0.038	ND		0.2	0.038	ND		0.19	0.036	ND		0.18	0.034	ND		0.19	0.036
4,6-Dinitro-o-cresol	NS	NS	ND		0.5	0.092	ND		0.49	0.091	ND		0.58	0.11	ND		0.53	0.098	ND		0.53	0.097	ND		0.5	0.092	ND		0.48	0.088	ND		0.49	0.091
4-Bromophenyl phenyl ether	NS	NS	ND		0.19	0.029	ND		0.19	0.029	ND		0.22	0.034	ND		0.2	0.031	ND		0.2	0.031	ND		0.19	0.029	ND		0.18	0.028	ND		0.19	0.029
4-Chloroaniline	NS	NS	ND		0.19	0.035	ND		0.19	0.034	ND		0.22	0.041	ND		0.2	0.037	ND		0.2	0.037	ND		0.19	0.035	ND		0.18	0.033	ND		0.19	0.034
4-Chlorophenyl phenyl ether	NS	NS	ND		0.19	0.02	ND		0.19	0.02	ND		0.22	0.024	ND		0.2	0.022	ND		0.2	0.022	ND		0.19	0.021	ND		0.18	0.02	ND		0.19	0.02
4-Nitroaniline	NS	NS	ND		0.19	0.079	ND		0.19	0.078	ND		0.22	0.093	ND		0.2	0.085	ND		0.2	0.084	ND		0.19	0.08	ND		0.18	0.076	ND		0.19	0.078
4-Nitrophenol	NS	NS	ND		0.27	0.078	ND		0.26	0.077	ND		0.31	0.092	ND		0.29	0.083	ND		0.28	0.083	ND		0.27	0.079	ND		0.26	0.074	ND		0.26	0.077
Acenaphthene	20	100	ND		0.15	0.02	ND		0.15	0.02	ND		0.18	0.023	ND		0.16	0.021	ND		0.16	0.021	ND		0.15	0.02	0.26		0.15	0.019	ND		0.15	0.02
Acenaphthylene	100	100	ND		0.15	0.03	ND		0.15	0.029	ND		0.18	0.035	ND		0.16	0.032	ND		0.16	0.031	ND		0.15	0.03	0.14	J	0.15	0.028	ND		0.15	0.029
Acetophenone	NS	NS	ND		0.19	0.024	ND		0.19	0.023	ND		0.22	0.028	ND		0.2	0.025	ND		0.2	0.025	ND		0.19	0.024	ND		0.18	0.023	ND		0.19	0.023
Anthracene	100	100	ND		0.12	0.037	ND		0.11	0.037	ND		0.13	0.044	ND		0.12	0.04	0.055	J	0.12	0.039	ND		0.12	0.038	0.62		0.11	0.036	ND		0.11	0.037
Benzo(a)anthracene	1	1	0.14		0.12	0.022	ND		0.11	0.021	ND		0.13	0.025	ND		0.12	0.023	0.084	J	0.12	0.023	ND		0.12	0.022	0.89		0.11	0.02	ND		0.11	0.021
Benzo(a)pyrene	1	1	0.18		0.15	0.047	ND		0.15	0.046	ND		0.18	0.055	ND		0.16	0.05	0.099	J	0.16	0.049	ND		0.15	0.047	0.69		0.15	0.044	ND		0.15	0.046
Benzo(b)fluoranthene	1	1	0.19		0.12	0.032	ND		0.11	0.032	ND		0.13	0.038	ND		0.12	0.034	0.11	J	0.12	0.034	ND		0.12	0.032	0.81		0.11	0.031	ND		0.11	0.032
Benzo(ghi)perylene	100	100	0.1	J	0.15	0.022	ND		0.15	0.022	ND		0.18	0.026	ND		0.16	0.024	0.063	J	0.16	0.024	ND		0.15	0.023	0.37		0.15	0.021	ND		0.15	0.022
Benzo(k)fluoranthene	0.8	3.9	0.073	J	0.12	0.031	ND		0.11	0.03	ND		0.13	0.036	ND		0.12	0.033	0.041	J	0.12	0.032	ND		0.12	0.031	0.28		0.11	0.029	ND		0.11	0.03
Benzoic Acid	NS	NS	ND		0.62	0.19	ND		0.61	0.19	ND		0.73	0.23	ND		0.66	0.21	ND		0.66	0.2	ND		0.62	0.2	ND		0.59	0.18	ND		0.61	0.19
Benzyl Alcohol	NS	NS	ND		0.19	0.059	ND		0.19	0.058	ND		0.22	0.069	ND		0.2	0.063	ND		0.2	0.062	ND		0.19	0.059	ND		0.18	0.056	ND		0.19	0.058
Biphenyl	NS	NS	ND		0.44	0.044	ND		0.43	0.044	ND		0.51	0.052	ND		0.47	0.047	ND		0.46	0.047	ND		0.44	0.045	ND		0.42	0.042	ND		0.43	0.044
Bis(2-chloroethoxy)methane	NS	NS	ND		0.21	0.019	ND		0.2	0.019	ND		0.24	0.022	ND		0.22	0.02	ND		0.22	0.02	ND		0.21	0.019	ND		0.2	0.018	ND		0.2	0.019
Bis(2-chloroethyl)ether	NS	NS	ND		0.17	0.026	ND		0.17	0.026	ND		0.2	0.03	ND		0.18	0.028	ND		0.18	0.027	ND		0.17	0.026	ND		0.16	0.025	ND		0.17	0.026
Bis(2-chloroisopropyl)ether	NS	NS	ND		0.23	0.033	ND		0.23	0.032	ND		0.27	0.038	ND		0.24	0.035	ND		0.24	0.034	ND		0.23	0.033	ND		0.22	0.031	ND		0.23	0.032
Bis(2-ethylhexyl)phthalate	NS	NS	ND		0.19	0.066	ND		0.19	0.066	ND		0.22	0.078	ND		0.2	0.071	ND		0.2	0.07	ND		0.19	0.067	ND		0.18	0.063	ND		0.19	0.066
Butyl benzyl phthalate	NS	NS	ND		0.19	0.048	ND		0.19	0.048	ND		0.22	0.057	ND		0.2	0.052	ND		0.2	0.051	ND		0.19	0.048	ND		0.18	0.046	ND		0.19	0.048
Carbazole	NS	NS	0.023	J	0.19	0.019	ND		0.19	0.018	ND		0.22	0.022	ND		0.2	0.02	0.063	J	0.2	0.02	ND		0.19	0.019	0.072	J	0.18	0.018	ND		0.19	0.018
Chrysene	1	3.9	0.13		0.12	0.02	ND		0.11	0.02	ND		0.13	0.023	ND		0.12	0.021	0.092	J	0.12	0.021	ND		0.12	0.02	0.75		0.11	0.019	ND		0.11	0.02
Di-n-butylphthalate	0.33	0.33	0.033	J	0.12	0.022	ND		0.11	0.022	ND		0.13	0.026	ND		0.12	0.024	ND		0.12	0.023	ND		0.12	0.022	0.09	J	0.11	0.021	ND		0.11	0.022
Di-n-octylphthalate	7	59	ND		0.19	0.018	ND		0.19	0.018	0.022	J	0.22	0.021	ND		0.2	0.019	ND		0.2	0.019	ND		0.19	0.018	0.07	J	0.18	0.017	ND		0.19	0.018
Dibenzo(a,h)anthracene	NS	NS	ND		0.19	0.018	ND		0.19	0.018	ND		0.22	0.021	ND		0.2	0.019	ND		0.2	0.019	ND		0.19	0.018	ND		0.18	0.017	ND		0.19	0.018
Dibenzofuran	NS	NS	ND		0.19	0.04	ND		0.19	0.04	ND		0.22	0.047	ND		0.2	0.043	ND		0.2	0.042	ND		0.19	0.04	ND		0.18	0.038	ND		0.19	0.04
Diethyl phthalate	NS	NS	ND		0.19	0.036	ND		0.19	0.036	ND		0.22	0.043	ND		0.2	0.039	ND		0.2	0.038	ND		0.19	0.036	ND		0.18	0.035	ND		0.19	0.036
Dimethyl phthalate	NS	NS	ND		0.19	0.065	ND		0.19	0.064	ND		0.22	0.076	ND		0.2	0.07	ND		0.2	0.069	ND		0.19	0.066	ND		0.18	0.062	ND		0.19	0.064
Fluoranthene	100	100	0.13		0.12	0.022	ND		0.11	0.022	ND		0.13	0.026	ND		0.12	0.023	0.11	J	0.12	0.023	ND		0.12	0.022	2		0.11	0.021	ND		0.11	0.022
Fluorene	30	100	ND		0.19	0.019	ND		0.19	0.018	ND		0.22	0.022	ND		0.2	0.02	ND		0.2	0.02	ND		0.19	0.019	0.33		0.18	0.018	ND		0.19	0.018
Hexachlorobenzene	0.33	1.2	ND		0.12	0.021	ND		0.11	0.021	ND		0.13	0.025	ND		0.12	0.023	ND		0.12	0.023	ND		0.12	0.022	ND		0.11	0.02	ND		0.11	0.021
Hexachlorobutadiene	NS	NS	ND		0.19	0.028	ND		0.19	0.028	ND		0.22	0.033	ND		0.2	0.03	ND		0.2	0.03	ND		0.19	0.028	ND		0.18	0.027	ND		0.19	0.028
Hexachlorocyclopentadiene	NS	NS	ND		0.55	0.17	ND		0.54	0.17	ND		0.64	0.2	ND		0.58	0.18	ND		0.58	0.18	ND		0.55	0.17	ND		0.52	0.16	ND		0.54	0.17
Hexachloroethane	NS	NS	ND		0.15	0.031	ND		0.15	0.031	ND		0.18	0.036	ND		0.16	0.033	ND		0.16	0.033	ND		0.15	0.031	ND		0.15	0.03	ND		0.15	0.031
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.1	J	0.15	0.027	ND		0.15	0.026	ND		0.18	0.031	ND		0.16	0.028	0.068	J	0.16	0.028	ND		0.15	0.027	0.39		0.15	0.025	ND		0.15	0.026
Isophorone	NS	NS	ND		0.17	0.025	ND		0.17	0.024	ND		0.2	0.029	ND		0.18	0.026	ND		0.18	0.026	ND		0.17	0.025	ND		0.16	0.024	ND		0.17	0.024
n-Nitrosodi-n-propylamine	12	100	ND		0.19	0.03	ND		0.19	0.029	ND		0.22	0.035	ND		0.2	0.032	ND		0.2	0.031	ND		0.19	0.03	ND		0.18	0.028	ND		0.19	0.029
Naphthalene	NS	NS	ND		0.19	0.023	ND		0.19	0.023	0.1	J	0.22	0.027	ND		0.2	0.025	0.026	J	0.2	0.025	ND		0.19	0.023	0.8		0.18	0.022	ND		0.19	0.023
NDPA/DPA	NS	NS	ND		0.15	0.022	ND		0.15	0.022	ND		0.18	0.026	ND		0.16	0.023	ND		0.16	0.023	ND		0.15	0.022	ND		0.15	0.021	ND		0.15	0.022
Nitrobenzene	NS	NS	ND		0.17	0.028	ND		0.17	0.028	ND		0.2	0.033	ND		0.18	0.03	ND		0.18	0.03	ND		0.17	0.028	ND		0.16	0.027	ND		0.17	0.028
p-Chloro-m-cresol	NS	NS	ND		0.19	0.028	ND		0.19	0.028	ND		0.22	0.034	ND		0.2	0.03	ND		0.2	0.03	ND		0.19	0.029	ND		0.18	0.027	ND		0.19	0.028
Pentachlorophenol	0.8	6.7	ND		0.15	0.042	ND		0.15	0.042	ND		0.18	0.049	ND		0.16	0.045	ND		0.16	0.044	ND		0.15	0.042	ND		0.15	0.04	ND		0.15	0.042
Phenanthrene	100	100	0.079	J	0.12	0.023	ND		0.11	0.023	0.04	J	0.13	0.027	ND		0.12	0.025	0.096	J	0.12	0.025	ND		0.12	0.023	1.3		0.11	0.022	ND		0.11	0.023
Phenol	0.33	100	ND		0.19	0.029	ND		0.19	0.028	ND		0.22	0.034	ND		0.2	0.031	ND		0.2	0.03	ND		0.19	0.029	ND		0.18	0.028	ND		0.19	0.029
Pyrene	100	100	0.12		0.12	0.019	ND		0.11	0.019	ND		0.13	0.022	ND		0.12	0.02	0.081	J	0.12	0.02	ND		0.12	0.019	1.6		0.11	0.018	ND		0.11	0.019
Total SVOCs	NS	NS	1.298	-	-	-	-	-	-	-	0.162	-	-	-	-	-	-	-	0.988	-	-	-	-	-	-	-	-	-	-	-	11.526	-	-	-

Results in Yellow Highlight displays exceedance above the UUSCO regulatory standard
Results in Green Highlight displays exceedance above both UUSCO & RRUSCO regulatory standard
J = Concentration detected at a value below the RL and above the MDL for target compounds
P = The RPD between the results for the two columns exceeds the method-specified criteria

NS = No Standard Available
I = The lower value for the two columns has been reported due to obvious interference
ND = Analyzed for but Not Detected at the MDL

Table 1 (Cont'd) - Soil Results - PCBs, Pesticides, Metals
4519-4523 White Plains Rd.
Bronx, New York

Hillmann Consulting, LLC
Project #: G6-2401

Target Compounds	Track 1 NYSDEC Unrestricted Use SCO	Track 2 NYSDEC Restricted Residential SCO	S-1 Sample Depth: 5.0-6.0'				S-2 Sample Depth: 5.0-6.0'				S-3 Sample Depth: 5.0-6.0'				S-4 Sample Depth: 5.0-6.0'				S-5 Sample Depth: 5.0-6.0'				S-6 Sample Depth: 5.0-6.0'				S-7 Sample Depth: 3.0-4.0'				S-8 Sample Depth: 5.0-6.0'			
PCB's (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	**0.1**	**1**	ND		0.0389	0.00345	ND		0.0372	0.00331	ND		0.0441	0.00392	ND		0.0397	0.00352	ND		0.0398	0.00354	ND		0.0383	0.0034	ND		0.0355	0.00315	ND		0.0379	0.00337
Aroclor 1221	**0.1**	**1**	ND		0.0389	0.0039	ND		0.0372	0.00373	ND		0.0441	0.00442	ND		0.0397	0.00397	ND		0.0398	0.00399	ND		0.0383	0.00384	ND		0.0355	0.00356	ND		0.0379	0.0038
Aroclor 1232	**0.1**	**1**	ND		0.0389	0.00824	ND		0.0372	0.00789	ND		0.0441	0.00935	ND		0.0397	0.00841	ND		0.0398	0.00845	ND		0.0383	0.00812	ND		0.0355	0.00753	ND		0.0379	0.00804
Aroclor 1242	**0.1**	**1**	ND		0.0389	0.00524	ND		0.0372	0.00502	ND		0.0441	0.00595	ND		0.0397	0.00535	ND		0.0398	0.00537	ND		0.0383	0.00517	ND		0.0355	0.00479	ND		0.0379	0.00511
Aroclor 1248	**0.1**	**1**	ND		0.0389	0.00583	ND		0.0372	0.00558	ND		0.0441	0.00662	ND		0.0397	0.00595	ND		0.0398	0.00598	ND		0.0383	0.00575	ND		0.0355	0.00533	ND		0.0379	0.00569
Aroclor 1254	**0.1**	**1**	ND		0.0389	0.00425	ND		0.0372	0.00407	ND		0.0441	0.00483	ND		0.0397	0.00434	ND		0.0398	0.00436	ND		0.0383	0.00419	ND		0.0355	0.00388	ND		0.0379	0.00415
Aroclor 1260	**0.1**	**1**	ND		0.0389	0.00718	ND		0.0372	0.00688	ND		0.0441	0.00815	ND		0.0397	0.00733	0.017	J	0.0398	0.00736	ND		0.0383	0.00708	ND		0.0355	0.00656	ND		0.0379	0.00701
Aroclor 1262	**0.1**	**1**	ND		0.0389	0.00494	ND		0.0372	0.00473	ND		0.0441	0.0056	ND		0.0397	0.00504	ND		0.0398	0.00506	ND		0.0383	0.00487	ND		0.0355	0.00451	ND		0.0379	0.00482
Aroclor 1268	**0.1**	**1**	ND		0.0389	0.00403	ND		0.0372	0.00386	ND		0.0441	0.00457	ND		0.0397	0.00411	0.0106	JP	0.0398	0.00413	ND		0.0383	0.00397	ND		0.0355	0.00368	ND		0.0379	0.00393
PCBs, Total	**0.1**	**1**	ND		0.0389	0.00345	ND		0.0372	0.00331	ND		0.0441	0.00392	ND		0.0397	0.00352	0.0276	J	0.0398	0.00354	ND		0.0383	0.0034	ND		0.0355	0.00315	ND		0.0379	0.00337

Pesticides (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
4,4'-DDD	**0.0033**	**13**	ND		0.00184	0.000658	ND		0.0018	0.000643	ND		0.00212	0.000758	ND		0.00194	0.00069	0.00232		0.00188	0.000671	ND		0.00179	0.000637	ND		0.0849	0.0303	ND		0.00183	0.000653
4,4'-DDE	**0.0033**	**8.9**	ND		0.00184	0.000426	ND		0.0018	0.000417	ND		0.00212	0.000492	ND		0.00194	0.000448	**0.121**		0.00188	0.000435	ND		0.00179	0.000413	ND		0.0849	0.0196	ND		0.00183	0.000423
4,4'-DDT	**0.0033**	**7.9**	ND		0.00346	0.00148	ND		0.00338	0.00145	ND		0.00398	0.00171	ND		0.00363	0.00156	**0.256**	E	0.00352	0.00151	ND		0.00335	0.00144	ND		0.159	0.0683	ND		0.00343	0.00147
Aldrin	**0.005**	**0.097**	ND		0.00184	0.000649	ND		0.0018	0.000634	ND		0.00212	0.000748	ND		0.00194	0.000682	ND		0.00188	0.000662	ND		0.00179	0.000629	ND		0.0849	0.0299	ND		0.00183	0.000645
Alpha-BHC	**0.02**	**0.48**	ND		0.000768	0.000218	ND		0.000751	0.000213	ND		0.000886	0.000252	ND		0.000807	0.000229	ND		0.000783	0.000222	ND		0.000745	0.000211	ND		0.0354	0.01	ND		0.000763	0.000217
Beta-BHC	**0.036**	**0.36**	ND		0.00184	0.000699	ND		0.0018	0.000683	ND		0.00212	0.000806	ND		0.00194	0.000734	ND		0.00188	0.000713	ND		0.00179	0.000678	ND		0.0849	0.0322	ND		0.00183	0.000694
Chlordane	**NS**	**NS**	ND		0.015	0.00611	ND		0.0146	0.00597	ND		0.0173	0.00704	ND		0.0157	0.00641	ND		0.0153	0.00623	ND		0.0145	0.00592	ND		0.69	0.281	ND		0.0149	0.00606
cis-Chlordane	**0.094**	**4.2**	ND		0.0023	0.000642	ND		0.00225	0.000628	ND		0.00266	0.00074	ND		0.00242	0.000674	0.00476	P	0.00235	0.000655	ND		0.00223	0.000622	ND		0.106	0.0296	ND		0.00229	0.000638
Delta-BHC	**0.04**	**100**	ND		0.00184	0.000361	ND		0.0018	0.000353	ND		0.00212	0.000416	ND		0.00194	0.000379	ND		0.00188	0.000368	ND		0.00179	0.00035	ND		0.0849	0.0166	ND		0.00183	0.000358
Dieldrin	**0.005**	**0.2**	ND		0.00115	0.000576	ND		0.00113	0.000563	ND		0.00133	0.000664	ND		0.00121	0.000605	**0.00547**		0.00118	0.000588	ND		0.00112	0.000558	ND		0.053	0.0265	ND		0.00114	0.000572
Endosulfan I	**2.4**	**24**	ND		0.00184	0.000436	ND		0.0018	0.000426	ND		0.00212	0.000502	ND		0.00194	0.000457	ND		0.00188	0.000444	ND		0.00179	0.000422	ND		0.0849	0.02	ND		0.00183	0.000432
Endosulfan II	**2.4**	**24**	ND		0.00184	0.000616	ND		0.0018	0.000602	ND		0.00212	0.00071	ND		0.00194	0.000647	ND		0.00188	0.000628	ND		0.00179	0.000597	ND		0.0849	0.0284	ND		0.00183	0.000612
Endosulfan sulfate	**2.4**	**24**	ND		0.000768	0.000366	ND		0.000751	0.000357	ND		0.000886	0.000422	ND		0.000807	0.000384	ND		0.000783	0.000373	ND		0.000745	0.000354	ND		0.0354	0.0168	ND		0.000763	0.000363
Endrin	**0.014**	**11**	ND		0.000768	0.000315	ND		0.000751	0.000308	ND		0.000886	0.000363	ND		0.000807	0.000331	ND		0.000783	0.000321	ND		0.000745	0.000305	ND		0.0354	0.0145	ND		0.000763	0.000313
Endrin aldehyde	**NS**	**NS**	ND		0.0023	0.000807	ND		0.00225	0.000788	ND		0.00266	0.00093	ND		0.00242	0.000847	ND		0.00235	0.000823	ND		0.00223	0.000782	ND		0.106	0.0371	ND		0.00229	0.000801
Endrin ketone	**NS**	**NS**	ND		0.00184	0.000475	ND		0.0018	0.000464	ND		0.00212	0.000547	ND		0.00194	0.000498	ND		0.00188	0.000484	ND		0.00179	0.00046	ND		0.0849	0.0218	ND		0.00183	0.000471
Heptachlor	**0.042**	**2.1**	ND		0.000922	0.000413	ND		0.000901	0.000404	ND		0.00106	0.000476	ND		0.000968	0.000434	ND		0.00094	0.000421	ND		0.000894	0.000401	ND		0.0424	0.019	ND		0.000916	0.00041
Heptachlor epoxide	**NS**	**NS**	ND		0.00346	0.00104	ND		0.00338	0.00101	ND		0.00398	0.0012	ND		0.00363	0.00109	ND		0.00352	0.00106	ND		0.00335	0.001	ND		0.159	0.0478	ND		0.00343	0.00103
Lindane	**0.1**	**1.3**	ND		0.000768	0.000344	ND		0.000751	0.000336	ND		0.000886	0.000396	ND		0.000807	0.00036	ND		0.000783	0.00035	ND		0.000745	0.000333	ND		0.0354	0.0158	ND		0.000763	0.000341
Methoxychlor	**NS**	**NS**	ND		0.00346	0.00108	ND		0.00338	0.00105	ND		0.00398	0.00124	ND		0.00363	0.00113	ND		0.00352	0.0011	ND		0.00335	0.00104	ND		0.159	0.0495	ND		0.00343	0.00107
Toxaphene	**NS**	**NS**	ND		0.0346	0.00968	ND		0.0338	0.00946	ND		0.0398	0.0112	ND		0.0363	0.0102	ND		0.0352	0.00987	ND		0.0335	0.00938	ND		1.59	0.446	ND		0.0343	0.00961
trans-Chlordane	**NS**	**NS**	ND		0.0023	0.000609	ND		0.00225	0.000595	ND		0.00266	0.000702	ND		0.00242	0.000639	0.00465	P	0.00235	0.00062	ND		0.00223	0.00059	ND		0.106	0.028	ND		0.00229	0.000604

Metals (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aluminum, Total	**NS**	**NS**	10900		9.44	2.55	10700		8.7	2.35	10200		10.6	2.85	13600		9.64	2.6	10300		9.45	2.55	6260		9.11	2.46	8980		8.57	2.31	9580		9.12	2.46
Antimony, Total	**NS**	**NS**	0.387	J	4.72	0.359	0.391	J	4.35	0.33	0.676	J	5.28	0.401	1.92	J	4.82	0.366	0.69	J	4.73	0.359	ND		4.55	0.346	0.48	J	4.29	0.326	1.06	J	4.56	0.347
Arsenic, Total	**13**	**16**	3.96		0.944	0.196	**61**		0.87	0.181	**57.2**		1.06	0.22	**16.8**		0.964	0.2	6.46		0.945	0.197	**20.1**		0.911	0.189	2.78		0.857	0.178	**14.1**		0.912	0.19
Barium, Total	**350**	**400**	31.7		0.944	0.164	53.3		0.87	0.151	88.1		1.06	0.184	48		0.964	0.168	114		0.945	0.164	30.6		0.911	0.158	33		0.857	0.149	63.9		0.912	0.159
Beryllium, Total	**7.2**	**72**	0.406	J	0.472	0.031	0.435		0.435	0.029	0.602		0.528	0.035	0.588		0.482	0.032	0.293	J	0.473	0.031	0.319	J	0.455	0.03	0.326	J	0.429	0.028	0.511		0.456	0.03
Cadmium, Total	**2.5**	**4.3**	0.236	J	0.944	0.093	0.33	J	0.87	0.085	0.422	J	1.06	0.103	0.607	J	0.964	0.094	0.52	J	0.945	0.093	0.146	J	0.911	0.089	0.248	J	0.857	0.084	0.374	J	0.912	0.089
Calcium, Total	**NS**	**NS**	1720		9.44	3.3	1450		8.7	3.04	2480		10.6	3.69	6370		9.64	3.37	79300		9.45	3.31	1580		9.11	3.19	3570		8.57	3	2820		9.12	3.19
Chromium, Total	**NS**	**NS**	11.7		0.944	0.091	11.2		0.87	0.084	11		1.06	0.101	15.1		0.964	0.093	20		0.945	0.091	5.89		0.911	0.087	9.64		0.857	0.082	11.9		0.912	0.088
Cobalt, Total	**NS**	**NS**	5.38		1.89	0.157	8.98		1.74	0.144	7.01		2.11	0.175	9.78		1.93	0.16	7.66		1.89	0.157	3.35		1.82	0.151	7.78		1.71	0.142	11.6		1.82	0.151
Copper, Total	**50**	**270**	16.1		0.944	0.244	31.6		0.87	0.224	21.9		1.06	0.272	49.7		0.964	0.249	35.2		0.945	0.244	**53.3**		0.911	0.235	22.9		0.857	0.221	35.6		0.912	0.235
Iron, Total	**NS**	**NS**	22100		4.72	0.853	22100		4.35	0.786	26700		5.28	0.953	34300		4.82	0.87	23600		4.73	0.854	9000		4.55	0.822	19600		4.29	0.774	24400		4.56	0.824
Lead, Total	**63**	**400**	10.5		4.72	0.253	23.5		4.35	0.233	15.5		5.28	0.283	39.2		4.82	0.258	**159**		4.73	0.253	10.2		4.55	0.244	27.8		4.29	0.23	42.2		4.56	0.244
Magnesium, Total	**NS**	**NS**	3180		9.44	1.45	3400		8.7	1.34	2040		10.6	1.62	6630		9.64	1.48	6340		9.45	1.46	1080		9.11	1.4	4250		8.57	1.32	3440		9.12	1.4
Manganese, Total	**1600**	**2000**	189		0.944	0.15	781		0.87	0.138	1440		1.06	0.168	920		0.964	0.153	501		0.945	0.15	112		0.911	0.145	491		0.857	0.136	876		0.912	0.145
Mercury, Total	**0.18**	**0.81**	ND		0.075	0.016	0.064	J	0.073	0.015	ND		0.086	0.018	0.046	J	0.079	0.017	0.075	J	0.077	0.016	ND		0.074	0.016	0.035	J	0.071	0.015	0.125		0.073	0.016
Nickel, Total	**30**	**310**	14.1		2.36	0.228	15.8		2.17	0.21	11.2		2.64	0.255	27.5		2.41	0.233	21.6		2.36	0.229	6.13		2.28	0.22	15.5		2.14	0.207	21.7		2.28	0.221
Potassium, Total	**NS**	**NS**	381		236	13.6	365		217	12.5	431		264	15.2	575		241	13.9	533		236	13.6	201	J	228	13.1	421		214	12.3	616		228	13.1
Selenium, Total	**3.9**	**180**	ND		1.89	0.244	ND		1.74	0.224	0.686	J	2.11	0.272	ND		1.93	0.249	ND		1.89	0.244	0.273	J	1.82	0.235	ND		1.71	0.221	0.292	J	1.82	0.235
Silver, Total	**2**	**180**	ND		0.944	0.267	ND		0.87	0.246	ND		1.06	0.299	ND		0.964	0.273	ND		0.945	0.268	ND		0.911	0.258	ND		0.857	0.242	ND		0.912	0.258
Sodium, Total	**NS**	**NS**	57.9	J	189	2.98	27.5	J	174	2.74	33.7	J	211	3.32	42.8	J	193	3.04	144	J	189	2.98	32.1	J	182	2.87	49.7	J	171	2.7	39.2	J	182	2.87
Thallium, Total	**NS**	**NS**	ND		1.89	0.298	0.304	J	1.74	0.274	1.14	J	2.11	0.332	0.559	J	1.93	0.304	ND		1.89	0.298	ND		1.82	0.287	ND		1.71	0.27	0.338	J	1.82	0.287
Vanadium, Total	**NS**	**NS**	16.9		0.944	0.192	15.1		0.87	0.176	16.6		1.06	0.214	22		0.964	0.196	15.6		0.945	0.192	8.93		0.911	0.185	11.7		0.857	0.174	15.9		0.912	0.185
Zinc, Total	**109**	**10000**	47.5		4.72	0.277	72.3		4.35	0.255	51.3		5.28	0.309	**152**		4.82	0.282	**208**		4.73	0.277	21.1		4.55	0.267	56.3		4.29	0.251	**72.2**		4.56	0.267
General Analytical			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**4.73**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Cyanide, Total	**27**	**27**	ND		1.1	0.23	ND		1.1	0.22	1.1	J	1.3	0.27	ND		1.2	0.26	ND		4.73	0.26	ND		1.1	0.23	0.47	J	1.1	0.23	ND		1.2	0.24

Results in Yellow Highlight displays exceedance above the UUSCO regulatory standard
Results in Green Highlight displays exceedance above both UUSCO & RRUSCO regulatory standard
J = Concentration detected at a value below the RL and above the MDL for target compounds
P = The RPD between the results for the two columns exceeds the method-specified criteria

NS = No Standard Available

ND = Analyzed for but Not Detected at the MDL

Table 2 - Groundwater Results - VOCs, Metals
135 Main Street
Poughkeepsie, New York

Hillmann Consulting, LLC
Project #: G6-2423

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1				TWP-3				TWP-8			
Volatiles (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,1,1,2-Tetrachloroethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	5	ND		2	0.67	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	1	ND		6	2	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	5	ND		2	0.68	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	0.04	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	5	ND		8	2.2	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	5	16		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	0.04	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	0.0006	ND		8	2.6	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	3	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	0.6	ND		2	0.53	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	NS	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloropropane	1	ND		4	0.55	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	5	6.6	J	10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	3	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	NS	ND		2	0.58	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	3	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	NS	ND		1000	240	ND		250	61	ND		250	61
2,2-Dichloropropane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	50	ND		20	7.8	ND		5	1.9	ND		5	1.9
2-Hexanone	50	ND		20	4	ND		5	1	ND		5	1
4-Methyl-2-pentanone	NS	ND		20	4	ND		5	1	ND		5	1
Acetone	50	8.3	J	20	5.8	5.3		5	1.5	4.8	J	5	1.5
Acrylonitrile	5	ND		20	6	ND		5	1.5	ND		5	1.5
Benzene	1	2.7		2	0.64	0.61		0.5	0.16	ND		0.5	0.16
Bromobenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	50	ND		2	0.77	ND		0.5	0.19	ND		0.5	0.19
Bromoform	50	ND		8	2.6	ND		2	0.65	ND		2	0.65
Bromomethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	60	ND		20	4	ND		5	1	ND		5	1
Carbon tetrachloride	5	ND		2	0.54	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Chloroform	7	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	NS	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
cis-1,3-Dichloropropene	0.4	ND		2	0.58	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	50	ND		2	0.6	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	5	ND		20	4	ND		5	1	ND		5	1
Dichlorodifluoromethane	5	ND		20	4	ND		5	1	ND		5	1
Ethyl ether	NS	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	0.5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	10	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Methylene chloride	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	10	480		10	2.8	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	5	11		10	2.8	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	5	29		10	2.8	0.7	J	2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	NS	ND		8	2.8	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	NS	3.6	J	8	2.8	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Styrene	930	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	5	ND		2	0.72	ND		0.5	0.18	ND		0.5	0.18
Toluene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	0.4	ND		2	0.66	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	5	ND		2	0.7	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	NS	ND		20	4	ND		5	1	ND		5	1
Vinyl chloride	2	ND		4	0.28	ND		1	0.07	ND		1	0.07
Xylenes, Total	NS	40		10	2.8	0.7	J	2.5	0.7	ND		2.5	0.7
Total TICs	NS	10.5	J	0	0	ND		0	0	ND		0	0
Total VOCs	NS	557.2	-	-	-	6.61	-	-	-	4.8	-	-	-

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1				TWP-3				TWP-8			
Metals (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aluminum, Total	NS	168000		500	164	9880		10	3.27	288000		1000	327
Antimony, Total	3	ND		4	0.42	ND		4	0.42	2.03	J	8	0.85
Arsenic, Total	25	46.37		0.5	0.16	14.43		0.5	0.16	549.1		1	0.33
Barium, Total	1000	1840		25	8.65	106		0.5	0.17	7488		50	17.3
Beryllium, Total	3	10.12		0.5	0.1	0.82		0.5	0.1	8.49		1	0.21
Cadmium, Total	5	2.66		0.2	0.05	1.47		0.2	0.05	8.66		0.4	0.11
Calcium, Total	NS	221000		100	39.4	297000		100	39.4	3180000		10000	3940
Chromium, Total	50	147.6		1	0.17	15.14		1	0.17	389.1		2	0.35
Cobalt, Total	NS	134.7		0.5	0.16	20.05		0.5	0.16	475.6		1	0.32
Copper, Total	200	258.5		1	0.38	20.24		1	0.38	2350		100	38.4
Iron, Total	NS	187000		3000	955	26800		60	19.1	903000		5000	1910
Lead, Total	25	332.7		1	0.34	29.18		1	0.34	1092		100	34.3
Magnesium, Total	35000	59400		70	24.2	31600		70	24.2	205000		140	48.4
Manganese, Total	NS	5584		50	22	5746		50	22	72500		100	44
Mercury, Total	0.7	0.11	J	0.2	0.06	ND		0.2	0.06	0.15	J	0.2	0.06
Nickel, Total	100	266.2		2	0.55	39.61		2	0.55	766.2		4	1.11
Potassium, Total	NS	13800		100	30.9	30000		100	30.9	22100		200	61.8
Selenium, Total	10	100		5	1.73	8.87		5	1.73	85.9		10	3.46
Silver, Total	50	1.52		0.4	0.16	0.18	J	0.4	0.16	4.03		0.8	0.32
Sodium, Total	20000	57700		100	29.3	16900		350	29.3	57000		200	58.6
Thallium, Total	0.5	0.43	J	0.5	0.14	ND		0.5	0.14	1.94		1	0.28
Vanadium, Total	NS	87.9		5	1.57	18.57		5	1.57	311.1		10	3.14
Zinc, Total	2000	1308		500	170.5	64.66		10	3.41	4470		1000	341

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1				TWP-3				TWP-8			
General Chemistry (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Cyanide, Total	400	364		5	1	547		10	3	186		5	1

Results in Blue Highlight displays exceedance above the Groundwater Effluent Limitations
NS = No Standard Available
ND = Analyzed for but Not Detected at the MDL
J = Concentration detected at a value below the RL and above the MDL for target compounds

P = The RPD between the results for the two columns exceeds the method-specified criteria

Table 2 (Cont'd) - Groundwater Results - SVOCs, PCBS, Pesticides
135 Main Street
Poughkeepsie, New York

Hillmann Consulting, LLC
Project #: G6-2423

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1				TWP-3				TWP-8			
Semivolatiles - (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,2,4,5-Tetrachlorobenzene	**5**	ND		10	0.44	ND		10	0.44	ND		10	0.44
1,2,4-Trichlorobenzene	**5**	ND		5	0.5	ND		5	0.5	ND		5	0.5
1,2-Dichlorobenzene	**3**	ND		2	0.45	ND		2	0.45	ND		2	0.45
1,3-Dichlorobenzene	**3**	ND		2	0.4	ND		2	0.4	ND		2	0.4
1,4-Dichlorobenzene	**3**	ND		2	0.43	ND		2	0.43	ND		2	0.43
2,4,5-Trichlorophenol	**NS**	ND		5	0.77	ND		5	0.77	ND		5	0.77
2,4,6-Trichlorophenol	**NS**	ND		5	0.61	ND		5	0.61	ND		5	0.61
2,4-Dichlorophenol	**2**	ND		5	0.41	ND		5	0.41	ND		5	0.41
2,4-Dimethylphenol	**2**	ND		5	1.8	ND		5	1.8	ND		5	1.8
2,4-Dinitrophenol	**2**	ND		20	6.6	ND		20	6.6	ND		20	6.6
2,4-Dinitrotoluene	**5**	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	**5**	ND		5	0.93	ND		5	0.93	ND		5	0.93
2-Chlorophenol	**NS**	ND		2	0.48	ND		2	0.48	ND		2	0.48
2-Methylphenol	**NS**	ND		5	0.49	ND		5	0.49	ND		5	0.49
2-Nitroaniline	**5**	ND		5	0.5	ND		5	0.5	ND		5	0.5
2-Nitrophenol	**NS**	ND		10	0.85	ND		10	0.85	ND		10	0.85
3,3'-Dichlorobenzidine	**5**	ND		5	1.6	ND		5	1.6	ND		5	1.6
3-Methylphenol/4-Methylphenol	**NS**	ND		5	0.48	ND		5	0.48	ND		5	0.48
3-Nitroaniline	**5**	ND		5	0.81	ND		5	0.81	ND		5	0.81
4,6-Dinitro-o-cresol	**NS**	ND		10	1.8	ND		10	1.8	ND		10	1.8
4-Bromophenyl phenyl ether	**NS**	ND		2	0.38	ND		2	0.38	ND		2	0.38
4-Chloroaniline	**5**	ND		5	1.1	ND		5	1.1	ND		5	1.1
4-Chlorophenyl phenyl ether	**NS**	ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Nitroaniline	**5**	ND		5	0.8	ND		5	0.8	ND		5	0.8
4-Nitrophenol	**NS**	ND		10	0.67	ND		10	0.67	ND		10	0.67
Acetophenone	**NS**	ND		5	0.53	ND		5	0.53	ND		5	0.53
Benzoic Acid	**NS**	ND		50	2.6	ND		50	2.6	ND		50	2.6
Benzyl Alcohol	**NS**	ND		2	0.59	ND		2	0.59	ND		2	0.59
Biphenyl	**NS**	2.9		2	0.46	ND		2	0.46	ND		2	0.46
Bis(2-chloroethoxy)methane	**5**	ND		5	0.5	ND		5	0.5	ND		5	0.5
Bis(2-chloroethyl)ether	**1**	ND		2	0.5	ND		2	0.5	ND		2	0.5
Bis(2-chloroisopropyl)ether	**5**	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-ethylhexyl)phthalate	**5**	ND		3	1.5	ND		3	1.5	ND		3	1.5
Butyl benzyl phthalate	**50**	ND		5	1.2	ND		5	1.2	ND		5	1.2
Carbazole	**NS**	5.8		2	0.49	ND		2	0.49	ND		2	0.49
Dibenzofuran	**NS**	6.8		2	0.5	ND		2	0.5	ND		2	0.5
Diethyl phthalate	**50**	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	**50**	ND		5	1.8	ND		5	1.8	ND		5	1.8
Di-n-butylphthalate	**50**	ND		5	0.39	ND		5	0.39	ND		5	0.39
Di-n-octylphthalate	**50**	ND		5	1.3	ND		5	1.3	ND		5	1.3
Hexachlorocyclopentadiene	**5**	ND		20	0.69	ND		20	0.69	ND		20	0.69
Isophorone	**50**	ND		5	1.2	ND		5	1.2	ND		5	1.2
NDPA/DPA	**50**	ND		2	0.42	ND		2	0.42	ND		2	0.42
Nitrobenzene	**0.4**	ND		2	0.77	ND		2	0.77	ND		2	0.77
n-Nitrosodi-n-propylamine	**NS**	ND		5	0.64	ND		5	0.64	ND		5	0.64
p-Chloro-m-cresol	**NS**	ND		2	0.35	ND		2	0.35	ND		2	0.35
Phenol	**2**	ND		5	0.57	ND		5	0.57	ND		5	0.57
Total TICs	**NS**	150	J	0	0	47.7	J	0	0	42.6	J	0	0
Total SVOCs	**NS**	15.5	-	-	-	-	-	-	-	-	-	-	-
Semivolatiles - SIM (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Chloronaphthalene	**10**	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02
2-Methylnaphthalene	**NS**	4.7		0.1	0.02	0.12		0.1	0.02	ND		0.1	0.02
Acenaphthene	**20**	2.6		0.1	0.01	0.06	J	0.1	0.01	ND		0.1	0.01
Acenaphthylene	**NS**	3.9		0.1	0.01	0.37		0.1	0.01	ND		0.1	0.01
Anthracene	**50**	18		0.1	0.01	0.42		0.1	0.01	ND		0.1	0.01
Benzo(a)anthracene	**0.002**	**38**	E	0.1	0.02	**2.9**		0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	**0**	**29**		0.1	0.02	**3.2**		0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	**0.002**	**22**		0.1	0.01	**2.7**		0.1	0.01	ND		0.1	0.01
Benzo(ghi)perylene	**NS**	18		0.1	0.01	2.2		0.1	0.01	ND		0.1	0.01
Benzo(k)fluoranthene	**0.002**	**23**		0.1	0.01	**2.6**		0.1	0.01	ND		0.1	0.01
Chrysene	**0.002**	**27**		0.1	0.01	**2.8**		0.1	0.01	ND		0.1	0.01
Dibenzo(a,h)anthracene	**NS**	5.4		0.1	0.01	0.8		0.1	0.01	ND		0.1	0.01
Fluoranthene	**50**	**68**	E	0.1	0.02	4.1		0.1	0.02	ND		0.1	0.02
Fluorene	**50**	4.6		0.1	0.01	0.16		0.1	0.01	ND		0.1	0.01
Hexachlorobenzene	**0.04**	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Hexachlorobutadiene	**0.5**	ND		0.5	0.05	ND		0.5	0.05	ND		0.5	0.05
Hexachloroethane	**5**	ND		0.8	0.06	ND		0.8	0.06	ND		0.8	0.06
Indeno(1,2,3-cd)pyrene	**0.002**	**17**		0.1	0.01	**2.1**		0.1	0.01	ND		0.1	0.01
Naphthalene	**10**	**150**	E	0.1	0.05	0.36		0.1	0.05	ND		0.1	0.05
Pentachlorophenol	**2**	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Phenanthrene	**50**	15		0.1	0.02	1.2		0.1	0.02	0.03	J	0.1	0.02
Pyrene	**50**	**58**	E	0.1	0.02	4.6		0.1	0.02	ND		0.1	0.02
Total SVOCs	**NS**	504.2	-	-	-	30.69	-	-	-	0.03	-	-	-

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1			TWP-3			TWP-8		
PCBs (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	**0.09**	ND		0.082	0.034	ND		0.082	0.034	ND		0.129	0.053
Aroclor 1221	**0.09**	ND		0.082	0.066	ND		0.082	0.066	ND		0.129	0.103
Aroclor 1232	**0.09**	ND		0.082	0.045	ND		0.082	0.045	ND		0.129	0.07
Aroclor 1242	**0.09**	ND		0.082	0.038	ND		0.082	0.038	ND		0.129	0.06
Aroclor 1248	**0.09**	ND		0.082	0.048	ND		0.082	0.048	ND		0.129	0.076
Aroclor 1254	**0.09**	ND		0.082	0.039	ND		0.082	0.039	ND		0.129	0.06
Aroclor 1260	**0.09**	ND		0.082	0.032	ND		0.082	0.032	ND		0.129	0.049
Aroclor 1262	**0.09**	ND		0.082	0.034	ND		0.082	0.034	ND		0.129	0.054
Aroclor 1268	**0.09**	ND		0.082	0.033	ND		0.082	0.033	ND		0.129	0.052
PCBs, Total	**0.09**	ND		0.082	0.032	ND		0.082	0.032	ND		0.129	0.049

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1			TWP-3			TWP-8		
Pesticides (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
4,4'-DDD	**0.3**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
4,4'-DDE	**0.2**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.004
4,4'-DDT	**0.2**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Aldrin	**0**	ND		0.014	0.002	ND		0.014	0.002	ND		0.022	0.002
Alpha-BHC	**0.01**	ND		0.014	0.003	ND		0.014	0.003	ND		0.022	0.005
Beta-BHC	**0.04**	ND		0.014	0.004	ND		0.014	0.004	ND		0.022	0.006
Chlordane	**0.05**	ND		0.143	0.033	ND		0.143	0.033	ND		0.222	0.051
cis-Chlordane	**NS**	ND		0.014	0.005	ND		0.014	0.005	ND		0.022	0.007
Delta-BHC	**0.04**	ND		0.014	0.003	ND		0.014	0.003	ND		0.022	0.005
Dieldrin	**0.004**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Endosulfan I	**NS**	ND		0.014	0.002	ND		0.014	0.002	ND		0.022	0.004
Endosulfan II	**NS**	ND		0.029	0.004	ND		0.029	0.004	ND		0.044	0.006
Endosulfan sulfate	**NS**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Endrin	**0**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Endrin aldehyde	**5**	ND		0.029	0.006	ND		0.029	0.006	ND		0.044	0.009
Endrin ketone	**5**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Heptachlor	**0.04**	ND		0.014	0.002	ND		0.014	0.002	ND		0.022	0.003
Heptachlor epoxide	**0.03**	ND		0.014	0.003	ND		0.014	0.003	ND		0.022	0.005
Lindane	**0.05**	ND		0.014	0.003	ND		0.014	0.003	ND		0.022	0.005
Methoxychlor	**35**	ND		0.143	0.005	ND		0.143	0.005	ND		0.222	0.008
Toxaphene	**0.06**	ND		0.143	0.045	ND		0.143	0.045	ND		0.222	0.07
trans-Chlordane	**NS**	ND		0.014	0.004	ND		0.014	0.004	ND		0.022	0.007

Results in Blue Highlight displays exceedance above the Groundwater Effluent Limitations
NS = No Standard Available
ND = Analyzed for but Not Detected at the MDL
J = Concentration detected at a value below the RL and above the MDL for target compounds

P = The RPD between the results for the two columns exceeds the method-specified criteria

Table 3: Soil Boring Field Logs

135 Main St, Poughkeepsie, NY
Project: G6-2423
Sample Date: 3/20/2019

Soil Boring ID	Boring Depth (bgs)	Subsurface Stratigraphy (bgs)	Water Depth (bgs)	Field Notes
SB1	Boring Terminated at 10'	0-3' Fill material (Brick Fragments, Non-homogenous Clays) 3-9' Brown Sand, Gravel 9-10' Brown/ Grey Sand, moist, staining observed, feint petroleum odor	6.75'	PID Readings: 9-10' = 10.9ppm Samples Collected: **Soil Sample S-1 collected 5-6' bgs** **TWP-1 water sample collected** **Gauged: Static Water Level = 6.75' bgs**
SB2	Boring Terminated at 7'	0-7' Fill material sand, wet at 4.5'	4.5'	No PID Readings Samples Collected: **Soil Sample S2 5-6' bgs**
SB3	Refusal on rock at 8'	0-8' Fill Material, wet at	4.5'	No PID Readings Samples Collected: **Soil Sample S3 5-6' bgs** **TWP-3 water sample collected from temp well point** **Gauged: Static Water = 6.23' bgs**
SB4	Boring Terminated at 6'	0-6' Fill material, wet at 4.5'	4.5'	No PID Readings: Samples Collected: **Soil Sample S-4 5-6' bgs**
SB5	Boring Terminated at 6'	0-6' Fill material, wet	4'	Highest PID Readings: 5.5ppm (5-6ft) Samples Collected: **Soil Sample S-5 collected 5-6' bgs**
SB6	Boring Terminated at 7'	0-6' Fill material, wet at 4'	4'	No PID Readings Samples Collected: ***Soil Sample* S-6 collected 5-*6' bgs***
SB7	Boring Terminated at 6'	0-6' Fill material, wet at 4'	4'	No PID Readings Samples Collected: **Soil Sample S-7 collected 3-4' bgs**
SB8	Boring Terminated at 10'	0-10' Fill Material; wet at 5'	5'	No PID Readings Samples Collected: **Soil Sample S-8 collected 5-6' bgs** **TWP-8 water sample collected** **Gauged: Static Water = 6.17' bgs**

Attachment A

March 2019 Soil & Groundwater

Laboratory Analysis

ANALYTICAL REPORT

Lab Number:	L1911169
Client:	Hillmann Consulting, LLC 1600 Route 22 East Union, NJ 07083
ATTN:	Ryan Powell
Phone:	(908) 688-7800
Project Name:	G6-2423
Project Number:	G6-2423
Report Date:	03/29/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1911169-01	S-1	SOIL	NY	03/20/19 09:10	03/21/19
L1911169-02	S-2	SOIL	NY	03/20/19 09:45	03/21/19
L1911169-03	S-3	SOIL	NY	03/20/19 10:05	03/21/19
L1911169-04	S-4	SOIL	NY	03/20/19 11:00	03/21/19
L1911169-05	S-5	SOIL	NY	03/20/19 11:20	03/21/19
L1911169-06	S-6	SOIL	NY	03/20/19 11:30	03/21/19
L1911169-07	S-7	SOIL	NY	03/20/19 11:50	03/21/19
L1911169-08	S-8	SOIL	NY	03/20/19 12:05	03/21/19
L1911169-09	TWP-1	WATER	NY	03/20/19 10:45	03/21/19
L1911169-10	TWP-3	WATER	NY	03/20/19 11:35	03/21/19
L1911169-11	TWP-8	WATER	NY	03/20/19 12:25	03/21/19

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1219094-2 LCS recovery, associated with L1911169-09 through -11, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

PCBs

L1911169-10: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (20%/26%) and decachlorobiphenyl (23%/22%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

L1911169-11: The sample has elevated detection limits due to limited sample volume available for analysis.

WG1219258-3: The internal standard (IS) response for 1-bromo-2-nitrobenzene was above the acceptance criteria; however, the sample was not re-analyzed due to obvious interferences isolated to the primary column.

Pesticides

L1911169-07: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1911169-07: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L1911169-11: The sample has elevated detection limits due to limited sample volume available for analysis.

Total Metals

L1911169-01 through -08: The sample has elevated detection limits for all elements, with the exception of

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

Case Narrative (continued)

mercury, due to the dilution required by matrix interferences encountered during analysis.

L1911169-11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/29/19

ORGANICS

VOLATILES

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 01:27
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	0.16	J	ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	0.25	J	ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	0.56	J	ug/kg	1.7	0.48	1
o-Xylene	0.26	J	ug/kg	0.86	0.25	1
Xylenes, Total	0.82	J	ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	6.7	J	ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	3.8		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	0.48	J	ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	0.16	J	ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds						
Total TIC Compounds	29.2	J	ug/kg			1
Unknown	20.1	J	ug/kg			1
Unknown	2.28	J	ug/kg			1
Unknown Alkane	4.30	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	2.52	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 01:55
Analyst: MV
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	17.9	J	ug/kg			1
Unknown Alkane	5.45	J	ug/kg			1
Unknown Alkane	2.11	J	ug/kg			1
Silanol, Trimethyl-	7.96	NJ	ug/kg			1
Unknown	2.33	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 11:32
Analyst: MV
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	0.45	J	ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	13		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	2.5	J	ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1
Tentatively Identified Compounds						
Total TIC Compounds	26.2	J	ug/kg			1
Unknown	17.6	J	ug/kg			1
Unknown	3.68	J	ug/kg			1
Unknown	4.91	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 12:00
Analyst: MV
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	12		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	28.0	J	ug/kg			1
Unknown	10.0	J	ug/kg			1
Unknown	3.85	J	ug/kg			1
Unknown Alkane	2.83	J	ug/kg			1
Unknown	3.28	J	ug/kg			1
Unknown Alkane	8.07	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 12:56
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	0.32	J	ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	76		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.6	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	38.1	J	ug/kg			1
Unknown	4.83	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	4.68	NJ	ug/kg			1
Unknown	28.6	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 13:24
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	5.6	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds						
Total TIC Compounds	23.0	J	ug/kg			1
Unknown	7.05	J	ug/kg			1
Unknown	2.47	J	ug/kg			1
Unknown	2.76	J	ug/kg			1
Unknown	7.63	J	ug/kg			1
Unknown	3.07	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	104		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/27/19 23:54
Analyst: BD
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	ND		ug/kg	74	6.9	1
Carbon tetrachloride	ND		ug/kg	50	11.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	6.9	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.7	1
Chlorobenzene	ND		ug/kg	25	6.3	1
Trichlorofluoromethane	ND		ug/kg	200	34.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.3	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	50	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	25	7.8	1
1,3-Dichloropropene, Total	ND		ug/kg	25	7.8	1
1,1-Dichloropropene	ND		ug/kg	25	7.9	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.2	1
Benzene	53		ug/kg	25	8.2	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	ND		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	46.	1
Bromomethane	ND		ug/kg	99	29.	1
Vinyl chloride	ND		ug/kg	50	16.	1
Chloroethane	ND		ug/kg	99	22.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	74	6.8	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	99	7.1	1
1,3-Dichlorobenzene	ND		ug/kg	99	7.3	1
1,4-Dichlorobenzene	ND		ug/kg	99	8.5	1
Methyl tert butyl ether	ND		ug/kg	99	10.	1
p/m-Xylene	30	J	ug/kg	99	28.	1
o-Xylene	28	J	ug/kg	50	14.	1
Xylenes, Total	58	J	ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.7	1
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8	1
Dibromomethane	ND		ug/kg	99	12.	1
Styrene	ND		ug/kg	50	9.7	1
Dichlorodifluoromethane	ND		ug/kg	500	45.	1
Acetone	600		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	220	1
2-Butanone	ND		ug/kg	500	110	1
Vinyl acetate	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	63.	1
1,2,3-Trichloropropane	ND		ug/kg	99	6.3	1
2-Hexanone	ND		ug/kg	500	58.	1
Bromochloromethane	ND		ug/kg	99	10.	1
2,2-Dichloropropane	ND		ug/kg	99	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,3-Dichloropropane	ND		ug/kg	99	8.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.5	1
Bromobenzene	ND		ug/kg	99	7.2	1
n-Butylbenzene	ND		ug/kg	50	8.3	1
sec-Butylbenzene	ND		ug/kg	50	7.2	1
tert-Butylbenzene	ND		ug/kg	99	5.8	1
o-Chlorotoluene	ND		ug/kg	99	9.4	1
p-Chlorotoluene	ND		ug/kg	99	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	49.	1
Hexachlorobutadiene	ND		ug/kg	200	8.4	1
Isopropylbenzene	35	J	ug/kg	50	5.4	1
p-Isopropyltoluene	ND		ug/kg	50	5.4	1
Naphthalene	180	J	ug/kg	200	32.	1
Acrylonitrile	ND		ug/kg	200	57.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	50	8.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	99	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	99	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	99	9.6	1
1,2,4-Trimethylbenzene	40	J	ug/kg	99	16.	1
1,4-Dioxane	ND		ug/kg	4000	1700	1
p-Diethylbenzene	ND		ug/kg	99	8.8	1
p-Ethyltoluene	ND		ug/kg	99	19.	1
1,2,4,5-Tetramethylbenzene	12	J	ug/kg	99	9.4	1
Ethyl ether	ND		ug/kg	99	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	70.	1
Tentatively Identified Compounds						
Total TIC Compounds	2120	J	ug/kg			1
Indane	1330	NJ	ug/kg			1
Unknown	178	J	ug/kg			1
Unknown Aromatic	137	J	ug/kg			1
Unknown	294	J	ug/kg			1
Unknown Naphthalene	176	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 13:52
Analyst: MKS
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	0.80		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	18.7	J	ug/kg			1
Unknown	2.88	J	ug/kg			1
Unknown Alkane	7.81	J	ug/kg			1
Unknown	2.54	J	ug/kg			1
Unknown	2.67	J	ug/kg			1
Unknown	2.75	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	103		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 D
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/26/19 14:18
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	2.7		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 D
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	29		ug/l	10	2.8	4
o-Xylene	11		ug/l	10	2.8	4
Xylenes, Total	40		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
1,2-Dichloroethene, Total	ND		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	8.3	J	ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	480		ug/l	10	2.8	4

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 D
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	6.6	J	ug/l	10	2.8	4
1,2,4-Trimethylbenzene	16		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	ND		ug/l	8.0	2.8	4
p-Ethyltoluene	3.6	J	ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4
Tentatively Identified Compounds						
Total TIC Compounds	10.5	J	ug/l			4
Unknown Aromatic	5.40	J	ug/l			4
Indane	5.12	NJ	ug/l			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/26/19 13:42
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.61		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	0.70	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.70	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/26/19 13:05
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/26/19 08:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219825-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/26/19 08:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219825-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/26/19 08:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219825-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/26/19 08:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219825-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 17:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1220438-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 17:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1220438-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 17:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1220438-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 17:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1220438-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 18:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1220589-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 18:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1220589-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	12	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 18:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1220589-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 18:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1220589-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-06,08 Batch: WG1220619-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-06,08 Batch: WG1220619-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-06,08 Batch: WG1220619-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-06,08 Batch: WG1220619-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219825-3 WG1219825-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		96		70-130	4		20
Chloroform	98		95		70-130	3		20
Carbon tetrachloride	80		74		63-132	8		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	93		90		63-130	3		20
1,1,2-Trichloroethane	98		98		70-130	0		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	100		94		62-150	6		20
1,2-Dichloroethane	96		94		70-130	2		20
1,1,1-Trichloroethane	98		92		67-130	6		20
Bromodichloromethane	97		92		67-130	5		20
trans-1,3-Dichloropropene	86		84		70-130	2		20
cis-1,3-Dichloropropene	94		90		70-130	4		20
1,1-Dichloropropene	97		91		70-130	6		20
Bromoform	98		94		54-136	4		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	99		94		70-130	5		20
Toluene	100		98		70-130	2		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	96		91		64-130	5		20
Bromomethane	83		69		39-139	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219825-3 WG1219825-4								
Vinyl chloride	100		98		55-140	2		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	99		91		61-145	8		20
trans-1,2-Dichloroethene	100		92		70-130	8		20
Trichloroethene	97		93		70-130	4		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	91		90		63-130	1		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	97		95		70-130	2		20
Dibromomethane	97		93		70-130	4		20
1,2,3-Trichloropropane	99		97		64-130	2		20
Acrylonitrile	110		110		70-130	0		20
Styrene	115		110		70-130	4		20
Dichlorodifluoromethane	93		86		36-147	8		20
Acetone	100		110		58-148	10		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	95		99		63-138	4		20
Vinyl acetate	95		95		70-130	0		20
4-Methyl-2-pentanone	94		91		59-130	3		20
2-Hexanone	95		95		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219825-3 WG1219825-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	96		90		63-133	6		20
1,2-Dibromoethane	98		94		70-130	4		20
1,3-Dichloropropane	97		96		70-130	1		20
1,1,1,2-Tetrachloroethane	90		87		64-130	3		20
Bromobenzene	100		98		70-130	2		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	96		87		41-144	10		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	110		110		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	144		146		56-162	1		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219825-3 WG1219825-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	110		110		70-130	0		20
Ethyl ether	92		90		59-134	2		20
trans-1,4-Dichloro-2-butene	90		88		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		104		70-130
Toluene-d8	105		103		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1220438-3 WG1220438-4								
Methylene chloride	101		98		70-130	3		30
1,1-Dichloroethane	107		103		70-130	4		30
Chloroform	107		103		70-130	4		30
Carbon tetrachloride	114		109		70-130	4		30
1,2-Dichloropropane	106		102		70-130	4		30
Dibromochloromethane	101		103		70-130	2		30
1,1,2-Trichloroethane	99		104		70-130	5		30
Tetrachloroethene	113		111		70-130	2		30
Chlorobenzene	107		107		70-130	0		30
Trichlorofluoromethane	121		114		70-139	6		30
1,2-Dichloroethane	100		102		70-130	2		30
1,1,1-Trichloroethane	110		106		70-130	4		30
Bromodichloromethane	105		100		70-130	5		30
trans-1,3-Dichloropropene	107		106		70-130	1		30
cis-1,3-Dichloropropene	107		106		70-130	1		30
1,1-Dichloropropene	111		108		70-130	3		30
Bromoform	98		98		70-130	0		30
1,1,2,2-Tetrachloroethane	95		94		70-130	1		30
Benzene	108		104		70-130	4		30
Toluene	106		105		70-130	1		30
Ethylbenzene	109		108		70-130	1		30
Chloromethane	115		104		52-130	10		30
Bromomethane	122		116		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1220438-3 WG1220438-4								
Vinyl chloride	115		113		67-130	2		30
Chloroethane	122		115		50-151	6		30
1,1-Dichloroethene	114		110		65-135	4		30
trans-1,2-Dichloroethene	110		104		70-130	6		30
Trichloroethene	112		110		70-130	2		30
1,2-Dichlorobenzene	104		104		70-130	0		30
1,3-Dichlorobenzene	107		105		70-130	2		30
1,4-Dichlorobenzene	106		104		70-130	2		30
Methyl tert butyl ether	99		98		66-130	1		30
p/m-Xylene	111		110		70-130	1		30
o-Xylene	110		110		70-130	0		30
cis-1,2-Dichloroethene	108		107		70-130	1		30
Dibromomethane	101		101		70-130	0		30
Styrene	111		112		70-130	1		30
Dichlorodifluoromethane	112		110		30-146	2		30
Acetone	91		99		54-140	8		30
Carbon disulfide	112		105		59-130	6		30
2-Butanone	86		86		70-130	0		30
Vinyl acetate	96		98		70-130	2		30
4-Methyl-2-pentanone	98		92		70-130	6		30
1,2,3-Trichloropropane	95		101		68-130	6		30
2-Hexanone	92		90		70-130	2		30
Bromochloromethane	105		100		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1220438-3 WG1220438-4								
2,2-Dichloropropane	110		106		70-130	4		30
1,2-Dibromoethane	104		104		70-130	0		30
1,3-Dichloropropane	99		103		69-130	4		30
1,1,1,2-Tetrachloroethane	104		105		70-130	1		30
Bromobenzene	105		102		70-130	3		30
n-Butylbenzene	116		111		70-130	4		30
sec-Butylbenzene	111		107		70-130	4		30
tert-Butylbenzene	108		105		70-130	3		30
o-Chlorotoluene	103		102		70-130	1		30
p-Chlorotoluene	104		103		70-130	1		30
1,2-Dibromo-3-chloropropane	96		90		68-130	6		30
Hexachlorobutadiene	112		111		67-130	1		30
Isopropylbenzene	107		105		70-130	2		30
p-Isopropyltoluene	111		110		70-130	1		30
Naphthalene	100		98		70-130	2		30
Acrylonitrile	107		107		70-130	0		30
n-Propylbenzene	112		108		70-130	4		30
1,2,3-Trichlorobenzene	109		105		70-130	4		30
1,2,4-Trichlorobenzene	116		114		70-130	2		30
1,3,5-Trimethylbenzene	109		108		70-130	1		30
1,2,4-Trimethylbenzene	109		106		70-130	3		30
1,4-Dioxane	103		100		65-136	3		30
p-Diethylbenzene	115		113		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1220438-3 WG1220438-4								
p-Ethyltoluene	111		108		70-130	3		30
1,2,4,5-Tetramethylbenzene	112		109		70-130	3		30
Ethyl ether	102		102		67-130	0		30
trans-1,4-Dichloro-2-butene	102		100		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	98		101		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	103		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1220589-3 WG1220589-4								
Methylene chloride	87		87		70-130	0		30
1,1-Dichloroethane	94		94		70-130	0		30
Chloroform	88		91		70-130	3		30
Carbon tetrachloride	86		86		70-130	0		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	85		87		70-130	2		30
1,1,2-Trichloroethane	91		94		70-130	3		30
Tetrachloroethene	90		89		70-130	1		30
Chlorobenzene	88		87		70-130	1		30
Trichlorofluoromethane	**62**	Q	**62**	Q	70-139	0		30
1,2-Dichloroethane	89		90		70-130	1		30
1,1,1-Trichloroethane	87		87		70-130	0		30
Bromodichloromethane	84		86		70-130	2		30
trans-1,3-Dichloropropene	91		92		70-130	1		30
cis-1,3-Dichloropropene	89		90		70-130	1		30
1,1-Dichloropropene	96		97		70-130	1		30
Bromoform	87		88		70-130	1		30
1,1,2,2-Tetrachloroethane	87		90		70-130	3		30
Benzene	92		91		70-130	1		30
Toluene	92		92		70-130	0		30
Ethylbenzene	91		90		70-130	1		30
Chloromethane	108		107		52-130	1		30
Bromomethane	67		64		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1220589-3 WG1220589-4								
Vinyl chloride	78		76		67-130	3		30
Chloroethane	71		70		50-151	1		30
1,1-Dichloroethene	91		90		65-135	1		30
trans-1,2-Dichloroethene	88		88		70-130	0		30
Trichloroethene	88		88		70-130	0		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	90		90		70-130	0		30
1,4-Dichlorobenzene	89		89		70-130	0		30
Methyl tert butyl ether	87		89		66-130	2		30
p/m-Xylene	89		88		70-130	1		30
o-Xylene	86		86		70-130	0		30
cis-1,2-Dichloroethene	87		88		70-130	1		30
Dibromomethane	84		86		70-130	2		30
Styrene	85		86		70-130	1		30
Dichlorodifluoromethane	92		91		30-146	1		30
Acetone	95		103		54-140	8		30
Carbon disulfide	104		105		59-130	1		30
2-Butanone	101		109		70-130	8		30
Vinyl acetate	91		94		70-130	3		30
4-Methyl-2-pentanone	90		95		70-130	5		30
1,2,3-Trichloropropane	93		99		68-130	6		30
2-Hexanone	84		90		70-130	7		30
Bromochloromethane	90		90		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1220589-3 WG1220589-4								
2,2-Dichloropropane	91		90		70-130	1		30
1,2-Dibromoethane	86		87		70-130	1		30
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	84		84		70-130	0		30
Bromobenzene	88		88		70-130	0		30
n-Butylbenzene	94		93		70-130	1		30
sec-Butylbenzene	93		92		70-130	1		30
tert-Butylbenzene	90		90		70-130	0		30
o-Chlorotoluene	93		93		70-130	0		30
p-Chlorotoluene	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	82		87		68-130	6		30
Hexachlorobutadiene	96		96		67-130	0		30
Isopropylbenzene	93		92		70-130	1		30
p-Isopropyltoluene	92		92		70-130	0		30
Naphthalene	83		86		70-130	4		30
Acrylonitrile	109		114		70-130	4		30
n-Propylbenzene	95		94		70-130	1		30
1,2,3-Trichlorobenzene	88		88		70-130	0		30
1,2,4-Trichlorobenzene	89		88		70-130	1		30
1,3,5-Trimethylbenzene	94		92		70-130	2		30
1,2,4-Trimethylbenzene	92		91		70-130	1		30
1,4-Dioxane	88		96		65-136	9		30
p-Diethylbenzene	93		92		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1220589-3 WG1220589-4								
p-Ethyltoluene	95		94		70-130	1		30
1,2,4,5-Tetramethylbenzene	89		88		70-130	1		30
Ethyl ether	72		75		67-130	4		30
trans-1,4-Dichloro-2-butene	95		98		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	107		105		70-130
Dibromofluoromethane	94		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-06,08 Batch: WG1220619-3 WG1220619-4								
Methylene chloride	101		94		70-130	7		30
1,1-Dichloroethane	105		100		70-130	5		30
Chloroform	105		99		70-130	6		30
Carbon tetrachloride	102		95		70-130	7		30
1,2-Dichloropropane	105		99		70-130	6		30
Dibromochloromethane	97		92		70-130	5		30
1,1,2-Trichloroethane	104		99		70-130	5		30
Tetrachloroethene	114		104		70-130	9		30
Chlorobenzene	107		100		70-130	7		30
Trichlorofluoromethane	134		122		70-139	9		30
1,2-Dichloroethane	105		99		70-130	6		30
1,1,1-Trichloroethane	108		98		70-130	10		30
Bromodichloromethane	101		96		70-130	5		30
trans-1,3-Dichloropropene	102		101		70-130	1		30
cis-1,3-Dichloropropene	108		99		70-130	9		30
1,1-Dichloropropene	110		98		70-130	12		30
Bromoform	87		86		70-130	1		30
1,1,2,2-Tetrachloroethane	95		90		70-130	5		30
Benzene	110		100		70-130	10		30
Toluene	107		100		70-130	7		30
Ethylbenzene	109		100		70-130	9		30
Chloromethane	107		101		52-130	6		30
Bromomethane	135		127		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-06,08 Batch: WG1220619-3 WG1220619-4								
Vinyl chloride	129		120		67-130	7		30
Chloroethane	145		122		50-151	17		30
1,1-Dichloroethene	129		108		65-135	18		30
trans-1,2-Dichloroethene	106		98		70-130	8		30
Trichloroethene	110		104		70-130	6		30
1,2-Dichlorobenzene	108		101		70-130	7		30
1,3-Dichlorobenzene	112		102		70-130	9		30
1,4-Dichlorobenzene	107		101		70-130	6		30
Methyl tert butyl ether	96		93		66-130	3		30
p/m-Xylene	113		104		70-130	8		30
o-Xylene	111		103		70-130	7		30
cis-1,2-Dichloroethene	107		102		70-130	5		30
Dibromomethane	102		101		70-130	1		30
Styrene	112		106		70-130	6		30
Dichlorodifluoromethane	111		99		30-146	11		30
Acetone	110		104		54-140	6		30
Carbon disulfide	130		96		59-130	30		30
2-Butanone	92		97		70-130	5		30
Vinyl acetate	98		93		70-130	5		30
4-Methyl-2-pentanone	93		91		70-130	2		30
1,2,3-Trichloropropane	97		93		68-130	4		30
2-Hexanone	94		87		70-130	8		30
Bromochloromethane	107		103		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-06,08 Batch: WG1220619-3 WG1220619-4								
2,2-Dichloropropane	105		94		70-130	11		30
1,2-Dibromoethane	105		100		70-130	5		30
1,3-Dichloropropane	100		97		69-130	3		30
1,1,1,2-Tetrachloroethane	102		96		70-130	6		30
Bromobenzene	106		101		70-130	5		30
n-Butylbenzene	116		108		70-130	7		30
sec-Butylbenzene	109		102		70-130	7		30
tert-Butylbenzene	109		100		70-130	9		30
o-Chlorotoluene	102		96		70-130	6		30
p-Chlorotoluene	105		97		70-130	8		30
1,2-Dibromo-3-chloropropane	89		87		68-130	2		30
Hexachlorobutadiene	118		106		67-130	11		30
Isopropylbenzene	107		97		70-130	10		30
p-Isopropyltoluene	112		101		70-130	10		30
Naphthalene	98		97		70-130	1		30
Acrylonitrile	113		102		70-130	10		30
n-Propylbenzene	110		100		70-130	10		30
1,2,3-Trichlorobenzene	110		105		70-130	5		30
1,2,4-Trichlorobenzene	118		112		70-130	5		30
1,3,5-Trimethylbenzene	109		101		70-130	8		30
1,2,4-Trimethylbenzene	108		101		70-130	7		30
1,4-Dioxane	98		101		65-136	3		30
p-Diethylbenzene	117		108		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-06,08 Batch: WG1220619-3 WG1220619-4								
p-Ethyltoluene	109		99		70-130	10		30
1,2,4,5-Tetramethylbenzene	112		103		70-130	8		30
Ethyl ether	123		115		67-130	7		30
trans-1,4-Dichloro-2-butene	96		102		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 01:27
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	130		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	140		ug/kg	120	22.	1
Benzo(a)pyrene	180		ug/kg	150	47.	1
Benzo(b)fluoranthene	190		ug/kg	120	32.	1
Benzo(k)fluoranthene	73	J	ug/kg	120	31.	1
Chrysene	130		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	100	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	79	J	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	100	J	ug/kg	150	27.	1
Pyrene	120		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	23	J	ug/kg	190	19.	1
Tentatively Identified Compounds						
Total TIC Compounds	982	J	ug/kg			1
Unknown	520	J	ug/kg			1
Unknown	462	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	76		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/19 23:18
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	76		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 00:35
Analyst: EK
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	26.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	39.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	39.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	100	J	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	57.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	55.	1
Benzo(b)fluoranthene	ND		ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	130	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	40	J	ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	22	J	ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	43.	1
p-Chloro-m-cresol	ND		ug/kg	220	34.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Benzoic Acid	ND		ug/kg	730	230	1
Benzyl Alcohol	ND		ug/kg	220	69.	1
Carbazole	ND		ug/kg	220	22.	1
Tentatively Identified Compounds						
Total TIC Compounds	2500	J	ug/kg			1
Unknown	798	J	ug/kg			1
Unknown	275	J	ug/kg			1
Unknown	264	J	ug/kg			1
Unknown	288	J	ug/kg			1
Unknown	266	J	ug/kg			1
Unknown Alkane	319	J	ug/kg			1
Unknown	286	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	68		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/19 23:44
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 12:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	64		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 01:01
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	110	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	26	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	84	J	ug/kg	120	23.	1
Benzo(a)pyrene	99	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	110	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	41	J	ug/kg	120	32.	1
Chrysene	92	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	55	J	ug/kg	120	39.	1
Benzo(ghi)perylene	63	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	96	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	68	J	ug/kg	160	28.	1
Pyrene	81	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	63	J	ug/kg	200	20.	1
Tentatively Identified Compounds						
Total TIC Compounds	2830	J	ug/kg			1
Unknown	484	J	ug/kg			1
Unknown Alkane	198	J	ug/kg			1
Unknown Alkane	215	J	ug/kg			1
Unknown Alkane	303	J	ug/kg			1
Unknown Alkane	411	J	ug/kg			1
Unknown Alkane	336	J	ug/kg			1
Unknown Alkane	330	J	ug/kg			1
Unknown	553	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	78		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 05:49
Analyst: RC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
Tentatively Identified Compounds						
Total TIC Compounds	571	J	ug/kg			1
Unknown	287	J	ug/kg			1
Unknown	284	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	69		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 21:18
Analyst: RC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	800		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	890		ug/kg	110	20.	1
Benzo(a)pyrene	690		ug/kg	150	44.	1
Benzo(b)fluoranthene	810		ug/kg	110	31.	1
Benzo(k)fluoranthene	280		ug/kg	110	29.	1
Chrysene	750		ug/kg	110	19.	1
Acenaphthylene	140	J	ug/kg	150	28.	1
Anthracene	620		ug/kg	110	36.	1
Benzo(ghi)perylene	370		ug/kg	150	21.	1
Fluorene	330		ug/kg	180	18.	1
Phenanthrene	1300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	90	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	390		ug/kg	150	25.	1
Pyrene	1600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	70	J	ug/kg	180	17.	1
2-Methylnaphthalene	64	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	72	J	ug/kg	180	18.	1
Tentatively Identified Compounds						
Total TIC Compounds	2200	J	ug/kg			1
Unknown PAH	217	J	ug/kg			1
Indane	1050	NJ	ug/kg			1
Unknown	390	J	ug/kg			1
Unknown Benzene	149	J	ug/kg			1
Unknown	178	J	ug/kg			1
Unknown	217	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	66		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 06:16
Analyst: RC
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	58		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/28/19 10:20
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	2.9		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	6.8		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	5.8		ug/l	2.0	0.49	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	150	J	ug/l			1
Unknown Benzene	10.8	J	ug/l			1
Unknown Naphthalene	6.04	J	ug/l			1
Unknown PAH	7.09	J	ug/l			1
Unknown PAH	8.91	J	ug/l			1
Unknown PAH	13.3	J	ug/l			1
Unknown PAH	7.56	J	ug/l			1
Unknown	9.05	J	ug/l			1
Unknown PAH	8.22	J	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown PAH	5.96	J	ug/l			1
Aldol Condensates	26.4	J	ug/l			1
Unknown	10.8	J	ug/l			1
Unknown	8.73	J	ug/l			1
Unknown PAH	6.36	J	ug/l			1
Unknown	10.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	102		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/28/19 11:32
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.6		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	68	E	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	150	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	38	E	ug/l	0.10	0.02	1
Benzo(a)pyrene	29		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	22		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	23		ug/l	0.10	0.01	1
Chrysene	27		ug/l	0.10	0.01	1
Acenaphthylene	3.9		ug/l	0.10	0.01	1
Anthracene	18		ug/l	0.10	0.01	1
Benzo(ghi)perylene	18		ug/l	0.10	0.01	1
Fluorene	4.6		ug/l	0.10	0.01	1
Phenanthrene	15		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	5.4		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	17		ug/l	0.10	0.01	1
Pyrene	58	E	ug/l	0.10	0.02	1
2-Methylnaphthalene	4.7		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	87		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 D
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/28/19 12:43
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Fluoranthene	65		ug/l	1.0	0.20	10
Naphthalene	150		ug/l	1.0	0.49	10
Benzo(a)anthracene	29		ug/l	1.0	0.20	10
Pyrene	56		ug/l	1.0	0.19	10

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/28/19 10:47
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds				
Total TIC Compounds	47.7	J	ug/l	1
Unknown	3.16	J	ug/l	1
Unknown	1.49	J	ug/l	1
Unknown	4.00	J	ug/l	1
Unknown Organic Acid	3.24	J	ug/l	1
Aldol Condensates	32.4	J	ug/l	1
Unknown	1.49	J	ug/l	1
Unknown PAH	1.93	J	ug/l	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	93		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/28/19 11:56
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	4.1		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.36		ug/l	0.10	0.05	1
Benzo(a)anthracene	2.9		ug/l	0.10	0.02	1
Benzo(a)pyrene	3.2		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	2.7		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	2.6		ug/l	0.10	0.01	1
Chrysene	2.8		ug/l	0.10	0.01	1
Acenaphthylene	0.37		ug/l	0.10	0.01	1
Anthracene	0.42		ug/l	0.10	0.01	1
Benzo(ghi)perylene	2.2		ug/l	0.10	0.01	1
Fluorene	0.16		ug/l	0.10	0.01	1
Phenanthrene	1.2		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.80		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	2.1		ug/l	0.10	0.01	1
Pyrene	4.6		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.12		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	85		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/25/19 19:35
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds						
Total TIC Compounds	42.6	J	ug/l			1
Aldol Condensates	33.5	J	ug/l			1
Unknown Organic Acid	7.27	J	ug/l			1
Unknown Organic Acid	1.82	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		21-120
Phenol-d6	104		10-120
Nitrobenzene-d5	**126**	Q	23-120
2-Fluorobiphenyl	**124**	Q	15-120
2,4,6-Tribromophenol	**122**	Q	10-120
4-Terphenyl-d14	137		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/28/19 11:13
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds						
Total TIC Compounds	12.6	J	ug/l			1
Aldol Condensates	12.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	57		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/28/19 12:19
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		21-120
Phenol-d6	82		10-120
Nitrobenzene-d5	**125**	Q	23-120
2-Fluorobiphenyl	120		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	127		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/23/19 21:06
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/23/19 05:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1218787-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/23/19 21:06
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/23/19 05:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1218787-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/23/19 21:06
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/23/19 05:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1218787-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	80		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/19 20:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219094-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/19 20:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219094-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/19 20:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219094-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	37.3	J	ug/l
Unknown	2.36	J	ug/l
Unknown Siloxane	4.00	J	ug/l
Unknown	1.71	J	ug/l
Aldol Condensates	29.2	J	ug/l

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/19 20:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219094-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	117		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/27/19 11:43
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-11 Batch: WG1220622-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	0.01	J	ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/27/19 11:43
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-11 Batch: WG1220622-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	121		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1218787-2 WG1218787-3								
Acenaphthene	90		84		31-137	7		50
1,2,4-Trichlorobenzene	78		75		38-107	4		50
Hexachlorobenzene	95		86		40-140	10		50
Bis(2-chloroethyl)ether	89		84		40-140	6		50
2-Chloronaphthalene	86		80		40-140	7		50
1,2-Dichlorobenzene	80		75		40-140	6		50
1,3-Dichlorobenzene	78		75		40-140	4		50
1,4-Dichlorobenzene	80		74		28-104	8		50
3,3'-Dichlorobenzidine	65		65		40-140	0		50
2,4-Dinitrotoluene	104		96		40-132	8		50
2,6-Dinitrotoluene	96		91		40-140	5		50
Fluoranthene	85		81		40-140	5		50
4-Chlorophenyl phenyl ether	83		76		40-140	9		50
4-Bromophenyl phenyl ether	88		80		40-140	10		50
Bis(2-chloroisopropyl)ether	104		98		40-140	6		50
Bis(2-chloroethoxy)methane	92		86		40-117	7		50
Hexachlorobutadiene	74		70		40-140	6		50
Hexachlorocyclopentadiene	58		51		40-140	13		50
Hexachloroethane	93		87		40-140	7		50
Isophorone	94		92		40-140	2		50
Naphthalene	83		77		40-140	8		50
Nitrobenzene	94		90		40-140	4		50
NDPA/DPA	94		87		36-157	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1218787-2 WG1218787-3								
n-Nitrosodi-n-propylamine	94		91		32-121	3		50
Bis(2-ethylhexyl)phthalate	107		104		40-140	3		50
Butyl benzyl phthalate	95		91		40-140	4		50
Di-n-butylphthalate	104		100		40-140	4		50
Di-n-octylphthalate	125		120		40-140	4		50
Diethyl phthalate	103		95		40-140	8		50
Dimethyl phthalate	87		84		40-140	4		50
Benzo(a)anthracene	88		86		40-140	2		50
Benzo(a)pyrene	95		93		40-140	2		50
Benzo(b)fluoranthene	98		88		40-140	11		50
Benzo(k)fluoranthene	89		94		40-140	5		50
Chrysene	90		87		40-140	3		50
Acenaphthylene	84		83		40-140	1		50
Anthracene	88		82		40-140	7		50
Benzo(ghi)perylene	82		81		40-140	1		50
Fluorene	91		84		40-140	8		50
Phenanthrene	83		78		40-140	6		50
Dibenzo(a,h)anthracene	81		80		40-140	1		50
Indeno(1,2,3-cd)pyrene	83		83		40-140	0		50
Pyrene	85		82		35-142	4		50
Biphenyl	89		83		54-104	7		50
4-Chloroaniline	82		81		40-140	1		50
2-Nitroaniline	101		97		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1218787-2 WG1218787-3								
3-Nitroaniline	93		90		26-129	3		50
4-Nitroaniline	98		92		41-125	6		50
Dibenzofuran	91		84		40-140	8		50
2-Methylnaphthalene	84		80		40-140	5		50
1,2,4,5-Tetrachlorobenzene	85		80		40-117	6		50
Acetophenone	93		90		14-144	3		50
2,4,6-Trichlorophenol	93		86		30-130	8		50
p-Chloro-m-cresol	102		100		26-103	2		50
2-Chlorophenol	94		88		25-102	7		50
2,4-Dichlorophenol	96		94		30-130	2		50
2,4-Dimethylphenol	101		95		30-130	6		50
2-Nitrophenol	104		98		30-130	6		50
4-Nitrophenol	**116**	Q	106		11-114	9		50
2,4-Dinitrophenol	92		85		4-130	8		50
4,6-Dinitro-o-cresol	94		88		10-130	7		50
Pentachlorophenol	81		69		17-109	16		50
Phenol	90		85		26-90	6		50
2-Methylphenol	96		93		30-130.	3		50
3-Methylphenol/4-Methylphenol	105		102		30-130	3		50
2,4,5-Trichlorophenol	97		90		30-130	7		50
Benzoic Acid	71		58		10-110	20		50
Benzyl Alcohol	100		96		40-140	4		50
Carbazole	89		86		54-128	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1218787-2 WG1218787-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		82		25-120
Phenol-d6	84		80		10-120
Nitrobenzene-d5	88		85		23-120
2-Fluorobiphenyl	75		72		30-120
2,4,6-Tribromophenol	103		92		10-136
4-Terphenyl-d14	74		69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219094-2 WG1219094-3								
Acenaphthene	75		102		37-111	21		30
1,2,4-Trichlorobenzene	67		**100**	Q	39-98	**33**	Q	30
Hexachlorobenzene	84		113		40-140	20		30
Bis(2-chloroethyl)ether	69		102		40-140	25		30
2-Chloronaphthalene	75		106		40-140	20		30
1,2-Dichlorobenzene	65		99		40-140	**36**	Q	30
1,3-Dichlorobenzene	60		93		40-140	**35**	Q	30
1,4-Dichlorobenzene	60		94		36-97	**32**	Q	30
3,3'-Dichlorobenzidine	66		84		40-140	5		30
2,4-Dinitrotoluene	88		123		48-143	**33**	Q	30
2,6-Dinitrotoluene	90		127		40-140	23		30
Fluoranthene	95		126		40-140	25		30
4-Chlorophenyl phenyl ether	80		106		40-140	15		30
4-Bromophenyl phenyl ether	83		111		40-140	12		30
Bis(2-chloroisopropyl)ether	70		104		40-140	**32**	Q	30
Bis(2-chloroethoxy)methane	76		110		40-140	27		30
Hexachlorobutadiene	60		90		40-140	18		30
Hexachlorocyclopentadiene	51		78		40-140	9		30
Hexachloroethane	57		92		40-140	**31**	Q	30
Isophorone	81		124		40-140	**36**	Q	30
Naphthalene	70		106		40-140	30		30
Nitrobenzene	72		112		40-140	30		30
NDPA/DPA	93		122		40-140	23		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219094-2 WG1219094-3								
n-Nitrosodi-n-propylamine	84		123		29-132	**32**	Q	30
Bis(2-ethylhexyl)phthalate	75		109		40-140	2		30
Butyl benzyl phthalate	101		122		40-140	21		30
Di-n-butylphthalate	84		112		40-140	11		30
Di-n-octylphthalate	83		102		40-140	5		30
Diethyl phthalate	95		128		40-140	26		30
Dimethyl phthalate	90		122		40-140	20		30
Benzo(a)anthracene	91		119		40-140	16		30
Benzo(a)pyrene	106		**141**	Q	40-140	**32**	Q	30
Benzo(b)fluoranthene	98		132		40-140	30		30
Benzo(k)fluoranthene	100		133		40-140	25		30
Chrysene	84		109		40-140	15		30
Acenaphthylene	84		120		45-123	29		30
Anthracene	85		114		40-140	20		30
Benzo(ghi)perylene	87		118		40-140	23		30
Fluorene	84		113		40-140	20		30
Phenanthrene	81		106		40-140	15		30
Dibenzo(a,h)anthracene	88		117		40-140	24		30
Indeno(1,2,3-cd)pyrene	91		123		40-140	26		30
Pyrene	96		124		26-127	25		30
Biphenyl	78		112		40-140	20		30
4-Chloroaniline	68		77		40-140	15		30
2-Nitroaniline	80		114		52-143	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219094-2 WG1219094-3								
3-Nitroaniline	77		97		25-145	17		30
4-Nitroaniline	90		115		51-143	23		30
Dibenzofuran	78		107		40-140	21		30
2-Methylnaphthalene	74		106		40-140	23		30
1,2,4,5-Tetrachlorobenzene	69		103		2-134	24		30
Acetophenone	83		124		39-129	**37**	Q	30
2,4,6-Trichlorophenol	81		112		30-130	11		30
p-Chloro-m-cresol	86		**125**	Q	23-97	22		30
2-Chlorophenol	71		104		27-123	24		30
2,4-Dichlorophenol	76		111		30-130	18		30
2,4-Dimethylphenol	60		76		30-130	10		30
2-Nitrophenol	60		101		30-130	18		30
4-Nitrophenol	**84**	Q	**115**	Q	10-80	18		30
2,4-Dinitrophenol	46		82		20-130	2		30
4,6-Dinitro-o-cresol	61		94		20-164	7		30
Pentachlorophenol	80		**110**	Q	9-103	8		30
Phenol	62		86		12-110	25		30
2-Methylphenol	72		102		30-130	21		30
3-Methylphenol/4-Methylphenol	74		106		30-130	19		30
2,4,5-Trichlorophenol	84		120		30-130	20		30
Benzoic Acid	**0**	Q	44		10-164	NC		30
Benzyl Alcohol	71		109		26-116	**32**	Q	30
Carbazole	96		126		55-144	24		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219094-2 WG1219094-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		89		21-120
Phenol-d6	54		78		10-120
Nitrobenzene-d5	72		109		23-120
2-Fluorobiphenyl	76		104		15-120
2,4,6-Tribromophenol	82		108		10-120
4-Terphenyl-d14	95		114		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-11 Batch: WG1220622-2 WG1220622-3								
Acenaphthene	116		112		40-140	4		40
2-Chloronaphthalene	110		103		40-140	7		40
Fluoranthene	123		118		40-140	4		40
Hexachlorobutadiene	107		99		40-140	8		40
Naphthalene	105		98		40-140	7		40
Benzo(a)anthracene	131		126		40-140	4		40
Benzo(a)pyrene	117		113		40-140	3		40
Benzo(b)fluoranthene	118		116		40-140	2		40
Benzo(k)fluoranthene	123		115		40-140	7		40
Chrysene	132		129		40-140	2		40
Acenaphthylene	114		107		40-140	6		40
Anthracene	120		118		40-140	2		40
Benzo(ghi)perylene	118		113		40-140	4		40
Fluorene	124		121		40-140	2		40
Phenanthrene	117		113		40-140	3		40
Dibenzo(a,h)anthracene	123		119		40-140	3		40
Indeno(1,2,3-cd)pyrene	123		119		40-140	3		40
Pyrene	123		118		40-140	4		40
2-Methylnaphthalene	108		101		40-140	7		40
Pentachlorophenol	115		116		40-140	1		40
Hexachlorobenzene	118		115		40-140	3		40
Hexachloroethane	96		89		40-140	8		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-11 Batch: WG1220622-2 WG1220622-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		75		21-120
Phenol-d6	66		61		10-120
Nitrobenzene-d5	107		99		23-120
2-Fluorobiphenyl	100		93		15-120
2,4,6-Tribromophenol	112		116		10-120
4-Terphenyl-d14	108		104		41-149

PCBS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 17:54
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.45	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.24	1	A
Aroclor 1242	ND		ug/kg	38.9	5.24	1	A
Aroclor 1248	ND		ug/kg	38.9	5.83	1	A
Aroclor 1254	ND		ug/kg	38.9	4.25	1	A
Aroclor 1260	ND		ug/kg	38.9	7.18	1	A
Aroclor 1262	ND		ug/kg	38.9	4.94	1	A
Aroclor 1268	ND		ug/kg	38.9	4.03	1	A
PCBs, Total	ND		ug/kg	38.9	3.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	37		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 18:09
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	3.31	1	A
Aroclor 1221	ND		ug/kg	37.2	3.73	1	A
Aroclor 1232	ND		ug/kg	37.2	7.89	1	A
Aroclor 1242	ND		ug/kg	37.2	5.02	1	A
Aroclor 1248	ND		ug/kg	37.2	5.58	1	A
Aroclor 1254	ND		ug/kg	37.2	4.07	1	A
Aroclor 1260	ND		ug/kg	37.2	6.88	1	A
Aroclor 1262	ND		ug/kg	37.2	4.73	1	A
Aroclor 1268	ND		ug/kg	37.2	3.86	1	A
PCBs, Total	ND		ug/kg	37.2	3.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 18:23
Analyst: WR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.1	3.92	1	A
Aroclor 1221	ND		ug/kg	44.1	4.42	1	A
Aroclor 1232	ND		ug/kg	44.1	9.35	1	A
Aroclor 1242	ND		ug/kg	44.1	5.95	1	A
Aroclor 1248	ND		ug/kg	44.1	6.62	1	A
Aroclor 1254	ND		ug/kg	44.1	4.83	1	A
Aroclor 1260	ND		ug/kg	44.1	8.15	1	A
Aroclor 1262	ND		ug/kg	44.1	5.60	1	A
Aroclor 1268	ND		ug/kg	44.1	4.57	1	A
PCBs, Total	ND		ug/kg	44.1	3.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 18:38
Analyst: WR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	3.52	1	A
Aroclor 1221	ND		ug/kg	39.7	3.97	1	A
Aroclor 1232	ND		ug/kg	39.7	8.41	1	A
Aroclor 1242	ND		ug/kg	39.7	5.35	1	A
Aroclor 1248	ND		ug/kg	39.7	5.95	1	A
Aroclor 1254	ND		ug/kg	39.7	4.34	1	A
Aroclor 1260	ND		ug/kg	39.7	7.33	1	A
Aroclor 1262	ND		ug/kg	39.7	5.04	1	A
Aroclor 1268	ND		ug/kg	39.7	4.11	1	A
PCBs, Total	ND		ug/kg	39.7	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/29/19 01:53
Analyst: HT
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/28/19 09:42
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/28/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.8	3.54	1	A
Aroclor 1221	ND		ug/kg	39.8	3.99	1	A
Aroclor 1232	ND		ug/kg	39.8	8.45	1	A
Aroclor 1242	ND		ug/kg	39.8	5.37	1	A
Aroclor 1248	ND		ug/kg	39.8	5.98	1	A
Aroclor 1254	ND		ug/kg	39.8	4.36	1	A
Aroclor 1260	17.0	J	ug/kg	39.8	7.36	1	B
Aroclor 1262	ND		ug/kg	39.8	5.06	1	A
Aroclor 1268	10.6	JP	ug/kg	39.8	4.13	1	A
PCBs, Total	27.6	J	ug/kg	39.8	3.54	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/29/19 02:06
Analyst: HT
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/28/19 09:42
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/28/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.3	3.40	1	A
Aroclor 1221	ND		ug/kg	38.3	3.84	1	A
Aroclor 1232	ND		ug/kg	38.3	8.12	1	A
Aroclor 1242	ND		ug/kg	38.3	5.17	1	A
Aroclor 1248	ND		ug/kg	38.3	5.75	1	A
Aroclor 1254	ND		ug/kg	38.3	4.19	1	A
Aroclor 1260	ND		ug/kg	38.3	7.08	1	A
Aroclor 1262	ND		ug/kg	38.3	4.87	1	A
Aroclor 1268	ND		ug/kg	38.3	3.97	1	A
PCBs, Total	ND		ug/kg	38.3	3.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 19:23
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.53	1	A
Aroclor 1242	ND		ug/kg	35.5	4.79	1	A
Aroclor 1248	ND		ug/kg	35.5	5.33	1	A
Aroclor 1254	ND		ug/kg	35.5	3.88	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	ND		ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 19:38
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	3.37	1	A
Aroclor 1221	ND		ug/kg	37.9	3.80	1	A
Aroclor 1232	ND		ug/kg	37.9	8.04	1	A
Aroclor 1242	ND		ug/kg	37.9	5.11	1	A
Aroclor 1248	ND		ug/kg	37.9	5.69	1	A
Aroclor 1254	ND		ug/kg	37.9	4.15	1	A
Aroclor 1260	ND		ug/kg	37.9	7.01	1	A
Aroclor 1262	ND		ug/kg	37.9	4.82	1	A
Aroclor 1268	ND		ug/kg	37.9	3.93	1	A
PCBs, Total	ND		ug/kg	37.9	3.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/28/19 09:49
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/26/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.082	0.034	1	B
Aroclor 1221	ND		ug/l	0.082	0.066	1	B
Aroclor 1232	ND		ug/l	0.082	0.045	1	B
Aroclor 1242	ND		ug/l	0.082	0.038	1	B
Aroclor 1248	ND		ug/l	0.082	0.048	1	B
Aroclor 1254	ND		ug/l	0.082	0.039	1	B
Aroclor 1260	ND		ug/l	0.082	0.032	1	B
Aroclor 1262	ND		ug/l	0.082	0.034	1	B
Aroclor 1268	ND		ug/l	0.082	0.033	1	B
PCBs, Total	ND		ug/l	0.082	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/28/19 10:03
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/26/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.082	0.034	1	B
Aroclor 1221	ND		ug/l	0.082	0.066	1	B
Aroclor 1232	ND		ug/l	0.082	0.045	1	B
Aroclor 1242	ND		ug/l	0.082	0.038	1	B
Aroclor 1248	ND		ug/l	0.082	0.048	1	B
Aroclor 1254	ND		ug/l	0.082	0.039	1	B
Aroclor 1260	ND		ug/l	0.082	0.032	1	B
Aroclor 1262	ND		ug/l	0.082	0.034	1	B
Aroclor 1268	ND		ug/l	0.082	0.033	1	B
PCBs, Total	ND		ug/l	0.082	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**20**	Q	30-150	A
Decachlorobiphenyl	**23**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**26**	Q	30-150	B
Decachlorobiphenyl	**22**	Q	30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 RE
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/29/19 11:27
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/28/19 13:22
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/29/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.082	0.034	1	A
Aroclor 1221	ND		ug/l	0.082	0.066	1	A
Aroclor 1232	ND		ug/l	0.082	0.045	1	A
Aroclor 1242	ND		ug/l	0.082	0.038	1	A
Aroclor 1248	ND		ug/l	0.082	0.048	1	A
Aroclor 1254	ND		ug/l	0.082	0.039	1	A
Aroclor 1260	ND		ug/l	0.082	0.032	1	A
Aroclor 1262	ND		ug/l	0.082	0.034	1	A
Aroclor 1268	ND		ug/l	0.082	0.033	1	A
PCBs, Total	ND		ug/l	0.082	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/28/19 10:16
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/26/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.129	0.053	1	B
Aroclor 1221	ND		ug/l	0.129	0.103	1	B
Aroclor 1232	ND		ug/l	0.129	0.070	1	B
Aroclor 1242	ND		ug/l	0.129	0.060	1	B
Aroclor 1248	ND		ug/l	0.129	0.076	1	B
Aroclor 1254	ND		ug/l	0.129	0.060	1	B
Aroclor 1260	ND		ug/l	0.129	0.049	1	B
Aroclor 1262	ND		ug/l	0.129	0.054	1	B
Aroclor 1268	ND		ug/l	0.129	0.052	1	B
PCBs, Total	ND		ug/l	0.129	0.049	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/27/19 20:38
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04,07-08 Batch: WG1218941-1						
Aroclor 1016	ND		ug/kg	31.8	2.82	A
Aroclor 1221	ND		ug/kg	31.8	3.18	A
Aroclor 1232	ND		ug/kg	31.8	6.74	A
Aroclor 1242	ND		ug/kg	31.8	4.28	A
Aroclor 1248	ND		ug/kg	31.8	4.77	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.87	A
Aroclor 1262	ND		ug/kg	31.8	4.04	A
Aroclor 1268	ND		ug/kg	31.8	3.29	A
PCBs, Total	ND		ug/kg	31.8	2.82	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/28/19 09:09
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/26/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09-11 Batch: WG1219258-1						
Aroclor 1016	ND		ug/l	0.082	0.034	B
Aroclor 1221	ND		ug/l	0.082	0.066	B
Aroclor 1232	ND		ug/l	0.082	0.045	B
Aroclor 1242	ND		ug/l	0.082	0.038	B
Aroclor 1248	ND		ug/l	0.082	0.048	B
Aroclor 1254	ND		ug/l	0.082	0.039	B
Aroclor 1260	ND		ug/l	0.082	0.032	B
Aroclor 1262	ND		ug/l	0.082	0.034	B
Aroclor 1268	ND		ug/l	0.082	0.033	B
PCBs, Total	ND		ug/l	0.082	0.032	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/29/19 10:33
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/28/19 00:53
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/29/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 10 Batch: WG1220382-1						
Aroclor 1016	ND		ug/l	0.082	0.034	A
Aroclor 1221	ND		ug/l	0.082	0.066	A
Aroclor 1232	ND		ug/l	0.082	0.045	A
Aroclor 1242	ND		ug/l	0.082	0.038	A
Aroclor 1248	ND		ug/l	0.082	0.048	A
Aroclor 1254	ND		ug/l	0.082	0.039	A
Aroclor 1260	ND		ug/l	0.082	0.032	A
Aroclor 1262	ND		ug/l	0.082	0.034	A
Aroclor 1268	ND		ug/l	0.082	0.033	A
PCBs, Total	ND		ug/l	0.082	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/28/19 23:42
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 03/28/19 05:58
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/28/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05-06 Batch: WG1220439-1						
Aroclor 1016	ND		ug/kg	32.8	2.92	A
Aroclor 1221	ND		ug/kg	32.8	3.29	A
Aroclor 1232	ND		ug/kg	32.8	6.96	A
Aroclor 1242	ND		ug/kg	32.8	4.43	A
Aroclor 1248	ND		ug/kg	32.8	4.93	A
Aroclor 1254	ND		ug/kg	32.8	3.59	A
Aroclor 1260	ND		ug/kg	32.8	6.07	A
Aroclor 1262	ND		ug/kg	32.8	4.17	A
Aroclor 1268	ND		ug/kg	32.8	3.40	A
PCBs, Total	ND		ug/kg	32.8	2.92	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04,07-08 Batch: WG1218941-2 WG1218941-3									
Aroclor 1016	71		83		40-140	16		50	A
Aroclor 1260	62		73		40-140	16		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		77		30-150	A
Decachlorobiphenyl	67		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		78		30-150	B
Decachlorobiphenyl	84		95		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09-11 Batch: WG1219258-2 WG1219258-3									
Aroclor 1016	64		57		40-140	12		50	B
Aroclor 1260	63		52		40-140	19		50	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		47		30-150	A
Decachlorobiphenyl	69		44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		64		30-150	B
Decachlorobiphenyl	58		51		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 10 Batch: WG1220382-2 WG1220382-3									
Aroclor 1016	55		60		40-140	9		50	A
Aroclor 1260	54		59		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		74		30-150	A
Decachlorobiphenyl	71		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		85		30-150	B
Decachlorobiphenyl	79		81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG1220439-2 WG1220439-3									
Aroclor 1016	108		92		40-140	16		50	A
Aroclor 1260	100		94		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	111		102		30-150	A
Decachlorobiphenyl	93		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	107		94		30-150	B
Decachlorobiphenyl	107		93		30-150	B

PESTICIDES

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 22:07
Analyst: SL
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.344	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.922	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.807	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.658	1	A
4,4'-DDT	ND		ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.436	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.68	1	A
cis-Chlordane	ND		ug/kg	2.30	0.642	1	A
trans-Chlordane	ND		ug/kg	2.30	0.609	1	A
Chlordane	ND		ug/kg	15.0	6.11	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	80		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 20:52
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.901	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.13	0.563	1	A
4,4'-DDE	ND		ug/kg	1.80	0.417	1	A
4,4'-DDD	ND		ug/kg	1.80	0.643	1	A
4,4'-DDT	ND		ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	ND		ug/kg	2.25	0.628	1	A
trans-Chlordane	ND		ug/kg	2.25	0.595	1	A
Chlordane	ND		ug/kg	14.6	5.97	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	86		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:05
Analyst: SL
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.416	1	A
Lindane	ND		ug/kg	0.886	0.396	1	A
Alpha-BHC	ND		ug/kg	0.886	0.252	1	A
Beta-BHC	ND		ug/kg	2.12	0.806	1	A
Heptachlor	ND		ug/kg	1.06	0.476	1	A
Aldrin	ND		ug/kg	2.12	0.748	1	A
Heptachlor epoxide	ND		ug/kg	3.98	1.20	1	A
Endrin	ND		ug/kg	0.886	0.363	1	A
Endrin aldehyde	ND		ug/kg	2.66	0.930	1	A
Endrin ketone	ND		ug/kg	2.12	0.547	1	A
Dieldrin	ND		ug/kg	1.33	0.664	1	A
4,4'-DDE	ND		ug/kg	2.12	0.492	1	A
4,4'-DDD	ND		ug/kg	2.12	0.758	1	A
4,4'-DDT	ND		ug/kg	3.98	1.71	1	A
Endosulfan I	ND		ug/kg	2.12	0.502	1	A
Endosulfan II	ND		ug/kg	2.12	0.710	1	A
Endosulfan sulfate	ND		ug/kg	0.886	0.422	1	A
Methoxychlor	ND		ug/kg	3.98	1.24	1	A
Toxaphene	ND		ug/kg	39.8	11.2	1	A
cis-Chlordane	ND		ug/kg	2.66	0.740	1	A
trans-Chlordane	ND		ug/kg	2.66	0.702	1	A
Chlordane	ND		ug/kg	17.3	7.04	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:17
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.379	1	A
Lindane	ND		ug/kg	0.807	0.360	1	A
Alpha-BHC	ND		ug/kg	0.807	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.734	1	A
Heptachlor	ND		ug/kg	0.968	0.434	1	A
Aldrin	ND		ug/kg	1.94	0.682	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.807	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.847	1	A
Endrin ketone	ND		ug/kg	1.94	0.498	1	A
Dieldrin	ND		ug/kg	1.21	0.605	1	A
4,4'-DDE	ND		ug/kg	1.94	0.448	1	A
4,4'-DDD	ND		ug/kg	1.94	0.690	1	A
4,4'-DDT	ND		ug/kg	3.63	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.457	1	A
Endosulfan II	ND		ug/kg	1.94	0.647	1	A
Endosulfan sulfate	ND		ug/kg	0.807	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.674	1	A
trans-Chlordane	ND		ug/kg	2.42	0.639	1	A
Chlordane	ND		ug/kg	15.7	6.41	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:30
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.783	0.350	1	A
Alpha-BHC	ND		ug/kg	0.783	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.713	1	A
Heptachlor	ND		ug/kg	0.940	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.662	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.52	1.06	1	B
Endrin	ND		ug/kg	0.783	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.823	1	A
Endrin ketone	ND		ug/kg	1.88	0.484	1	A
Dieldrin	5.47		ug/kg	1.18	0.588	1	B
4,4'-DDE	121		ug/kg	1.88	0.435	1	B
4,4'-DDD	2.32		ug/kg	1.88	0.671	1	B
4,4'-DDT	256	E	ug/kg	3.52	1.51	1	B
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.628	1	A
Endosulfan sulfate	ND		ug/kg	0.783	0.373	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.87	1	A
cis-Chlordane	4.76	P	ug/kg	2.35	0.655	1	A
trans-Chlordane	4.65	P	ug/kg	2.35	0.620	1	A
Chlordane	ND		ug/kg	15.3	6.23	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	54		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 D
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/27/19 18:14
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	233		ug/kg	7.05	3.02	2	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:42
Analyst: SL
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.211	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.79	0.413	1	A
4,4'-DDD	ND		ug/kg	1.79	0.637	1	A
4,4'-DDT	ND		ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.38	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.590	1	A
Chlordane	ND		ug/kg	14.5	5.92	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	68		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 D
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/27/19 18:47
Analyst: SL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/27/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	84.9	16.6	50	A
Lindane	ND		ug/kg	35.4	15.8	50	A
Alpha-BHC	ND		ug/kg	35.4	10.0	50	A
Beta-BHC	ND		ug/kg	84.9	32.2	50	A
Heptachlor	ND		ug/kg	42.4	19.0	50	A
Aldrin	ND		ug/kg	84.9	29.9	50	A
Heptachlor epoxide	ND		ug/kg	159	47.8	50	A
Endrin	ND		ug/kg	35.4	14.5	50	A
Endrin aldehyde	ND		ug/kg	106	37.1	50	A
Endrin ketone	ND		ug/kg	84.9	21.8	50	A
Dieldrin	ND		ug/kg	53.0	26.5	50	A
4,4'-DDE	ND		ug/kg	84.9	19.6	50	A
4,4'-DDD	ND		ug/kg	84.9	30.3	50	A
4,4'-DDT	ND		ug/kg	159	68.3	50	A
Endosulfan I	ND		ug/kg	84.9	20.0	50	A
Endosulfan II	ND		ug/kg	84.9	28.4	50	A
Endosulfan sulfate	ND		ug/kg	35.4	16.8	50	A
Methoxychlor	ND		ug/kg	159	49.5	50	A
Toxaphene	ND		ug/kg	1590	446.	50	A
cis-Chlordane	ND		ug/kg	106	29.6	50	A
trans-Chlordane	ND		ug/kg	106	28.0	50	A
Chlordane	ND		ug/kg	690	281.	50	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 D
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:55
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.694	1	A
Heptachlor	ND		ug/kg	0.916	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.801	1	A
Endrin ketone	ND		ug/kg	1.83	0.471	1	A
Dieldrin	ND		ug/kg	1.14	0.572	1	A
4,4'-DDE	ND		ug/kg	1.83	0.423	1	A
4,4'-DDD	ND		ug/kg	1.83	0.653	1	A
4,4'-DDT	ND		ug/kg	3.43	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.61	1	A
cis-Chlordane	ND		ug/kg	2.29	0.638	1	A
trans-Chlordane	ND		ug/kg	2.29	0.604	1	A
Chlordane	ND		ug/kg	14.9	6.06	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/26/19 10:55
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/26/19 11:08
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/26/19 11:20
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.022	0.005	1	A
Lindane	ND		ug/l	0.022	0.005	1	A
Alpha-BHC	ND		ug/l	0.022	0.005	1	A
Beta-BHC	ND		ug/l	0.022	0.006	1	A
Heptachlor	ND		ug/l	0.022	0.003	1	A
Aldrin	ND		ug/l	0.022	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.022	0.005	1	A
Endrin	ND		ug/l	0.044	0.005	1	A
Endrin aldehyde	ND		ug/l	0.044	0.009	1	A
Endrin ketone	ND		ug/l	0.044	0.005	1	A
Dieldrin	ND		ug/l	0.044	0.005	1	A
4,4'-DDE	ND		ug/l	0.044	0.004	1	A
4,4'-DDD	ND		ug/l	0.044	0.005	1	A
4,4'-DDT	ND		ug/l	0.044	0.005	1	A
Endosulfan I	ND		ug/l	0.022	0.004	1	A
Endosulfan II	ND		ug/l	0.044	0.006	1	A
Endosulfan sulfate	ND		ug/l	0.044	0.005	1	A
Methoxychlor	ND		ug/l	0.222	0.008	1	A
Toxaphene	ND		ug/l	0.222	0.070	1	A
cis-Chlordane	ND		ug/l	0.022	0.007	1	A
trans-Chlordane	ND		ug/l	0.022	0.007	1	A
Chlordane	ND		ug/l	0.222	0.051	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/27/19 17:24
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/27/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1218946-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Heptachlor epoxide	ND		ug/kg	2.83	0.848	A
Endrin	ND		ug/kg	0.628	0.258	A
Endrin aldehyde	ND		ug/kg	1.88	0.660	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.943	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	2.83	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.83	0.880	A
Toxaphene	ND		ug/kg	28.3	7.92	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.498	A
Chlordane	ND		ug/kg	12.2	5.00	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/27/19 17:24
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/27/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1218946-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	99		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	97		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/26/19 10:18
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-11 Batch: WG1219256-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/26/19 10:18
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-11 Batch: WG1219256-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	82		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1218946-2 WG1218946-3									
Delta-BHC	104		97		30-150	7		30	A
Lindane	102		97		30-150	5		30	A
Alpha-BHC	98		92		30-150	6		30	A
Beta-BHC	98		96		30-150	2		30	A
Heptachlor	68		70		30-150	3		30	A
Aldrin	92		83		30-150	10		30	A
Heptachlor epoxide	98		91		30-150	7		30	A
Endrin	102		95		30-150	7		30	A
Endrin aldehyde	80		73		30-150	9		30	A
Endrin ketone	100		96		30-150	4		30	A
Dieldrin	98		92		30-150	6		30	A
4,4'-DDE	91		85		30-150	7		30	A
4,4'-DDD	95		89		30-150	7		30	A
4,4'-DDT	97		89		30-150	9		30	A
Endosulfan I	88		86		30-150	2		30	A
Endosulfan II	96		89		30-150	8		30	A
Endosulfan sulfate	87		85		30-150	2		30	A
Methoxychlor	93		86		30-150	8		30	A
cis-Chlordane	81		75		30-150	8		30	A
trans-Chlordane	97		85		30-150	13		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1218946-2 WG1218946-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		91		30-150	B
Decachlorobiphenyl	125		124		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		78		30-150	A
Decachlorobiphenyl	111		96		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11 Batch: WG1219256-2 WG1219256-3									
Delta-BHC	62		69		30-150	11		20	A
Lindane	76		83		30-150	10		20	A
Alpha-BHC	76		85		30-150	11		20	A
Beta-BHC	71		82		30-150	14		20	A
Heptachlor	71		80		30-150	12		20	A
Aldrin	67		77		30-150	13		20	A
Heptachlor epoxide	76		84		30-150	10		20	A
Endrin	76		83		30-150	9		20	A
Endrin aldehyde	67		72		30-150	7		20	A
Endrin ketone	80		87		30-150	8		20	A
Dieldrin	77		85		30-150	9		20	A
4,4'-DDE	70		79		30-150	11		20	A
4,4'-DDD	74		81		30-150	9		20	A
4,4'-DDT	76		83		30-150	9		20	A
Endosulfan I	68		75		30-150	10		20	A
Endosulfan II	76		82		30-150	7		20	A
Endosulfan sulfate	75		80		30-150	7		20	A
Methoxychlor	75		80		30-150	7		20	A
cis-Chlordane	62		69		30-150	10		20	A
trans-Chlordane	68		76		30-150	11		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11 Batch: WG1219256-2 WG1219256-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		66		30-150	A
Decachlorobiphenyl	100		99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		67		30-150	B
Decachlorobiphenyl	79		80		30-150	B

METALS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	9.44	2.55	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Antimony, Total	0.387	J	mg/kg	4.72	0.359	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Arsenic, Total	3.96		mg/kg	0.944	0.196	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Barium, Total	31.7		mg/kg	0.944	0.164	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Beryllium, Total	0.406	J	mg/kg	0.472	0.031	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Cadmium, Total	0.236	J	mg/kg	0.944	0.093	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Calcium, Total	1720		mg/kg	9.44	3.30	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Chromium, Total	11.7		mg/kg	0.944	0.091	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Cobalt, Total	5.38		mg/kg	1.89	0.157	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Copper, Total	16.1		mg/kg	0.944	0.244	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Iron, Total	22100		mg/kg	4.72	0.853	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Lead, Total	10.5		mg/kg	4.72	0.253	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Magnesium, Total	3180		mg/kg	9.44	1.45	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Manganese, Total	189		mg/kg	0.944	0.150	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Mercury, Total	ND		mg/kg	0.075	0.016	1	03/23/19 07:30	03/25/19 15:56	EPA 7471B	1,7471B	GD
Nickel, Total	14.1		mg/kg	2.36	0.228	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Potassium, Total	381		mg/kg	236	13.6	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.89	0.244	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.944	0.267	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Sodium, Total	57.9	J	mg/kg	189	2.98	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Thallium, Total	ND		mg/kg	1.89	0.298	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Vanadium, Total	16.9		mg/kg	0.944	0.192	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Zinc, Total	47.5		mg/kg	4.72	0.277	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10700		mg/kg	8.70	2.35	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Antimony, Total	0.391	J	mg/kg	4.35	0.330	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Arsenic, Total	61.0		mg/kg	0.870	0.181	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Barium, Total	53.3		mg/kg	0.870	0.151	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Beryllium, Total	0.435		mg/kg	0.435	0.029	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Cadmium, Total	0.330	J	mg/kg	0.870	0.085	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Calcium, Total	1450		mg/kg	8.70	3.04	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Chromium, Total	11.2		mg/kg	0.870	0.084	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Cobalt, Total	8.98		mg/kg	1.74	0.144	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Copper, Total	31.6		mg/kg	0.870	0.224	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Iron, Total	22100		mg/kg	4.35	0.786	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Lead, Total	23.5		mg/kg	4.35	0.233	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Magnesium, Total	3400		mg/kg	8.70	1.34	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Manganese, Total	781		mg/kg	0.870	0.138	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Mercury, Total	0.064	J	mg/kg	0.073	0.015	1	03/23/19 07:30	03/25/19 16:07	EPA 7471B	1,7471B	GD
Nickel, Total	15.8		mg/kg	2.17	0.210	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Potassium, Total	365		mg/kg	217	12.5	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.74	0.224	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.870	0.246	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Sodium, Total	27.5	J	mg/kg	174	2.74	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Thallium, Total	0.304	J	mg/kg	1.74	0.274	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Vanadium, Total	15.1		mg/kg	0.870	0.176	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Zinc, Total	72.3		mg/kg	4.35	0.255	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	10.6	2.85	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Antimony, Total	0.676	J	mg/kg	5.28	0.401	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Arsenic, Total	57.2		mg/kg	1.06	0.220	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Barium, Total	88.1		mg/kg	1.06	0.184	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Beryllium, Total	0.602		mg/kg	0.528	0.035	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Cadmium, Total	0.422	J	mg/kg	1.06	0.103	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Calcium, Total	2480		mg/kg	10.6	3.69	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Chromium, Total	11.0		mg/kg	1.06	0.101	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Cobalt, Total	7.01		mg/kg	2.11	0.175	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Copper, Total	21.9		mg/kg	1.06	0.272	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Iron, Total	26700		mg/kg	5.28	0.953	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Lead, Total	15.5		mg/kg	5.28	0.283	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Magnesium, Total	2040		mg/kg	10.6	1.62	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Manganese, Total	1440		mg/kg	1.06	0.168	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Mercury, Total	ND		mg/kg	0.086	0.018	1	03/23/19 07:30	03/25/19 16:09	EPA 7471B	1,7471B	GD
Nickel, Total	11.2		mg/kg	2.64	0.255	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Potassium, Total	431		mg/kg	264	15.2	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Selenium, Total	0.686	J	mg/kg	2.11	0.272	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	1.06	0.299	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Sodium, Total	33.7	J	mg/kg	211	3.32	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Thallium, Total	1.14	J	mg/kg	2.11	0.332	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Vanadium, Total	16.6		mg/kg	1.06	0.214	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Zinc, Total	51.3		mg/kg	5.28	0.309	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	9.64	2.60	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Antimony, Total	1.92	J	mg/kg	4.82	0.366	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Arsenic, Total	16.8		mg/kg	0.964	0.200	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Barium, Total	48.0		mg/kg	0.964	0.168	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Beryllium, Total	0.588		mg/kg	0.482	0.032	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Cadmium, Total	0.607	J	mg/kg	0.964	0.094	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Calcium, Total	6370		mg/kg	9.64	3.37	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Chromium, Total	15.1		mg/kg	0.964	0.093	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Cobalt, Total	9.78		mg/kg	1.93	0.160	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Copper, Total	49.7		mg/kg	0.964	0.249	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Iron, Total	34300		mg/kg	4.82	0.870	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Lead, Total	39.2		mg/kg	4.82	0.258	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Magnesium, Total	6630		mg/kg	9.64	1.48	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Manganese, Total	920		mg/kg	0.964	0.153	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Mercury, Total	0.046	J	mg/kg	0.079	0.017	1	03/23/19 07:30	03/25/19 16:11	EPA 7471B	1,7471B	GD
Nickel, Total	27.5		mg/kg	2.41	0.233	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Potassium, Total	575		mg/kg	241	13.9	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.93	0.249	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.964	0.273	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Sodium, Total	42.8	J	mg/kg	193	3.04	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Thallium, Total	0.559	J	mg/kg	1.93	0.304	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Vanadium, Total	22.0		mg/kg	0.964	0.196	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Zinc, Total	152		mg/kg	4.82	0.282	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	9.45	2.55	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Antimony, Total	0.690	J	mg/kg	4.73	0.359	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Arsenic, Total	6.46		mg/kg	0.945	0.197	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Barium, Total	114		mg/kg	0.945	0.164	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Beryllium, Total	0.293	J	mg/kg	0.473	0.031	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Cadmium, Total	0.520	J	mg/kg	0.945	0.093	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Calcium, Total	79300		mg/kg	9.45	3.31	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Chromium, Total	20.0		mg/kg	0.945	0.091	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Cobalt, Total	7.66		mg/kg	1.89	0.157	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Copper, Total	35.2		mg/kg	0.945	0.244	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Iron, Total	23600		mg/kg	4.73	0.854	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Lead, Total	159		mg/kg	4.73	0.253	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Magnesium, Total	6340		mg/kg	9.45	1.46	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Manganese, Total	501		mg/kg	0.945	0.150	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Mercury, Total	0.075	J	mg/kg	0.077	0.016	1	03/23/19 07:30	03/25/19 16:13	EPA 7471B	1,7471B	GD
Nickel, Total	21.6		mg/kg	2.36	0.229	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Potassium, Total	533		mg/kg	236	13.6	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.89	0.244	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.945	0.268	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Sodium, Total	144	J	mg/kg	189	2.98	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Thallium, Total	ND		mg/kg	1.89	0.298	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Vanadium, Total	15.6		mg/kg	0.945	0.192	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Zinc, Total	208		mg/kg	4.73	0.277	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6260		mg/kg	9.11	2.46	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Antimony, Total	ND		mg/kg	4.55	0.346	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Arsenic, Total	20.1		mg/kg	0.911	0.189	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Barium, Total	30.6		mg/kg	0.911	0.158	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Beryllium, Total	0.319	J	mg/kg	0.455	0.030	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Cadmium, Total	0.146	J	mg/kg	0.911	0.089	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Calcium, Total	1580		mg/kg	9.11	3.19	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Chromium, Total	5.89		mg/kg	0.911	0.087	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Cobalt, Total	3.35		mg/kg	1.82	0.151	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Copper, Total	53.3		mg/kg	0.911	0.235	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Iron, Total	9000		mg/kg	4.55	0.822	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Lead, Total	10.2		mg/kg	4.55	0.244	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Magnesium, Total	1080		mg/kg	9.11	1.40	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Manganese, Total	112		mg/kg	0.911	0.145	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Mercury, Total	ND		mg/kg	0.074	0.016	1	03/23/19 07:30	03/25/19 16:15	EPA 7471B	1,7471B	GD
Nickel, Total	6.13		mg/kg	2.28	0.220	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Potassium, Total	201	J	mg/kg	228	13.1	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Selenium, Total	0.273	J	mg/kg	1.82	0.235	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.911	0.258	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Sodium, Total	32.1	J	mg/kg	182	2.87	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Thallium, Total	ND		mg/kg	1.82	0.287	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Vanadium, Total	8.93		mg/kg	0.911	0.185	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Zinc, Total	21.1		mg/kg	4.55	0.267	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8980		mg/kg	8.57	2.31	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Antimony, Total	0.480	J	mg/kg	4.29	0.326	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Arsenic, Total	2.78		mg/kg	0.857	0.178	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Barium, Total	33.0		mg/kg	0.857	0.149	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Beryllium, Total	0.326	J	mg/kg	0.429	0.028	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Cadmium, Total	0.248	J	mg/kg	0.857	0.084	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Calcium, Total	3570		mg/kg	8.57	3.00	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Chromium, Total	9.64		mg/kg	0.857	0.082	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Cobalt, Total	7.78		mg/kg	1.71	0.142	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Copper, Total	22.9		mg/kg	0.857	0.221	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Iron, Total	19600		mg/kg	4.29	0.774	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Lead, Total	27.8		mg/kg	4.29	0.230	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Magnesium, Total	4250		mg/kg	8.57	1.32	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Manganese, Total	491		mg/kg	0.857	0.136	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Mercury, Total	0.035	J	mg/kg	0.071	0.015	1	03/23/19 07:30	03/25/19 16:17	EPA 7471B	1,7471B	GD
Nickel, Total	15.5		mg/kg	2.14	0.207	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Potassium, Total	421		mg/kg	214	12.3	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.71	0.221	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.857	0.242	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Sodium, Total	49.7	J	mg/kg	171	2.70	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Thallium, Total	ND		mg/kg	1.71	0.270	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Vanadium, Total	11.7		mg/kg	0.857	0.174	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Zinc, Total	56.3		mg/kg	4.29	0.251	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9580		mg/kg	9.12	2.46	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Antimony, Total	1.06	J	mg/kg	4.56	0.347	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Arsenic, Total	14.1		mg/kg	0.912	0.190	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Barium, Total	63.9		mg/kg	0.912	0.159	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Beryllium, Total	0.511		mg/kg	0.456	0.030	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Cadmium, Total	0.374	J	mg/kg	0.912	0.089	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Calcium, Total	2820		mg/kg	9.12	3.19	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Chromium, Total	11.9		mg/kg	0.912	0.088	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Cobalt, Total	11.6		mg/kg	1.82	0.151	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Copper, Total	35.6		mg/kg	0.912	0.235	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Iron, Total	24400		mg/kg	4.56	0.824	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Lead, Total	42.2		mg/kg	4.56	0.244	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Magnesium, Total	3440		mg/kg	9.12	1.40	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Manganese, Total	876		mg/kg	0.912	0.145	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Mercury, Total	0.125		mg/kg	0.073	0.016	1	03/23/19 07:30	03/25/19 16:18	EPA 7471B	1,7471B	GD
Nickel, Total	21.7		mg/kg	2.28	0.221	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Potassium, Total	616		mg/kg	228	13.1	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Selenium, Total	0.292	J	mg/kg	1.82	0.235	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.912	0.258	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Sodium, Total	39.2	J	mg/kg	182	2.87	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Thallium, Total	0.338	J	mg/kg	1.82	0.287	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Vanadium, Total	15.9		mg/kg	0.912	0.185	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Zinc, Total	72.2		mg/kg	4.56	0.267	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	168.		mg/l	0.500	0.164	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Arsenic, Total	0.04637		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Barium, Total	1.840		mg/l	0.02500	0.00865	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM
Beryllium, Total	0.01012		mg/l	0.00050	0.00010	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00266		mg/l	0.00020	0.00005	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Calcium, Total	221.		mg/l	0.100	0.0394	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Chromium, Total	0.1476		mg/l	0.00100	0.00017	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Cobalt, Total	0.1347		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Copper, Total	0.2585		mg/l	0.00100	0.00038	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Iron, Total	187.		mg/l	3.00	0.955	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM
Lead, Total	0.3327		mg/l	0.00100	0.00034	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Magnesium, Total	59.4		mg/l	0.0700	0.0242	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Manganese, Total	5.584		mg/l	0.05000	0.02200	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM
Mercury, Total	0.00011	J	mg/l	0.00020	0.00006	1	03/22/19 14:20	03/25/19 18:19	EPA 7470A	1,7470A	EA
Nickel, Total	0.2662		mg/l	0.00200	0.00055	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Potassium, Total	13.8		mg/l	0.100	0.0309	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Selenium, Total	0.100		mg/l	0.00500	0.00173	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Silver, Total	0.00152		mg/l	0.00040	0.00016	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Sodium, Total	57.7		mg/l	0.100	0.0293	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Thallium, Total	0.00043	J	mg/l	0.00050	0.00014	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Vanadium, Total	0.08790		mg/l	0.00500	0.00157	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Zinc, Total	1.308		mg/l	0.5000	0.1705	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9.88		mg/l	0.0100	0.00327	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Arsenic, Total	0.01443		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Barium, Total	0.1060		mg/l	0.00050	0.00017	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00082		mg/l	0.00050	0.00010	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00147		mg/l	0.00020	0.00005	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Calcium, Total	297.		mg/l	0.100	0.0394	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Chromium, Total	0.01514		mg/l	0.00100	0.00017	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Cobalt, Total	0.02005		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Copper, Total	0.02024		mg/l	0.00100	0.00038	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Iron, Total	26.8		mg/l	0.0600	0.0191	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Lead, Total	0.02918		mg/l	0.00100	0.00034	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Magnesium, Total	31.6		mg/l	0.0700	0.0242	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Manganese, Total	5.746		mg/l	0.05000	0.02200	50	03/22/19 18:53	03/25/19 13:22	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/22/19 14:20	03/25/19 18:24	EPA 7470A	1,7470A	EA
Nickel, Total	0.03961		mg/l	0.00200	0.00055	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Potassium, Total	30.0		mg/l	0.100	0.0309	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Selenium, Total	0.00887		mg/l	0.00500	0.00173	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Silver, Total	0.00018	J	mg/l	0.00040	0.00016	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Sodium, Total	16.9		mg/l	0.350	0.0293	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Vanadium, Total	0.01857		mg/l	0.00500	0.00157	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Zinc, Total	0.06466		mg/l	0.01000	0.00341	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	288.		mg/l	1.00	0.327	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Antimony, Total	0.00203	J	mg/l	0.00800	0.00085	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Arsenic, Total	0.5491		mg/l	0.00100	0.00033	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Barium, Total	7.488		mg/l	0.05000	0.01730	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00849		mg/l	0.00100	0.00021	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00866		mg/l	0.00040	0.00011	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Calcium, Total	3180		mg/l	10.0	3.94	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Chromium, Total	0.3891		mg/l	0.00200	0.00035	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Cobalt, Total	0.4756		mg/l	0.00100	0.00032	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Copper, Total	2.350		mg/l	0.1000	0.03840	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Iron, Total	903.		mg/l	5.00	1.91	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Lead, Total	1.092		mg/l	0.1000	0.03430	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Magnesium, Total	205.		mg/l	0.140	0.0484	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Manganese, Total	72.50		mg/l	0.1000	0.04400	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Mercury, Total	0.00015	J	mg/l	0.00020	0.00006	1	03/22/19 14:20	03/25/19 18:26	EPA 7470A	1,7470A	EA
Nickel, Total	0.7662		mg/l	0.00400	0.00111	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Potassium, Total	22.1		mg/l	0.200	0.0618	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Selenium, Total	0.0859		mg/l	0.0100	0.00346	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Silver, Total	0.00403		mg/l	0.00080	0.00032	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Sodium, Total	57.0		mg/l	0.200	0.0586	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Thallium, Total	0.00194		mg/l	0.00100	0.00028	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Vanadium, Total	0.3111		mg/l	0.01000	0.00314	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Zinc, Total	4.470		mg/l	1.000	0.3410	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09-11 Batch: WG1218583-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/22/19 14:20	03/25/19 17:45	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09-11 Batch: WG1218673-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Antimony, Total	0.00069	J	mg/l	0.00400	0.00042	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Iron, Total	0.0431	J	mg/l	0.0600	0.0191	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Sodium, Total	ND		mg/l	0.350	0.0293	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Thallium, Total	0.00032	J	mg/l	0.00050	0.00014	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1218701-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/22/19 22:09	03/27/19 00:55	1,6010D	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Arsenic, Total	0.108	J	mg/kg	0.400	0.083	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Copper, Total	0.200	J	mg/kg	0.400	0.103	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Iron, Total	0.396	J	mg/kg	2.00	0.361	1	03/22/19 22:09	03/27/19 00:55	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	03/22/19 22:09	03/25/19 13:23	1,6010D	PS
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Manganese, Total	0.108	J	mg/kg	0.400	0.064	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Sodium, Total	ND		mg/kg	80.0	1.26	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1218781-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	03/23/19 07:30	03/25/19 15:52	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1218583-2								
Mercury, Total	108		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1218673-2					
Aluminum, Total	109	-	80-120	-	
Antimony, Total	110	-	80-120	-	
Arsenic, Total	111	-	80-120	-	
Barium, Total	107	-	80-120	-	
Beryllium, Total	113	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Calcium, Total	108	-	80-120	-	
Chromium, Total	110	-	80-120	-	
Cobalt, Total	106	-	80-120	-	
Copper, Total	105	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	114	-	80-120	-	
Manganese, Total	105	-	80-120	-	
Nickel, Total	109	-	80-120	-	
Potassium, Total	105	-	80-120	-	
Selenium, Total	110	-	80-120	-	
Silver, Total	118	-	80-120	-	
Sodium, Total	112	-	80-120	-	
Thallium, Total	107	-	80-120	-	
Vanadium, Total	109	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1218673-2					
Zinc, Total	111	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1218701-2 SRM Lot Number: D101-540					
Aluminum, Total	68	-	50-151	-	
Antimony, Total	144	-	3-196	-	
Arsenic, Total	105	-	83-117	-	
Barium, Total	91	-	83-118	-	
Beryllium, Total	93	-	83-117	-	
Cadmium, Total	101	-	83-117	-	
Calcium, Total	93	-	81-119	-	
Chromium, Total	99	-	81-118	-	
Cobalt, Total	102	-	84-116	-	
Copper, Total	97	-	83-116	-	
Iron, Total	96	-	62-138	-	
Lead, Total	97	-	83-117	-	
Magnesium, Total	91	-	76-124	-	
Manganese, Total	97	-	82-118	-	
Nickel, Total	101	-	82-117	-	
Potassium, Total	84	-	71-130	-	
Selenium, Total	100	-	79-121	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	103	-	72-127	-	
Thallium, Total	101	-	81-119	-	
Vanadium, Total	102	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1218701-2 SRM Lot Number: D101-540					
Zinc, Total	102	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1218781-2 SRM Lot Number: D101-540					
Mercury, Total	84	-	65-135	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218583-3 QC Sample: L1910719-10 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00543	109		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218673-3 QC Sample: L1911137-01 Client ID: MS Sample										
Aluminum, Total	0.014	2	2.08	103		-	-	75-125	-	20
Antimony, Total	0.0012J	0.5	0.5937	119		-	-	75-125	-	20
Arsenic, Total	0.0003J	0.12	0.1347	112		-	-	75-125	-	20
Barium, Total	0.0367	2	2.160	106		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05471	109		-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05814	114		-	-	75-125	-	20
Calcium, Total	34.1	10	43.8	97		-	-	75-125	-	20
Chromium, Total	0.0003J	0.2	0.2091	104		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5250	105		-	-	75-125	-	20
Copper, Total	0.0007J	0.25	0.2572	103		-	-	75-125	-	20
Iron, Total	0.103	1	1.36	**126**	Q	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5803	114		-	-	75-125	-	20
Magnesium, Total	6.77	10	17.4	106		-	-	75-125	-	20
Manganese, Total	0.0183	0.5	0.5241	101		-	-	75-125	-	20
Nickel, Total	0.0021	0.5	0.5161	103		-	-	75-125	-	20
Potassium, Total	0.651	10	10.7	100		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.138	115		-	-	75-125	-	20
Silver, Total	ND	0.05	0.05508	110		-	-	75-125	-	20
Sodium, Total	10.4	10	20.4	100		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1262	105		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5192	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218673-3 QC Sample: L1911137-01 Client ID: MS Sample									
Zinc, Total	0.0836	0.5	0.6392	111	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218701-3 QC Sample: L1909953-01 Client ID: MS Sample										
Aluminum, Total	6950	183	5720	**0**	Q	-	-	75-125	-	20
Antimony, Total	1.80J	45.8	36.8	80		-	-	75-125	-	20
Arsenic, Total	3.82	11	15.7	108		-	-	75-125	-	20
Barium, Total	257	183	568	**170**	Q	-	-	75-125	-	20
Beryllium, Total	0.256	4.58	4.01	82		-	-	75-125	-	20
Cadmium, Total	2.97	4.67	7.14	89		-	-	75-125	-	20
Calcium, Total	12000	917	6640	**0**	Q	-	-	75-125	-	20
Chromium, Total	17.5	18.3	39.5	120		-	-	75-125	-	20
Cobalt, Total	5.47	45.8	43.0	82		-	-	75-125	-	20
Copper, Total	314	22.9	313	**0**	Q	-	-	75-125	-	20
Iron, Total	13200	91.7	15700	**2730**	Q	-	-	75-125	-	20
Lead, Total	730	46.7	862	**282**	Q	-	-	75-125	-	20
Magnesium, Total	5000	917	4040	**0**	Q	-	-	75-125	-	20
Manganese, Total	246	45.8	250	**9**	Q	-	-	75-125	-	20
Nickel, Total	13.3	45.8	49.6	79		-	-	75-125	-	20
Potassium, Total	379	917	1130	82		-	-	75-125	-	20
Selenium, Total	0.404J	11	10.1	92		-	-	75-125	-	20
Silver, Total	0.507	27.5	25.4	90		-	-	75-125	-	20
Sodium, Total	190	917	1020	90		-	-	75-125	-	20
Thallium, Total	ND	11	7.46	**68**	Q	-	-	75-125	-	20
Vanadium, Total	20.3	45.8	58.9	84		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218701-3 QC Sample: L1909953-01 Client ID: MS Sample										
Zinc, Total	1110	45.8	1440	**720**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218781-3 QC Sample: L1911169-01 Client ID: S-1										
Mercury, Total	ND	0.148	0.153	103		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218583-4 QC Sample: L1910719-10 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218673-4 QC Sample: L1911137-01 Client ID: DUP Sample						
Lead, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218701-4 QC Sample: L1909953-01 Client ID: DUP Sample						
Lead, Total	730	932	mg/kg	**24**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218781-4 QC Sample: L1911169-01 Client ID: S-1						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	03/22/19 13:25	03/22/19 15:50	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	03/22/19 13:25	03/22/19 15:51	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	1.1	J	mg/kg	1.3	0.27	1	03/22/19 13:25	03/22/19 15:52	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	03/22/19 13:25	03/22/19 15:55	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	03/22/19 13:25	03/22/19 15:56	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	03/22/19 13:25	03/22/19 15:57	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	0.47	J	mg/kg	1.1	0.23	1	03/22/19 13:25	03/22/19 15:58	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	03/22/19 13:25	03/22/19 15:59	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.364		mg/l	0.005	0.001	1	03/22/19 17:10	03/25/19 10:45	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.547		mg/l	0.010	0.003	2	03/22/19 17:10	03/25/19 11:46	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.186		mg/l	0.005	0.001	1	03/22/19 17:10	03/25/19 11:50	1,9010C/9012B	LH

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG1218549-1										
Cyanide, Total	ND		mg/kg	1.0	0.21	1	03/22/19 13:25	03/22/19 15:43	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 09-11 Batch: WG1218640-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/22/19 17:10	03/25/19 10:28	1,9010C/9012B	LH

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1218549-2 WG1218549-3								
Cyanide, Total	86		83		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 09-11 Batch: WG1218640-2 WG1218640-3								
Cyanide, Total	93		96		85-115	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1218549-4 WG1218549-5 QC Sample: L1911366-37 Client ID: MS Sample												
Cyanide, Total	ND	10	9.9	95		9.6	95		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 09-11 QC Batch ID: WG1218640-4 WG1218640-5 QC Sample: L1911192-01 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.186	93		0.187	94		80-120	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1218471-1 QC Sample: L1911169-01 Client ID: S-1						
Solids, Total	84.5	84.3	%	0		20

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-01A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-01B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-01C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-01D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-01F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-01X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-01Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-01Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-02A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-02B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-02C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-02D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-02F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-02X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-02Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-02Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-03A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-03B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-03C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-03D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-03F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-03X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-03Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-03Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-04A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-04B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-04C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-04D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-04F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-04X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-04Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-04Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-05A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-05B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-05C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-05D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-05F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-05X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-05Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-05Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-06A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-06B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-06C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-06D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-06E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-06F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-06X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-06Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-06Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-07A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-07B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-07C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-07D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-07E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-07F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-07X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-07Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-07Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-08A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-08B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-08C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-08D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-08F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-08X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-08Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-08Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-09A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-09B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-09C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-09D	Plastic 500ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1911169-09E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L1911169-09F	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-09G	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-09H	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-09I	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-09J	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-09K	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-10A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-10B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-10C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-10D	Plastic 500ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1911169-10E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L1911169-10F	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-10G	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-10H	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-10I	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-10J	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-10K	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-11A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-11B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-11C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-11D	Plastic 500ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1911169-11E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L1911169-11F	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-11G	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-11H	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-11I	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-11J	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-11K	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

Container Comments

L1911169-09D

*Values in parentheses indicate holding time in days

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 3/22/19

ALPHA Job #: L1911169

Client Information
Client: Hillmann Consulting
Address: 1600 Rt. 22 E
Union, NJ 07083
Phone: (908)688-7800
Fax:
Email:

Project Information
Project Name: GL-2423
Project Location: NY
Project #: GL-2423
(Use Project name as Project #) ☒
Project Manager: R. K. Powell
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 5 Day

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria (TOGS)
☒ Other NY Soil Sco+GW

Billing Information
☒ Same as Client Info
PO # GL-2423

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS
TAL/TCL+3D

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL/TCL+3D	Sample Specific Comments
L1169-01	S-1	3-20-19	0910	S	RKP	X	
-02	S-2		0945	S		X	
-03	S-3		1005	S		X	
-04	S-4		1100	S		X	
-05	S-5		1120	S		X	
-06	S-6		1130	S		X	
-07	S-7		1150	S		X	
-08	S-8		1205	S		X	
-09	TWP-1		1045	GW		X	
-10	TWP-3	↓	1135	GW	↓	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type										
Preservative										

Relinquished By:	Date/Time	Received By:	Date/Time
R K Powell	3-21-19 1112	[illegible]	3-21-19 1112
[illegible]	3-21-19 1630	D. Santos MM	3/21/19 1900
D. Santos MM	3/21/19 2240		3/21/19 2240

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 3/22/19

ALPHA Job #: L911169

Client Information
Client: Hillman Consulting
Address:
Phone:
Fax:
Email:

Project Information
Project Name: GC-2423
Project Location: NY
Project #: GC-2423
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 5 Day

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO # GC-2423

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria (TOGS)
☒ Other NY Soil SCO+ GW

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL/TCL+30	Total Bottle	Sample Specific Comments
11169-11	TWP-8	3-20-19	1225	GW	RKP	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	3-21-19 11:12	[illegible]	3-21-19 1112
[illegible]	3-21-19 1630	B. Santos MA	3/21/19 1900
B. Santos MA	3/21/19 2240		3/21/19 2240

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

HILLMANN GROUP, LLC

PHASE I ENVIRONMENTAL SITE ASSESSMENT-UPDATE

135 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601

AUGUST 28, 2007

HILLMANN PROJECT #E3-2155

PREPARED FOR:
ADMIRAL HALSEY, L.P.
C/O OMNI NEW YORK, LLC
885 SECOND AVE, 31ST FLOOR, SUITE C
NEW YORK, NY 10017

ALLIANT CREDIT FACILITY, LTD ISAOA
ALLIANT CREDIT FACILITY, ALP, LLC ISAOA

CITIBANK, NA
ONE COURT SQUARE
45TH FLOOR, ZONE 12
LONG ISLAND CITY, NY 11120

NEW YORK STATE FINANCE AGENCY
641 LEXINGTON AVE, 4TH FLOOR
NEW YORK, NY 10022

Nationwide Engineering & Environmental Consulting
1600 Route 22 East, Union, New Jersey 07083
(908) 688-7800 Fax (908) 686-2636 Email: corporate@hillmanngroup.com
Office locations: New Jersey, New York, Pennsylvania, Massachusetts, Virginia, Florida, California, Engineering Division: New Jersey
www.hillmanngroup.com

HILLMANN GROUP, LLC

August 28, 2007

Admiral Halsey, L.P.
c/o Omni New York, LLC
885 Second Ave, 31st Floor, Suite C
New York, NY 10017
Attn: Ms. Courtney Reed

Alliant Credit Facility, Ltd ISAOA
Alliant Credit Facility, ALP, LLC ISAOA
21600 Oxnard Street, Suite 1200 Woodland Hills, CA 91367

New York State Finance Agency
641 Lexington Ave, 4th Floor
New York, NY 10022

Citibank, NA
One Court Square
45th Floor, Zone 12
Long Island City, NY 11120

RE: Phase I Environmental Site Assessment-Update
135 Main Street
Poughkeepsie, New York 12601
Hillmann Project No. E3-2155

Dear Ms. Reed:

Hillmann Group, LLC, is pleased to provide the results of our Phase I Environmental Site Assessment Update of the above referenced property. This assessment was performed in accordance with the scope and limitations of ASTM Practice E 1527-05.

This report is for the exclusive use of the entities named on the front cover, its affiliates, designates and assignees, rating agencies, prospective bond holders and bond holders, and no other party shall have any right to rely on any service provided by Hillmann Group, LLC, without prior written consent.

In addition, this report is addressed to Citibank, NA (Citibank), such other persons as may be designated by Citibank and their respective successors and assigns. Special Conditions include (i) the Report may be relied upon by Citibank in determining whether to make a loan evidenced by a note ("the Property Note") secured by the Property, (ii) the Report may be relied upon by any purchaser in determining whether to purchase the Property Note from Citibank and any rating agency rating securities issued by, or representing an interest in, the Mortgage Note, (iii) the Report may be referred to in and included with materials offering for sale the Property Note or an interest in the Property Note, (iv) persons who

acquire the Property Note or an interest in the Property Note may rely on the Report, and (v) the Report speaks only as of its date in the absence of a specific written update of the Report.

We appreciate the opportunity to provide engineering services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact the undersigned at 908-688-7800.

Very Truly Yours,
Hillmann Group, LLC

David Rutherford
Director, Due Diligence Services

Craig Downs
National Accounts Manager

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1.0 EXECUTIVE SUMMARY

At the request of Admiral Halsey LP (Client), Hillmann Group, LLC (Hillmann), performed a Phase I Environmental Site Assessment Update (ESA-U) of the property located at 135 Main Street in Poughkeepsie, New York (the Property). This report updates a previous Phase I ESA of the Property that was completed by Hillmann on January 22, 2007. This assessment has been conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-05 for Phase I Environmental Site Assessments.

1.1 Property Summary Table

A summary of the pertinent details of the project is provided below:

PROJECT SUMMARY TABLE					
Name of Client			Admiral Halsey LP		
Client Project No.:			None Provided		
Client Contact:			Ms. Courtney Reed		
Description of Project			Phase I Environmental Site Assessment		
Property Name:			135 Main Street		
Property Address:			135 Main Street		
City:	Poughkeepsie	**County:**	Dutchess	**State:**	New York
Tax Map designation:		**Block:**	76	**Lot:**	911
Property Area:		2.20 acres			
Building Area:		Approximately 98,000 ft²			
Property Usage:		Residential			
Year Built:		1975			
Property Owner:		Admiral William F. Halsey Village I SR			
Zoning Information:		Not Provided			
Assessment Personnel:		Mr. Chris Hirschmann/Ms. Theresa Serrano			
Accompanied/Escorted By:		Ms. Sue Kimmerle, Property Manager			
Property Contact Phone Number:		Ms. Sue Kimmerle, (845) 471-9788			
Inspection Date:		March 27 & June 15, 21 & 22, 2007			

1.2 Summary of Findings

The following table summarizes the individual sections of this assessment. This table, alone, does not constitute the complete assessment. The report must be reviewed in its entirety.

FINDINGS SUMMARY				
ASSESSMENT SECTION	ACCEPTABLE	O&M RECOM'D	REC/ FURTHER ACTION	REF. SECTION
Historical Review	X			5.0
Regulatory Review	X			8.0
Site Use	X			3.2/6.2
Hazardous Materials	X			6.3
USTs	X			6.6
ASTs	X			6.6
PCBs	X			6.7
Waste / Discharges	X			6.4/6.5
ACM	X			7.1
Lead Paint	X			7.2
Drinking Water Quality	X			6.11
Radon	X			7.3
Adjoining/Surrounding Area	X			3.6

1.3 Conclusions

Hillmann has performed a Phase I Environmental Site Assessment – Update in accordance with the scope and limitations of ASTM Practice E 1527-05 of the Property as described in Section 3 of this report. Any additions to, exceptions to, or deletions from this practice are described in Section 2 of this report. This update assessment has revealed no evidence of *recognized environmental conditions* (RECs) in connection with the Property, except for the following:

- A Limited Phase II Investigation report was prepared by Hillmann in March 2007 to evaluate two recognized environmental condition that were identified by Hillmann's prior Phase I ESA report. The RECs included a potential impact to the environment from a former coal gasification plant; and a historic underground storage tank (UST) that was identified by review of Sanborn Fire Insurance Maps of the Property. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection and analysis of soil and groundwater samples. The results of the investigation identified the presence of residual contamination which could be

attributed to the past manufactured gas plant usage. The Limited Phase II Investigation identified elevated levels of metals and PAHs in soils throughout the property. Hillmann understands that Omni has obtained a "Property Use and Work Plan" to protect against possible contamination exposure. This document provides insight on which procedures to follow during excavation activities. In addition, this document is site specific and will only pertain to the subject property. Hillmann has contacted the NYSDEC directly, and was informed that there is no requirement to report a spill to the NYSDEC. Therefore Hillmann does not recommend reporting the results to the NYDEC. Hillmann notes that a *Soil and Groundwater Contamination Health and Safety Plan* was developed for the Property on behalf of Admiral Halsey LP, dated July 11, 2007.

Hillmann has also performed cursory evaluations for ASTM "Non-Scope" items, such as asbestos-containing materials, lead-based paint, radon and mold. Our observations and research identified no concerns in addition to those discussed by the prior Phase I ESA, except as follows:

- Property management provided a copy of an Asbestos Inspection Survey and Operations and Maintenance Program of the property prepared by EHI and dated June 15, 2007. The survey report identifies the presence of asbestos containing floor tile and associated mastic, boiler flue insulation, boiler gasket material and electrical insulation at the Property. Given that an O&M Program has been prepared, no further investigation is recommended at this time regarding asbestos.

1.4 Recommendations

Based on the findings of the Phase I Environmental Site Assessment Update, Hillmann recommends no additional environmental study at this time.

2.0 PURPOSE AND LIMITATIONS

2.1 Purpose and Scope

Hillmann Group, LLC, was retained by Omni to conduct a Phase I Environmental Site Assessment Update of the Property in accordance with the scope of work detailed in the Hillmann Group contact. The purpose of this report is to update the findings of Hillmann's previously completed assessment of the Property dated January 22, 2007.

This assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-05. The ASTM describes these methodologies as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

The term *recognized environmental conditions (RECs)* is defined by the ASTM as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *REC*s.

The chief components of this update assessment are described as follows:

- A visual inspection of the Property and adjoining properties for evidence of recognized environmental conditions; and or conditions that have changed since the field inspection of the prior Phase I ESA.

- An updated review of regulatory records and data as per ASTM guidelines. This includes a regulatory review of federal and state environmental databases, and other local environmental records, within specific search distances defined by the ASTM.

- Interviews with property representatives regarding the current environmental condition of the Property.

- Review and summary of any environmental investigation reports conducted since the date of the prior Phase I ESA.

These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

2.2 Inaccessible Locations

Hillmann is not aware of any notable areas of the Property that were excluded from our visual inspection.

2.3 Limitations and Exceptions

Site inspections for the assessment update were conducted on March 27, 2007 in conjunction with the Phase II Investigation activities on the exterior of the Property; and on June 15, 21 & 22, 2007 in conjunction with assessment for vapor intrusion within the existing building. Historic research data gaps are detailed in Section 5, if applicable. No other exceptions or deletions from the ASTM Standard E 1527-05 are reported.

2.4 Abbreviations/Acronyms

Hillmann may use the following abbreviations and acronyms for common terminology described in our report. Not all abbreviations or acronyms may be applicable to this report:

ACM – Asbestos-containing Material
AST – Aboveground Storage Tank
ASTM – American Standard for Testing Materials
FOIA – Freedom of Information Act
HVAC – Heating Ventilation & Air Conditioning
HREC – Historic Recognized Environmental Condition
IAQ – Indoor Air Quality
LBP – Lead-based Paint
LTANK – Leaking Storage Tank
MSDS – Material Safety Data Sheet
REC – Recognized Environmental Condition
UST – Underground Storage Tank

2.5 Special Terms and Conditions

Hillmann has prepared this Phase I Environmental Site Assessment Update using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances, wastes and petroleum products at the Property. The methodology of this Phase I Environmental Site Assessment Update was consistent with the ASTM Standard Practice for E 1527-05. Findings within this report are based on information collected from observations made on the day of the site investigation and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation or other construction purposes. Hillmann makes no representation or warranty that the past or current

operations at the Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes.

Findings, conclusions and recommendations presented in this report are based on our visual observations of the Property, the municipal research findings reasonably obtained, information provided by the Client, and/or a review of readily available and supplied drawings and documents. Hillmann relies completely on the information, whether written, graphic or verbal, provided by the subject Property contact(s) or as shown on any documents reviewed or received from the subject Property contact, owner or agent, or municipal source, and assumes that information to be true and correct. Although there may have been some degree of overlap in the information provided by these various sources, Hillmann did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this assessment.

Regardless of the findings stated in this report, Hillmann is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the assessment was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The report focuses on the Property and neighboring properties that could impact the Property. Neighboring properties listed in governmental environmental records are identified within specific search distances. The search distance varies depending upon the particular government record being checked. The regulatory research is designed to meet the requirements of ASTM Standard E 1527-05. The information provided in the regulatory database report is assumed to be correct and complete.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment to identify aboveground and underground storage tanks and ancillary equipment. “Reasonable efforts” are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify subsurface equipment that may have been hidden from view due to parked automobiles and other vehicles, snow cover, vegetative growth, pavement, construction or debris pile storage or incorrect information from sources.

Hillmann is not a professional title insurance firm and makes no guarantee, explicit or implied, that the records which were reviewed represent a comprehensive or precise delineation of past Property ownership or tenancy for legal purposes.

3.0 USER PROVIDED INFORMATION

Review of title records is not included in the scope of work for this assessment project. No information regarding environmental liens or activity and use limitations was provided to Hillmann by the Client.

Other than their knowledge of the environmental conditions related to historic USTs and the historical manufactured gas plant operations, no indication of any specialized knowledge or experience regarding the Property was reported to Hillmann by the client.

No indication of any commonly known or reasonably ascertainable information was provided by the Client.

No information was provided by the Client to Hillmann regarding a reduction in value of the Property value due to environmental problems or conditions.

It is Hillmann's understanding that the Phase I ESA was being performed to assist in obtaining financing for development issues.

4.0 PROPERTY DESCRIPTION

No significant changes were noted in the physical condition and characteristics of the Property since the prior ESA was site reconnaissance was completed. No changes in the use of the property were noted since the prior ESA. The property is utilized as a senior housing complex.

No significant changes in the occupancy or usage of the adjoining properties since the time of the prior ESA were noted.

The following describes adjacent and abutting properties:

DIRECTION	DESCRIPTION
North-	Apartments
East-	Apartments
South-	Senior housing across Main Street
West-	Single-family residential across North Perry Street

5.0 HISTORICAL RECORDS REVIEW

5.1 Summary of Historic Records Review Findings from Prior ESA

During the prior Phase I ESA, Hillmann conducted research in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the Property. Standard historical sources were sought in an attempt to document the past uses of the Property as far back as it can be shown that the Property contained structures; or from the time the Property was first used for residential, agricultural, commercial, industrial or governmental purposes.

The existing apartment building at the Property was originally constructed circa 1975. Prior to the current use, the Property was improved for various commercial uses including retail stores, a dairy facility, a pottery facility and a coal gas works. Potential historic use impacts typically associated with historic coal gasification plants to the Property may include residual contamination generated by operations at the gas works site, including but not limited to coal tar and polyaromatic hydrocarbons (PAHs), and residual contamination generated by operations at the dairy site, including oil, grease and gasoline range organics.

5.2 Prior Investigation Reports:

Since the completion of the prior Phase I ESA, Hillmann has conducted the following additional environmental investigations of the Property:

Limited Phase II Investigation, dated May 2007, prepared on behalf of Admiral Halsey, L.P., c/o Omni New York, LLC.

> The purpose of the Limited Phase II Investigation report was to evaluate two recognized environmental conditions that were identified by Hillmann's prior Phase I ESA report. The RECs included a potential impact to the environment from a former coal gasification plant; and a historic underground storage tank (UST) that was identified by review of Sanborn Fire Insurance Maps of the Property. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection of soil samples. These samples were collected from borings through the asphalt parking lot, around the old UST and in the area of the historic coal gasification plant, on March 27, 2007. A Geoprobe drill rig was utilized to obtain nine (9) soil and three (3) groundwater samples, with five (5) additional soil samples obtained by hand auguring. The general sample types, locations and depths were selected to determine the overall extent and magnitude of potential contamination resulting from the former site use. The samples were analyzed for volatile organic compounds (VOC), base neutrals and acid extractable (BNA), and Priority Pollutant List Metals at an accredited laboratory.
>
> The following is a summary of the conclusions of the Limited Phase II Investigation:
>
> 1. The results of the investigation have identified the presence of contamination which could be attributed to past site usage. The environmental concerns identified through laboratory and field observations are the presence of metals and Polynuclear Aromatic Hydrocarbons (PAHs) present in the soil and groundwater. It appears that the contamination identified is

the result of former coal gasification processes conducted on site. Elevated levels of metals and PAHs are wide spread throughout the property. Minimal risk of exposure is expected in the areas of the parking lot and/or lawn area. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants. Due to the wide spread presence of elevated metals and PAHs around the property, Hillmann has determined that the contamination encountered did not originate from the historic UST, but as a result of the historic coal gasification plant. The historic UST was not found to have impacted the surrounding environment. Hillmann understands that Omni is in the process of obtaining a "Property Use and Work Plan" to protect against possible contamination exposure. This document will provide insight on which procedures to follow during excavation activities. This document will be site specific and will only pertain to the subject property. A copy of the work plan will be located at the facility.

The following items were recommended by the Limited Phase II Investigation:

1. Hillmann recommends leveling out the current garden area, then placing an impermeable membrane, as a separating layer, on top of the current soil surface to prevent any current contamination from possibly impacting clean soil in the garden area. A minimum of two (2) feet of certified, clean soil should be placed on top of the impermeable membrane and the garden beds assembled on top of this layer of clean soil. This should prevent the root systems of plants growing in the garden from reaching and possibly absorbing contamination from soils below the impermeable layer. This remediation technique should also protect residents or other individuals working in the garden from contaminants present in the soil.

2. It is recommended that air monitoring be performed on the first level of the housing complex due to the publications of vapor intrusion possibilities. Air monitoring will determine if there is any vapor intrusion present at the subject property. Hillmann is currently under contract wit Omni to provide air-monitoring testing.

3. The former Bayeaux Street manufacturing gas plant (MGP) was located on the corner of Main Street and North Perry (formerly Bayeaux Street), and is currently occupied by Admiral Halsey Senior Village. Hillmann has contacted the NYSDEC directly, and was informed that although compounds have been identified on site at levels above current clean up standards, there is no requirement to report a spill to the NYSDEC. Therefore Hillmann does not recommend reporting the results to the NYDEC at this time provided the completed "Property Use and Work Plan" is maintained on site, and is provided to any person conducting work below the surface at this site.

Vapor Intrusion Investigation, dated July 9, 2007, prepared on behalf of Admiral William F. Halsey Senior Center.

This report was conducted at the recommendation of the Hillmann Limited Phase II Investigation to further investigate the potential for vapor intrusion due to residual subsurface impacts from a historic manufactured gas plant (MGP) located at the Property. The work included a Pre-Inspection of the site with a visual inspection and measurements of Volatile Organic Compounds (VOCs) with a Photo Ionization Detector (PID); and vapor intrusion sampling consisting of the placement of six (6) summa canisters for a total duration of 24 hours. The summa canisters were analyzed for VOCs via the TO-15 Method as required for compliance with USEPA and NYDOH guidelines.

The report found that observed testing results were not indicative of vapor intrusion due to abandoned manufactured gas plants (MGP). The majority of the results were below the limit of detection for the analytical method employed. A small fraction of the results exceeded the limit of detection. These exceedances were randomly located and the constituents are consistent with common cleaning products. None of the areas with observed concentrations had a combination of components that could be associated with MGP vapor intrusions. In addition, the levels are likely to be transient and of little concern. Similar levels are often observed in occupied living spaces that have no potential for MGP vapor intrusion.

The report concluded that indoor air quality was not anticipated to cause occupant illness or require immediate remediation. Follow-up investigating and sampling should be conducted in the areas where increased volatile organic compounds (not suspected of being vapor intrusion) exist. Furthermore, the follow-up sampling on a periodic basis may be prudent (such as annual or bi-annual) to ensure these conditions do not change over time. If significant changes occur at the building (increase or decrease HVAC, digging, vibration, etc) the potential for vapor intrusion may increase.

Soil & Groundwater Contamination Health & Safety Plan, dated July 11, 2007, prepared on behalf of Admiral Halsey L.P by Environmental Health Investigations, Inc.

This report establishes the policy for managing potential exposures to chemicals which exist in low concentrations within the soil and ground water associated with the Admiral William F. Halsey Senior Village property located at 135 Main Street in Poughkeepsie, New York.

6.0 SITE RECONNAISSANCE/INTERVIEWS

6.1 Site Reconnaissance/Interviews

Hillmann revisited the Property on March 27, 2007 in conjunction with the Phase II Investigation activities on the exterior of the Property; and on June 15, 21 & 22, 2007 in conjunction with assessment for vapor intrusion within the existing building.

During Hillmann's observations of the property during the subsequent visits did not reveal via visual inspection any environmental conditions substantially different from those encountered during the prior Phase I ESA. No additional evidence of any recognized environmental conditions were encountered.

Property management completed an environmental questionnaire that was provided in conjunction with this assessment update. Ms. Sue Kimmerle of Admiral Halsey Senoir Village completed the questionnaire on behalf of the property management. The completed questionnaire did not indicate any evidence of recognized environmental conditions other than those discussed in the prior Phase I ESA.

7.0 NON-ASTM SCOPE CONCERNS

7.1 Asbestos-Containing Material (ACM)

Property management provided a copy of an Asbestos Inspection Survey and Operations and Maintenance Program of the property prepared by EHI and dated June 15, 2007. The survey report identifies the presence of asbestos containing floor tile and associated mastic, boiler flue insulation, boiler gasket material and electrical insulation at the Property.

7.2 Lead-Based Paint

Based on age of the building, lead-based paint may be present at the Property. In general, painted surfaces in the occupied areas of the building were noted to be in good condition with no significant areas of peeling or chipping noted.

7.3 Radon

Radon is a naturally occurring, colorless, odorless gas that is a byproduct of the decay of radioactive materials potentially present in bedrock and soil. Radon gas may enter the lowest level of a building through floor cracks, structural joints or plumbing conduits. The United States Environmental Protection Agency (USEPA) guidance level for annual residential exposure to radon is 4.0 picocuries per liter of air (pCi/L). The guidance level is not a regulatory requirement for private owners of commercial real estate, but is commonly used for comparison purposes to suggest whether further action at a building may be prudent.

Based on information obtained from data obtained by the US EPA, the Property is located in an area with a high potential for radon concentrations that exceed current USEPA action guidelines. Dutchess County is classified as a Zone 1 or ‘high risk’ area for radon. Radon tests have been conducted for the zip code 12601 and have shown results less than the action level of 4Pci/L. The average result for the living areas was 1.690 pCi/L, and for basements was 3.630 pCi/L.

7.4 Mold

Hillmann conducted a cursory inspection of the accessed areas of building interior for amplified mold growth and conditions conducive to amplified mold growth. No evidence of amplified mold growth, or conditions conducive to amplified mold growth, was noted at the time of the assessment.

8.0 REGULATORY RECORD REVIEWS

The databases discussed in this section, provided by Environmental Data Resources of Milford, CT, were reviewed for information regarding documented and/or suspected releases of regulated hazardous substances and/or petroleum products on or near the Property. Hillmann also reviewed the "unmappable" listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that cannot be plotted with confidence, but are identified as being located within the general area of the Property based on the partial street address, city name or zip code. In general, a listing cannot be mapped due to inaccurate or incomplete address information in the database that was supplied by the corresponding regulatory agency. Any listings from the unmappable summary that were identified by Hillmann as a result of the area reconnaissance and/or cross-referencing to mapped listings are included in the corresponding database discussion within this section.

REGULATORY DATABASE	SEARCH DISTANCE	ON-SITE LISTINGS	ADJ. PROPERTY LISTINGS	TOTAL WITHIN SEARCH DISTANCE
Fed. NPL	1-mile	0	0	0
Fed. Delisted NPL	1-mile	0	0	0
Fed. CERCLIS	½-mile	0	0	0
Fed. CERCLIS-NFRAP	½-mile	0	0	1
Fed. RCRA CORRACTS	1-mile	0	0	0
Fed. RCRA TSD	½-mile	0	0	0
Fed. RCRA Gen.	Site & Adj.	0	0	
Fed. ERNS	Site	0		
State & Tribal equiv. NPL	1-mile	0	0	0
State & Tribal equiv. CERCLIS	½-mile	0	0	0
State & Tribal SWF/LF	½-mile	0	0	1
State & Tribal LTANK	½-mile	0	0	23
State & Tribal Registered Stor. Tank	½-mile	1	1	
State & Tribal Eng. Control List	½-mile	0	0	0
State & Tribal Inst. Control List	½-mile	0	0	0
State & Tribal VCP	½-mile	0	0	0
State & Tribal Eng. Brownfields	½-mile	0	0	0

- *The results of the review for each database are discussed below. The locations for the facilities discussed in this section are shown on the figures in the EDR report, included as Appendix E. Facilities listed on databases that are greater than 1 mile distant from the Subject Property are situated too far away to present a recognized environmental condition. Consequently, only those facilities that are located within a mile and are situated in a presumed up gradient location are discussed in detail below. Certain facilities listed on databases are recognized to present an environmental condition only if they are within a ¼ mile or ½ mile distant from the Subject Property.*

- *According to the EPA Policy Toward Owners of Property Containing Contaminated Aquifers, dated July 3, 1995, the EPA will not take enforcement action against a property owner who owns property under which is an aquifer contaminated by subsurface migration from an off site source or sources. Therefore, the Subject Property owner would not be liable for any contamination of the underlying aquifer that was attributed to an off-site source.*

Tribal Jurisdiction: The Property is not located within an area that is under Tribal jurisdiction.

8.1 Federal Agency Record Review

EPA - The National Priorities List (NPL), also known as the Superfund list, is the United States Environmental Protection Agency (EPA) listing of uncontrolled or abandoned hazardous waste sites. These sites are targeted for possible long-term remedial action under the Superfund Act of 1980. The list is primarily based on the EPA's Hazardous Ranking System.

- The Property was not listed as an NPL facility.
- No NPL listings were identified within a one-mile radius of the Property.

EPA – Delisted NPL Site List (DNPL) provides a list of sites formerly listed on the NPL that have since been "de-listed" after the EPA has determined that no further response is appropriate.

- The Property was not listed as a DNPL facility.
- No DNPL listings were identified within a ½-mile radius of the Property.

EPA - The Resource Conservation and Recovery Information System (RCRIS) is a database of facilities, which generate or treat, store or dispose of EPA regulated hazardous waste, or meet other applicable requirements of the Resource Conservation and Recovery Act (RCRA). Inclusion on this database does not imply that mishandling or a release of hazardous waste has occurred at the facility. RCRIS categories are as follows:

Treatment, Storage, and Disposal Facilities (TSD). Facilities listed under TSD are sites that treat, store and/or dispose of EPA regulated hazardous waste.

- The Property was not listed as TSD facility.
- No TSD listings were identified within a ½-mile radius of the Property.

Corrective Action (CORRACTS) list is a list of hazardous waste treatment, storage or disposal facilities and other RCRIS facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the USEPA to undertake corrective action under RCRA.

- The Property was not listed as a CORRACTS facility.

- No CORRACTS listings were identified within a one-mile radius of the Property.

Large Quantity Generators (LQG). Facilities listed under LQG either generate more than 1000 kg of EPA regulated hazardous waste per month, or meet other applicable requirements of RCRA.

- Neither the Property nor any adjoining properties were identified on the LQG database.

Small Quantity Generators (SQG). Facilities listed under SQG either generate from 100 kilograms (kg) to 1000 kg of EPA regulated hazardous waste per month, or meet other applicable requirements of RCRA.

- Neither the Property nor any adjoining properties were identified on the SQG database.

EPA - The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is the EPA database of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation, by the EPA for the release or threatened release of hazardous substances.

- The Property was not identified on the CERCLIS database.

- No CERCLIS listings were identified within a ½-mile radius of the Property.

EPA – CERCLIS-NFRAP (No Further Remedial Action Planned) is the EPA database of archived sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time.

- The Property was not identified on the CERCLIS-NFRAP database.

- One (1) CERCLIS-NFRAP listing was identified within a ½-mile radius of the Property. The listed site is identified as Berncolors-Poughkeepsie, Inc. at 75 North Water Street, located approximately 1,795 feet to the northwest and down gradient from the Property based on area topography. Considering the NFRAP status of the listing, distance and topographic relation, this site is not considered a recognized environmental condition in connection with the Property.

EPA - The Emergency Response Notification System (ERNS) is a national database used to store information concerning the sudden and/or accidental release of hazardous substances, including petroleum, in quantities greater than the reportable quantity, as maintained at the National Response Center. The database contains preliminary information from spill reports made to various federal departments including the EPA.

- No listings were identified for the Property.

8.2 State Agency Record Review

State Hazardous Waste Sites (SHWS) database contains potential or confirmed hazardous substance release properties. This is the state equivalent to NPL *and* CERCLIS.

- The Property was not identified on the SHWS database.
- No SHWS listings were identified within a one-mile radius of the Property.

Solid Waste Facility/Landfill (SWF/LF) list provides information on the location of registered state landfills and associated transfer facilities.

- The Property was not identified on the SWF/LF database.
- One (1) SWF/LF listing was identified within a ½-mile radius of the Property. The listed site is identified as G.F. Refuse Transfer Station at 240 Main Street, located approximately 1,495 feet to the east-southeast and cross gradient from the Property based on area topography. No violations were reported. Considering the status of the listing, distance and topographic relation, this site is not considered a recognized environmental condition in connection with the Property.

Leaking Storage Tank (LTANK) is a comprehensive listing of all reported active and inactive leaking storage tank sites.

- The Property was not identified on the LTANK database.
- Twenty-three (23) LTANK listings were identified within a ½-mile radius of the Property. The closest listing in proximity to the Property is identified as Poughkeepsie City School at 12 South Terry Street, located approximately 270 feet to the south-southeast and cross gradient from the Property based on area topography. The case is reported as "Closed" on October 9, 1992. Considering the status of the listing, distance and topographic relation, this site is not considered a recognized environmental condition in connection with the Property.

Registered Storage Tank Database is the listing of registered storage tank sites. This includes the NYSDEC AST and UST databases.

- The Property was not identified on the AST database.
- No adjoining properties were identified on the AST database.
- The Property was identified on the UST and Historical UST databases as a closed UST facility, PBS #3-601156, with a single steel 10,000-gallon fuel oil UST reported as closed on October 1, 1997.

- One (1) adjoining property was identified on the UST database. The site is identified as River Care Nursing Home at 139-144 Main Street, located to the south across Main Street and topographically cross gradient from the Property based on area topography. The database reported one 1,500-gallon steel heating oil UST at this facility. This site was not listed on the LTANK or NY Spills database with any active spill cases. Considering the status of the listing and topographic relation, this site is not considered a recognized environmental condition in connection with the Property.

Engineering Controls Site Listing (ENG Controls) list provides information on the location of remediation sites using engineering controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

- The Property was not identified on the ENG Control database.

- No ENG Control listings were identified within a ½-mile radius of the Property.

Institutional Controls Site Listing (INST Controls) list provides information on the location of remediation sites using institutional controls as part of the response action. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

- The Property was not identified on the INST Control database.

- No INST Control listings were identified within a ½-mile radius of the Property.

Voluntary Cleanup Program (VCP) list provides information on the location of sites involved in a Voluntary Cleanup Program. Under a Voluntary Cleanup Program, a property owner will voluntarily enter into an agreement with a state or local environmental regulatory agency to conduct investigation and remediation for specific area(s) of concern.

- The Property was not identified on the VCP database.

- No VCP listings were identified within a ½-mile radius of the Property.

Brownfields (BF) list provides information on the location of sites involved in a state or local Brownfields program.

- The Property was not identified on the BF database.

- No BF listings were identified within a ½-mile radius of the Property.

The Property is not identified on any other database not covered by the ASTM standards.

Review of the remaining sites identified with the ASTM search parameters did not identify any sites that are considered to be recognized environmental conditions in connection with the Property.

8.3 Local Government Agencies

City of Poughkeepsie:
Hillmann submitted Freedom of Information Act request letters to the City of Poughkeepsie requesting available file information regarding the Property. A response was not received prior to the issuance of this report.

9.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Hillmann has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

David H. Rutherford
Environmental Professional

10.0 REFERENCES

Phase I Environmental Site Assessment, Hillmann Group LLC, 2007

EDR Radius Map Report with GeoCheck, Environmental Data Resources, 2007

11.0 APPENDICES

Appendix A	Maps/Diagrams
Appendix B	Reference Documentation
Appendix C	Regulatory Database Report

Appendix A

Maps/Diagrams

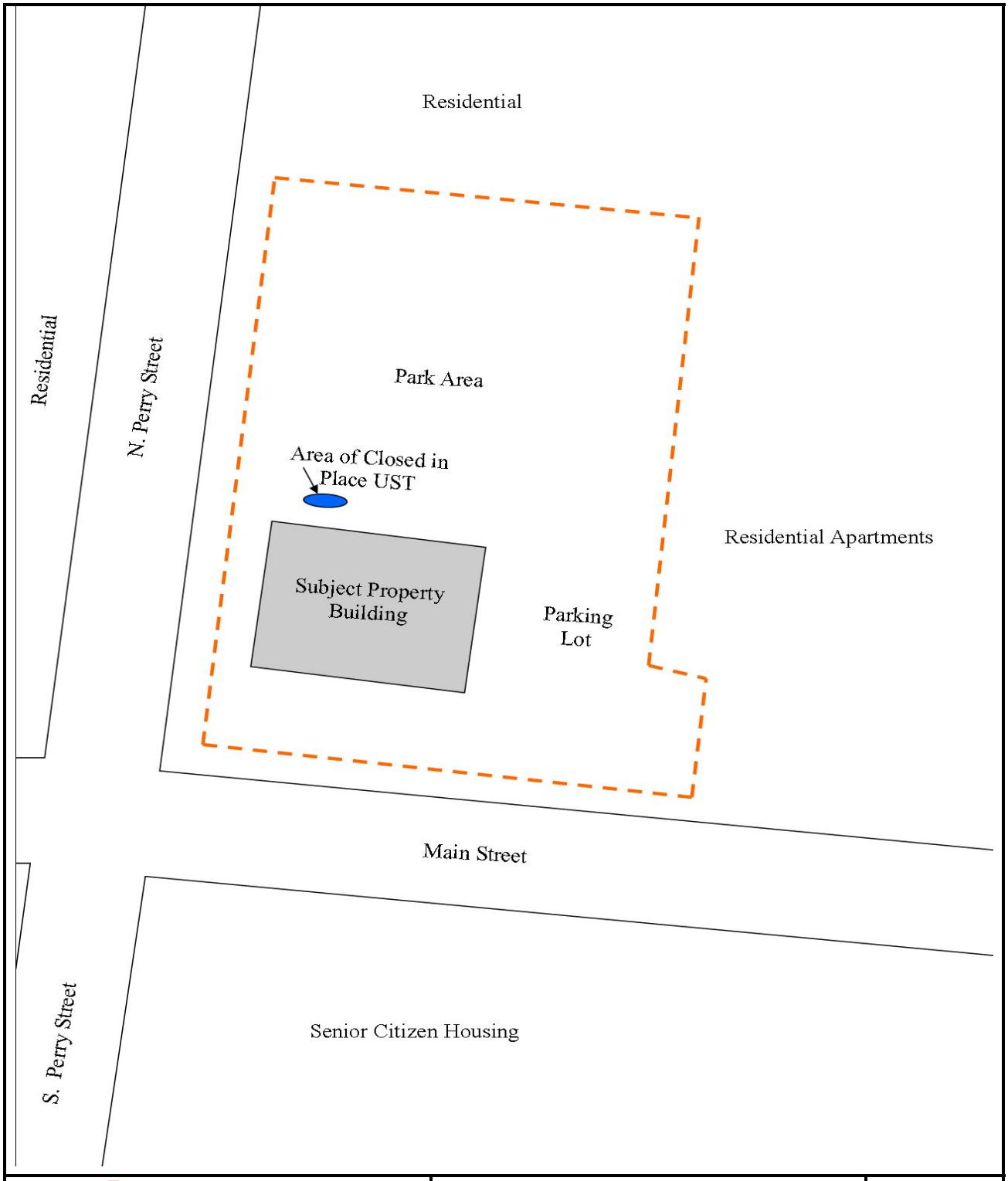
HILLMANN GROUP, LLC

Site Vicinity Map

135 Main Street
Poughkeepsie, NY

E3-1931

N



HILLMANN GROUP, LLC

Site Diagram
135 Main Street
Poughkeepsie, NY

E3-1931

(NOT TO SCALE)

North

Appendix B

Reference Documentation

HILLMANN GROUP, LLC

PHASE I ENVIRONMENTAL SITE ASSESSMENT

135 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601

JANUARY 22, 2007

HILLMANN PROJECT #E3-1931

PREPARED FOR:
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HILLMANN GROUP, LLC

January 22, 2007

Admiral Halsey, L.P.
c/o Omni New York, LLC
885 Second Ave, 31st Floor, Suite C
New York, NY 10017
Attn: Ms. Lulu Chou

Alliant Credit Facility, Ltd ISAOA
Alliant Credit Facility, ALP, LLC ISAOA
21600 Oxnard Street, Suite 1200 Woodland Hills, CA 91367

New York State Finance Agency
641 Lexington Ave, 4th Floor
New York, NY 10022

RE: Phase I Environmental Site Assessment
135 Main Street
Poughkeepsie, New York 12601
Hillmann Project No. E3-1931

Dear Ms. Chou:

Hillmann Group, LLC, is pleased to provide the results of our Phase I Environmental Site Assessment of the above referenced property. This assessment was performed in accordance with the scope and limitations of ASTM Practice E 1527-05.

This report is for the exclusive use of the entities named on the front cover, its affiliates, designates and assignees, rating agencies, prospective bond holders and bond holders, and no other party shall have any right to rely on any service provided by Hillmann Group, LLC, without prior written consent.

We appreciate the opportunity to provide engineering services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact the undersigned at 908-688-7800.

Very Truly Yours,
Hillmann Group, LLC

Stephanie Myers
Project Manager

David Rutherford
Environmental Professional

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1.0 EXECUTIVE SUMMARY

At the request of Omni (Client), Hillmann Group, LLC (Hillmann), performed a Phase I Environmental Site Assessment (ESA) of the property located at 135 Main Street in Poughkeepsie, New York (the Property). This assessment has been conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-05 for Phase I Environmental Site Assessments.

1.1 Property Summary Table

A summary of the pertinent details of the project is provided below:

PROJECT SUMMARY TABLE					
Name of Client	Omni				
Client Project No.:	None Provided				
Client Contact:	Lulu Chou				
Description of Project	Phase I Environmental Site Assessment				
Property Name:	135 Main Street				
Property Address:	135 Main Street				
City:	Poughkeepsie	**County:**	Dutchess	**State:**	New York
Tax Map designation:		**Block:**	76	**Lot:**	911
Property Area:	2.20 acres				
Building Area:	Approximately 98,000 ft²				
Property Usage:	Residential				
Year Built:	1975				
Property Owner:	Admiral William F. Halsey Village I SR				
Zoning Information:	Not Provided				
Assessment Personnel:	Ms. Stephanie Myers				
Accompanied/Escorted By:	Ms. Sue Kimmerle, Property Manager				
Property Contact Phone Number:	Ms. Sue Kimmerle, (845) 471-9788				
Inspection Date:	November 14, 2006				
Weather Conditions:	Cloudy, 55º F				

1.2 Summary of Findings

The following table summarizes the individual sections of this assessment. This table, alone, does not constitute the complete assessment. The report must be reviewed in its entirety.

FINDINGS SUMMARY				
ASSESSMENT SECTION	ACCEPTABLE	O&M RECOM'D	REC/ FURTHER ACTION	REF. SECTION
Historical Review			X	5.0
Regulatory Review	X			8.0
Site Use	X			3.2/6.2
Hazardous Materials	X			6.3
USTs			X	6.6
ASTs	X			6.6
PCBs	X			6.7
Waste / Discharges	X			6.4/6.5
ACM			X	7.1
Lead Paint	X			7.2
Drinking Water Quality	X			6.11
Radon	X			7.3
Adjoining/Surrounding Area	X			3.6

1.3 Conclusions

Hillmann has performed a Phase I Environmental Site Assessment in accordance with the scope and limitations of ASTM Practice E 1527-05 of the Property as described in Section 3 of this report. Any additions to, exceptions to, or deletions from this practice are described in Section 2 of this report. This assessment has revealed no evidence of *recognized environmental conditions* (RECs) in connection with the Property, except for the following:

- Prior to the current use, the Property was improved for various commercial uses including retail stores, a dairy facility, a pottery facility and a coal gas plant. Potential historic use impacts to the Property may include residual contamination generated by operations at the gas works site, including, but not limited to, coal tar and polyaromatic hydrocarbons (PAHs), and residual contamination generated by operations at the dairy site, including oil, grease and gasoline range organics, as well as the indicated presence of a gasoline UST on historic Sanborn maps. The Dutchess County Environmental Health Department, in response to an information request, indicated that Property is the site of the former Bayeaux

Street Coal Gasification Plant and referenced a NYSDEC regulatory case # (314070). The NYSDEC case file was requested and obtained for review. The case file contained a 1987 Phase I Investigation report of the former Bayeaux Street Coal Gas Plant. The Phase I report concluded that there was insufficient data to adequately characterize the site; and recommended a Phase II study. No documentation of any subsequent Phase II investigation was contained in the NYSDEC Case File.

- Ms. Sue Kimmerle of the Admiral W. F. Halsey Senior Village indicated that a 10,000-gallon heating oil UST was closed in place on the Property in 1976 and that soil and groundwater sampling was previously conducted within the last ten to fifteen years in the area of the former gas works on the Property. Hillmann was not provided with documentation regarding the UST closure and subsurface sampling.

- The Property was identified on the UST regulatory database with a single steel 10,000-gallon fuel oil UST with the status "closed". The site contact indicated that the former UST was filled with a concrete slurry and closed in place on the Property in 1991. Evidence of this UST was not observed on the Property during the site assessment. Documentation regarding the closure of the UST was not provided for review.

This assessment has revealed the following notable conditions:

- The Property utilizes one hydraulic trash compactor unit located in the basement. Considering the age of construction (1975), hydraulic fluid within the system may contain PCBs. No evidence of any significant release was observed from the trash compactor unit on the Property.

Hillmann has also performed cursory evaluations for ASTM "Non-Scope" items, such as asbestos-containing materials, lead-based paint, radon and mold. Our observations and research identified the following potential concerns:

- A limited visual screening for asbestos-containing materials (ACM) was conducted during the assessment. Suspect non-friable materials observed in good condition included suspended ceiling tiles, sheetrock, vinyl floor tiles and roofing materials. Suspect friable materials observed in damaged condition included approximately 15 square feet of boiler insulation, approximately 15 linear feet of pipe insulation and approximately 15 square feet of spray-on fireproofing. Additional suspect materials may be present in areas not specifically accessed; or in areas that are enclosed behind walls and above ceilings.

- Based on age of the building, lead-based paint may be present at the Property. In general, painted surfaces in the occupied areas of the building were noted to be in good condition with no significant areas of peeling or chipping noted.

- The Property is located in an EPA designated high-risk area for Radon; however county and local testing data reviewed did not indicate the Property zip code to be a high risk area.

1.4 Recommendations

- Copies of any prior soil and groundwater testing of the Property should be sought for review. In the absence of such Phase II data, a Phase II Site Assessment should be considered to determine whether the soil and groundwater at the Property was impacted by the former gas works and historic gasoline UST. Estimated cost budget for Phase II Site Assessment - $10,000 to $15,000.

- Documentation of the closure of the 10,000-gallon heating oil UST should be provided for review. If the documentation is not available from the Property, a Phase II Site Assessment should be considered to determine if the former UST impacted soil and groundwater at the property. See previous paragraph for estimated cost budget.

- If the Property is to be redeveloped, Hillmann recommends that any soil material, which is to be disturbed and or excavated during the proposed development, should be properly characterized prior to off-site disposal. If the material is suspected to contain hazardous material and/or waste, it should be stockpiled on site and further assessed by properly trained personnel. This assessment may include collection of soil samples for waste characterization analysis. In addition, if any storage tanks or other sub-grade systems are discovered during the redevelopment, the systems should be properly removed in accordance with all applicable rules and regulations.

- Prior to any renovations or alterations of the Property, sampling of any suspect ACM should be conducted. If ACM is identified, compliance with all regulations regarding these materials, including appropriate notifications, is recommended.

- Prior to any renovations or alterations at the Property, sampling of any suspect lead-based paint should be conducted. If lead-based paint is identified, the borrower is required to comply with all regulations regarding these materials, including appropriate notifications.

2.0 PURPOSE AND LIMITATIONS

2.1 Purpose and Scope

Hillmann Group, LLC, was retained by Omni to conduct a Phase I Environmental Site Assessment of the Property in accordance with the scope of work detailed in the Hillmann Group contact.

This assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-05. The ASTM describes these methodologies as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

The term *recognized environmental conditions (RECs)* is defined by the ASTM as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *REC*s.

The chief components of this assessment are described as follows:

- Review and discussion of current Property conditions regarding the presence or absence of hazardous chemicals/petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or medical wastes; electrical equipment that utilizes oils which potentially contain PCBs; and bulk storage tanks (above or below ground).

- Review and discussion of the usage of adjacent and nearby properties to identify the potential for contamination (if present and/or suspected) to migrate onto the Property.

- Summary of physical characteristics of the Property through a review of available topographic, geologic and groundwater data.

- Research of the historic uses of the Property through a review of reasonably ascertainable standard sources, such as fire insurance maps, city directories, aerial photographs, prior reports and interviews.

- A regulatory review of federal and state environmental databases, and other local environmental records, within specific search distances defined by the ASTM.

These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

A cursory evaluation for the following "Non-ASTM" concerns, such as the following:

- Suspect Asbestos-containing Materials
- Lead-based Paint
- USEPA Designated Radon Potential
- Indoor Air Quality (IAQ)/Mold

2.2 Inaccessible Locations

Hillmann is not aware of any notable areas of the Property that were excluded from our visual inspection.

2.3 Limitations and Exceptions

Historic research data gaps are detailed in Section 5, if applicable. No other exceptions or deletions from the ASTM Standard E 1527-05 are reported.

2.4 Abbreviations/Acronyms

Hillmann may use the following abbreviations and acronyms for common terminology described in our report. Not all abbreviations or acronyms may be applicable to this report:

ACM – Asbestos-containing Material
AST – Aboveground Storage Tank
ASTM – American Standard for Testing Materials
FOIA – Freedom of Information Act
HVAC – Heating Ventilation & Air Conditioning
HREC – Historic Recognized Environmental Condition
IAQ – Indoor Air Quality
LBP – Lead-based Paint
LTANK – Leaking Storage Tank
MSDS – Material Safety Data Sheet
REC – Recognized Environmental Condition
UST – Underground Storage Tank

2.5 Special Terms and Conditions

Hillmann has prepared this Phase I Environmental Site Assessment using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances, wastes and petroleum products at the Property. The methodology of this Phase I Environmental Site Assessment was consistent with the ASTM Standard Practice for E 1527-05. Findings within this report are based on information collected from observations

made on the day of the site investigation and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation or other construction purposes. Hillmann makes no representation or warranty that the past or current operations at the Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes.

Findings, conclusions and recommendations presented in this report are based on our visual observations of the Property, the municipal research findings reasonably obtained, information provided by the Client, and/or a review of readily available and supplied drawings and documents. Hillmann relies completely on the information, whether written, graphic or verbal, provided by the subject Property contact(s) or as shown on any documents reviewed or received from the subject Property contact, owner or agent, or municipal source, and assumes that information to be true and correct. Although there may have been some degree of overlap in the information provided by these various sources, Hillmann did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this assessment.

Regardless of the findings stated in this report, Hillmann is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the assessment was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The report focuses on the Property and neighboring properties that could impact the Property. Neighboring properties listed in governmental environmental records are identified within specific search distances. The search distance varies depending upon the particular government record being checked. The regulatory research is designed to meet the requirements of ASTM Standard E 1527-05. The information provided in the regulatory database report is assumed to be correct and complete.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment to identify aboveground and underground storage tanks and ancillary equipment. “Reasonable efforts” are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify subsurface equipment that may have been hidden from view due to parked automobiles and other vehicles, snow cover, vegetative growth, pavement, construction or debris pile storage or incorrect information from sources.

Hillmann is not a professional title insurance firm and makes no guarantee, explicit or implied, that the records which were reviewed represent a comprehensive or precise delineation of past Property ownership or tenancy for legal purposes.

3.0 PROPERTY DESCRIPTION

3.1 Property Location

The Property is located at 135 Main Street in Poughkeepsie, New York and is identified as Block 76, Lot 911 on the Duchess County, New York tax map. The latitude is North 41. 70540 degrees; longitude is West 73.93400 degrees.

3.2 Site and Vicinity Characteristics

The Property consists of an irregular shaped 2.20-acre parcel that fronts on the northeast corner of the intersection of Main Street and North Perry Street. The county-designated use of the site is *Apartments*. The area surrounding the Property is developed primarily with residential and commercial properties.

3.3 Current Use of the Property

The Property is currently occupied as a senior housing complex. No industrial process operations are conducted on the site.

3.4 Description of Property Improvements

The Property is developed with a 13-story plus basement, approximately 98,000-ft², apartment building constructed in 1975 and surface-level parking. The building has a masonry exterior and flat built-up roof system. Interior construction finishes noted during the assessment included and sheetrock walls, carpeted and vinyl tiled floors and suspended acoustic tile and sheetrock ceilings.

3.5 Utilities/Source of Heating

The Property is heated by a natural gas-fired boiler system located in the basement. Natural gas service is provided to the Property by the Hess Corporation. Electric service is provided by Central Hudson Power. Water and sewer services are provided by the City of Poughkeepsie.

3.6 Current Uses of the Adjoining Properties

The following describes adjacent and abutting properties:

DIRECTION	DESCRIPTION
North-	Apartments
East-	Apartments
South-	Senior housing across Main Street
West-	Single-family residential across North Perry Street

3.7 Physical Setting

3.7.1 Topography:

Based on a review of the United States Geological Survey (USGS) Poughkeepsie, New York 7.5 Minute Series Topographic Quadrangle Map, the Property is located at approximately 112 feet above mean sea level. The terrain at the Property is generally flat with a regional trend that slopes slightly downward to the west. The closest down gradient water body is the Hudson River.

3.7.2 Soils

Based on the United States Department of Agriculture - Soil Conservation Service data, the soil type at the Property is classified as Udorthents. This soil type is characterized by a loam surface texture and is well drained with an intermediate water holding capacity.

3.7.3 Geology

The property is underlain by a stratified sequence of materials of the Paleozoic Era, Ordovician System and Middle Ordovician Series. The depth to bedrock is typically greater than 60 inches.

3.7.4 Hydrology

Site specific data regarding depth to groundwater and groundwater flow direction was not available to Hillmann at the time of the assessment. Based on the topography noted at the Property, as well as review of the 7.5 minute series USGS topographic map showing the Property, groundwater is expected to flow generally to the west. Groundwater levels and/or flow direction(s) may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures or dewatering operations.

Wetlands are not suspected at the Property. The closest waterway is the Hudson River, located approximately 3/8 of a mile to the west.

According to the FEMA Flood Plain Panel #3602220001B, the property is not located within a 100 or 500 year flood zone.

4.0 USER PROVIDED INFORMATION

4.1 Title Records/Environmental Liens/Activity and Use Limitations

Review of title records is not included in the scope of work for this assessment project. No information regarding environmental liens or activity and use limitations was provided to Hillmann by the Client.

4.2 Specialized Knowledge or Experience

No indication of any specialized knowledge or experience regarding the Property was recorded to Hillmann by the client.

4.3 Commonly Known or Reasonably Ascertainable Information

No indication of any commonly known or reasonably ascertainable information was provided by the Client.

4.4 Property Value Reduction due to Environmental Conditions

No information was provided by the Client to Hillmann regarding a reduction in value of the Property value due to environmental problems or conditions.

4.5 Reason for Performing Phase I ESA

It is Hillmann's understanding that the Phase I ESA was being performed to assist in determining future development issues.

5.0 HISTORICAL RECORDS REVIEW

Hillmann has conducted research in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the Property. Standard historical sources have been sought in an attempt to document the past uses of the Property as far back as it can be shown that the Property contained structures; or from the time the Property was first used for residential, agricultural, commercial, industrial or governmental purposes.

5.1 Sanborn Fire Insurance Maps

Fire insurance maps were created for insurance underwriters and often contain information regarding the uses of individual structures and the locations of fuel and/or chemical storage tanks that may have been on a particular property. These maps were generally prepared for urban areas beginning in the middle to late 1880s and continuing generally into the 1990s.

A search of Sanborn Fire Insurance Maps for the Property and surrounding area was conducted by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. Maps from 1887, 1895, 1913, 1950, 1952 and 1990 were provided.

The northern half of the Property is improved on the 1887 map with a portion of the "Poughkeepsie Gas Light Co." with multiple structures, including offices, coke and lime sheds, boiler houses, ash house, clarifier house and a large iron gas holder (tank). The southern half of the Property is improved with "A. Caire Poughkeepsie Pottery" with multiple structures, including wood sheds, clay house and baking oven house; and with multiple store structures fronting on Main Street.

The 1895 map indicates that the gas works site is abandoned, with the "foundation of gas tank underground" indicated. The remaining portions of the Property are generally unchanged.

The Property is shown on the 1913 map with a single small dwelling and small store on the former gas works site. The former pottery factory portion of the Property is indicated as a furniture warehouse and upholstery facility. The southern portion of the Property portion fronting on Main Street appears generally unchanged.

The Property is shown on the 1950 and 1952 maps with a portion of the "J. Schrauths Sons Division of Borden Co." facility on the areas of the site formerly occupied by the gas works and furniture warehouse, with several structures including an ice cream distribution center/parking garage with an oil pit and gasoline tank (GT) indicated, ice storage building, poultry market and a vacant building. The southern portion of the Property portion fronting on Main Street appears generally unchanged.

The Property is shown on the 1990 map with only a single 13-story apartment building indicated as "Adm. W. F. Halsey Senior Village" situated in the southwest corner of the lot. No other structures are indicated on the site. The date of construction is indicated as 1975-76.

5.2 Historical Topographic Map Review

A search of Historical Topographic Maps was provided for the Property and surrounding area by EDR. Maps from 1903, 1943, 1947, 1957, 1982 and 1995 were provided. No improvements to the Property are indicated on the 1903 and 1943 maps. The Property is depicted on the 1947, 1957, 1982 and 1995 maps in an area shaded to indicate dense development. The exact improvements are not shown.

5.3 Historic City Directories

City Directories provide listings, arranged by street address, of businesses and residences for the year in which the directory was published. A City Directory Abstract report was obtained from EDR. Directories for the years 1970 through 1995 at five-year intervals were provided. Based on the review of the report, the Property address, 135 Main Street, was not listed in the 1970 directory. The address was listed in the 1975 through 1995 directories as "Admiral William F. Halsey Senior Village Apartments".

5.4 Aerial Photograph Review

A search of Aerial Photographs for the Property and surrounding area was conducted by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. No Aerial Photograph coverage was available for this area.

5.5 Prior Investigation Reports

No prior investigations reports were provided to Hillmann for review.

Hillmann conducted a file review with the New York State Department of Environmental Conservation concerning the former Bayeaux Street Coal Gasification Plant. Documentation consisting of a series of reports concerning historic coal gasification plants located the City of Poughkeepsie were provided by the NYSDEC for review. Much of the documentation pertained to a historic coal gas plant located several blocks to the west of the Property along the Hudson River waterfront. A Phase I Investigation report of the Bayeaux Street Coal Gas Plant site was also included and is summarized below:

Phase I Investigation, Poughkeepsie (Bayeaux Street) Coal Gasification Plant Site, City of Poughkeepsie, Dutchess County, New York; prepared by EA Science and Technology of Middletown, New York; on behalf of Central Hudson Gas & Electric Corporation, January 1987:

The report indicated that a historic coal gas plant that formerly occupied the Property operated from approximately 1850 to 1911, at which time it was replaced by the Water Street plant located several blocks to the west. The report concluded the following:

> *"The available data are considered insufficient to prepare a final HRS (Hazard Ranking System) score for this site. There is no documentation of hazardous waste or*

contamination at the former Poughkeepsie Bayeaux Street Coal Gas Plant site. Ground water and soil quality data are lacking.

"In order to prepare a final HRS score for this site, analytical data regarding the quality of the ground-water and soil, and characteristics of waste (if present), will be necessary, thus requiring performance of a Phase II investigation. The proposed Phase II study would include the performance of a soil vapor survey, the installation of 4 observation wells and the collection and analysis of ground-water and soil samples."

No evidence of any subsequent Phase II studies or any other further investigation of the property concerning the former coal gas plant 3was noted in the NYSDEC files.

5.6 Knowledgeable Parties

Ms. Stephanie Myers of Hillmann completed an environmental questionnaire for the Property along with Ms. Sue Kimmerle of the Admiral W. F. Halsey Senior Village. Ms. Kimmerle indicated that a supermarket was located on the Property prior to development of the current improvements; a 10,000-gallon heating oil UST was closed in place on the Property in 1991; and soil and groundwater sampling was previously conducted in the area of the former gas works on the Property. Hillmann was not provided with documentation regarding the UST closure and subsurface sampling. Ms. Kimmerle indicated that she has been associated with the Property for 22 years.

5.7 Summary and Conclusion of Historic Use Research

The existing apartment building at the Property was originally constructed circa 1975. Prior to the current use, the Property was improved for various commercial uses including retail stores, a dairy facility, a pottery facility and a coal gas works. Potential historic use impacts to the Property may include residual contamination generated by operations at the gas works site, including but not limited to coal tar and polyaromatic hydrocarbons (PAHs), and residual contamination generated by operations at the dairy site, including oil, grease and gasoline range organics, as well as the indicated presence of a gasoline UST.

5.8 Data Gaps

Historic land use data prior to 1887 was not readily available at the time of the assessment. The date of the first developed use of the Property was not determined. The earliest usage of the Property determined by this assessment was industrial and commercial. It is Hillmann's opinion that further assessment of this data gap is not likely to result in findings that would significantly alter the conclusions of this assessment.

6.0 SITE RECONNAISSANCE/INTERVIEWS

6.1 Interviews

Ms. Stephanie Myers of Hillmann conducted the site reconnaissance on November 14, 2006. Ms. Myers was escorted during the site reconnaissance by Ms. Sue Kimmerle, the Property Manager. An environmental questionnaire for the Property was complete by Ms. Myers and Ms. Kimmerle.

6.2 Property Use

The Property is currently occupied as a senior housing complex. No industrial process operations are conducted on the site.

6.3 Hazardous Substance/Petroleum Products Storage/Handling

No significant hazardous substance/petroleum product storage or handling was noted at the Property at the time of the assessment, other than routine quantities of janitorial and maintenance products.

No evidence of any spills, releases of hazardous substances or petroleum products was noted at the Property during the site reconnaissance.

6.4 Waste Generation, Storage and Disposal

Municipal solid waste generated at the Property is stored in a container and disposed of by the municipal hauling service provided by the City of Poughkeepsie. No evidence of the generation, storage or disposal of hazardous waste was observed at the Property during the site reconnaissance.

6.5 Waste Discharges

Sanitary sewage generated at the Property is discharged into municipal sewer lines for off-site treatment. Storm water at the Property drains into the municipal storm water sewer system. No other waste discharges were noted at the Property. No material concerns were noted with either discharge.

6.6 Bulk Petroleum Storage Tanks

No evidence of current or historic aboveground storage tanks (ASTs) or underground storage tanks (USTs) was observed on the Property during the site reconnaissance.

The site contact indicated that a 10,000-gallon heating oil UST on the Property was closed in place adjacent to the north side exterior of the building in 1991. Documentation regarding the closure of the UST was not provided.

The Property was identified in the regulatory database report, provided by EDR, as a closed UST site, PBS #3-601156, with a single steel 10,000-gallon fuel oil UST reported as closed on October 1, 1997. Hillmann notes that the "closed" status date provided by the EDR report differs from the date provided by the site contact. A copy of the UST closure report should be provided for review, if available.

The Property was not identified in the regulatory database report as an AST site, LTANK or Spills site.

6.7 Polychlorinated Biphenyls (PCBs)

The Property utilizes one hydraulic trash compactor unit located in the basement. Considering the age of construction (1975), hydraulic fluid within the system may contain PCBs. No evidence of any significant release was observed from the trash compactor unit on the Property.

No additional suspected PCB containing electrical or hydraulic equipment was identified at the Property.

6.8 Drains/Sumps

According to the property escort, the drains discharge into the municipal sanitary sewer system. No staining or other evidence of a hazardous material release was noted in the vicinity of the drains. No sump pump was noted on the Property.

6.9 Exterior Pits/Ponds/Lagoons

No evidence of pits, ponds or lagoons was identified on the Property in connection with waste treatment or disposal.

6.10 Stained Soil, Pavement/Stressed Vegetation

No staining of soils or pavement, or evidence of stressed vegetation, was noted during the assessment.

6.11 Drinking Water/Wells/Septic Systems

Drinking water is provided to the Property by the City of Poughkeepsie. No groundwater wells or septic systems were noted at the Property during the assessment.

6.12 Fill Material

No evidence of recently deposited or non-native fill materials was noted at the Property.

7.0 NON-ASTM SCOPE CONCERNS

7.1 Asbestos-Containing Material (ACM)

Based on the age of the building, asbestos-containing materials may be present in the building. Hillmann conducted a limited visual screening of the building for suspect ACM as part of this assessment. The following suspect ACM was noted at the Property:

Material	Location	Appr. Qty.	Friability	Condition
Vinyl floor tile	Throughout	N/A	Non-friable	Good
Acoustic ceiling Tile	Throughout	N/A	Non-friable	Good
Sheetrock	Throughout	N/A	Non-friable	Good
Pipe Insulation	Maintenance Room	15 lf	Friable	Damaged
Boiler Insulation	Boiler Room	15 sf	Friable	Damaged
Spray-on Fireproofing	Maintenance Room	15 sf	Friable	Damaged

7.2 Lead-Based Paint

Based on age of the building, lead-based paint may be present at the Property. In general, painted surfaces in the occupied areas of the building were noted to be in good condition with no significant areas of peeling or chipping noted.

7.3 Radon

Radon is a naturally occurring, colorless, odorless gas that is a byproduct of the decay of radioactive materials potentially present in bedrock and soil. Radon gas may enter the lowest level of a building through floor cracks, structural joints or plumbing conduits. The United States Environmental Protection Agency (USEPA) guidance level for annual residential exposure to radon is 4.0 picocuries per liter of air (pCi/L). The guidance level is not a regulatory requirement for private owners of commercial real estate, but is commonly used for comparison purposes to suggest whether further action at a building may be prudent.

Based on information obtained from data obtained by the US EPA, the Property is located in an area with a high potential for radon concentrations that exceed current USEPA action guidelines. Dutchess County is classified as a Zone 1 or ‘high risk’ area for radon. Radon tests have been conducted for the zip code 12601 and have shown results less than the action level of 4Pci/L. The average result for the living areas was 1.690 pCi/L, and for basements was 3.630 pCi/L.

7.4 Mold

Hillmann conducted a cursory inspection of the accessed areas of building interior for amplified mold growth and conditions conducive to amplified mold growth. No evidence of amplified mold growth, or conditions conducive to amplified mold growth, was noted at the time of the assessment.

8.0 REGULATORY RECORD REVIEWS

The databases discussed in this section, provided by Environmental Data Resources of Milford, CT, were reviewed for information regarding documented and/or suspected releases of regulated hazardous substances and/or petroleum products on or near the Property. Hillmann also reviewed the "unmappable" listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that cannot be plotted with confidence, but are identified as being located within the general area of the Property based on the partial street address, city name or zip code. In general, a listing cannot be mapped due to inaccurate or incomplete address information in the database that was supplied by the corresponding regulatory agency. Any listings from the unmappable summary that were identified by Hillmann as a result of the area reconnaissance and/or cross-referencing to mapped listings are included in the corresponding database discussion within this section.

REGULATORY DATABASE	SEARCH DISTANCE	ON-SITE LISTINGS	ADJ. PROPERTY LISTINGS	TOTAL WITHIN SEARCH DISTANCE
Fed. NPL	1-mile	0	0	0
Fed. Delisted NPL	1-mile	0	0	0
Fed. CERCLIS	½-mile	0	0	0
Fed. CERCLIS-NFRAP	½-mile	0	0	1
Fed. RCRA CORRACTS	1-mile	0	0	0
Fed. RCRA TSD	½-mile	0	0	0
Fed. RCRA Gen.	Site & Adj.	0	0	
Fed. ERNS	Site	0		
State & Tribal equiv. NPL	1-mile	0	0	0
State & Tribal equiv. CERCLIS	½-mile	0	0	0
State & Tribal SWF/LF	½-mile	0	0	1
State & Tribal LTANK	½-mile	0	0	19
State & Tribal Registered Stor. Tank	½-mile	1	1	
State & Tribal Eng. Control List	½-mile	0	0	0
State & Tribal Inst. Control List	½-mile	0	0	0
State & Tribal VCP	½-mile	0	0	0
State & Tribal Eng. Brownfields	½-mile	0	0	0

- *The results of the review for each database are discussed below. The locations for the facilities discussed in this section are shown on the figures in the EDR report, included as Appendix E. Facilities listed on databases that are greater than 1 mile distant from the Subject Property are situated too far away to present a recognized environmental condition. Consequently, only those facilities that are located within a mile and are situated in a presumed up gradient location are discussed in detail below. Certain facilities listed on databases are recognized to present an environmental condition only if they are within a ¼ mile or ½ mile distant from the Subject Property.*

- *According to the EPA Policy Toward Owners of Property Containing Contaminated Aquifers, dated July 3, 1995, the EPA will not take enforcement action against a property owner who owns property under which is an aquifer contaminated by subsurface migration from an off site source or sources. Therefore, the Subject Property owner would not be liable for any contamination of the underlying aquifer that was attributed to an off-site source.*

Tribal Jurisdiction: The Property is not located within an area that is under Tribal jurisdiction.

8.1 Federal Agency Record Review

EPA - The National Priorities List (NPL), also known as the Superfund list, is the United States Environmental Protection Agency (EPA) listing of uncontrolled or abandoned hazardous waste sites. These sites are targeted for possible long-term remedial action under the Superfund Act of 1980. The list is primarily based on the EPA's Hazardous Ranking System.

- The Property was not listed as an NPL facility.
- No NPL listings were identified within a one-mile radius of the Property.

EPA – Delisted NPL Site List (DNPL) provides a list of sites formerly listed on the NPL that have since been "de-listed" after the EPA has determined that no further response is appropriate.

- The Property was not listed as a DNPL facility.
- No DNPL listings were identified within a ½-mile radius of the Property.

EPA - The Resource Conservation and Recovery Information System (RCRIS) is a database of facilities, which generate or treat, store or dispose of EPA regulated hazardous waste, or meet other applicable requirements of the Resource Conservation and Recovery Act (RCRA). Inclusion on this database does not imply that mishandling or a release of hazardous waste has occurred at the facility. RCRIS categories are as follows:

Treatment, Storage, and Disposal Facilities (TSD). Facilities listed under TSD are sites that treat, store and/or dispose of EPA regulated hazardous waste.

- The Property was not listed as TSD facility.
- No TSD listings were identified within a ½-mile radius of the Property.

Corrective Action (CORRACTS) list is a list of hazardous waste treatment, storage or disposal facilities and other RCRIS facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the USEPA to undertake corrective action under RCRA.

- The Property was not listed as a CORRACTS facility.

- No CORRACTS listings were identified within a one-mile radius of the Property.

Large Quantity Generators (LQG). Facilities listed under LQG either generate more than 1000 kg of EPA regulated hazardous waste per month, or meet other applicable requirements of RCRA.

- Neither the Property nor any adjoining properties were identified on the LQG database.

Small Quantity Generators (SQG). Facilities listed under SQG either generate from 100 kilograms (kg) to 1000 kg of EPA regulated hazardous waste per month, or meet other applicable requirements of RCRA.

- Neither the Property nor any adjoining properties were identified on the SQG database.

EPA - The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is the EPA database of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation, by the EPA for the release or threatened release of hazardous substances.

- The Property was not identified on the CERCLIS database.

- No CERCLIS listings were identified within a ½-mile radius of the Property.

EPA – CERCLIS-NFRAP (No Further Remedial Action Planned) is the EPA database of archived sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time.

- The Property was not identified on the CERCLIS-NFRAP database.

- One (1) CERCLIS-NFRAP listing was identified within a ½-mile radius of the Property. The listed site is identified as Berncolors-Poughkeepsie, Inc. at 75 North Water Street, located approximately 1,795 feet to the northwest and down gradient from the Property based on area topography. Considering the NFRAP status of the listing, distance and topographic relation, this site is not considered a recognized environmental condition in connection with the Property.

EPA - The Emergency Response Notification System (ERNS) is a national database used to store information concerning the sudden and/or accidental release of hazardous substances, including petroleum, in quantities greater than the reportable quantity, as maintained at the National Response Center. The database contains preliminary information from spill reports made to various federal departments including the EPA.

- No listings were identified for the Property.

8.2 State Agency Record Review

State Hazardous Waste Sites (SHWS) database contains potential or confirmed hazardous substance release properties. This is the state equivalent to NPL *and* CERCLIS.

- The Property was not identified on the SHWS database.
- No SHWS listings were identified within a one-mile radius of the Property.

Solid Waste Facility/Landfill (SWF/LF) list provides information on the location of registered state landfills and associated transfer facilities.

- The Property was not identified on the SWF/LF database.
- One (1) SWF/LF listing was identified within a ½-mile radius of the Property. The listed site is identified as G.F. Refuse Transfer Station at 240 Main Street, located approximately 1,495 feet to the east-southeast and cross gradient from the Property based on area topography. No violations were reported. Considering the status of the listing, distance and topographic relation, this site is not considered a recognized environmental condition in connection with the Property.

Leaking Storage Tank (LTANK) is a comprehensive listing of all reported active and inactive leaking storage tank sites.

- The Property was not identified on the LTANK database.
- Nineteen (19) LTANK listings were identified within a ½-mile radius of the Property. The closest listing in proximity to the Property is identified as Poughkeepsie City School at 12 South Terry Street, located approximately 270 feet to the south-southeast and cross gradient from the Property based on area topography. The case is reported as "Closed" on October 9, 1992. Considering the status of the listing, distance and topographic relation, this site is not considered a recognized environmental condition in connection with the Property.

Registered Storage Tank Database is the listing of registered storage tank sites. This includes the NYSDEC AST and UST databases.

- The Property was not identified on the AST database.
- No adjoining properties were identified on the AST database.
- The Property was identified on the UST and Historical UST databases as a closed UST facility, PBS #3-601156, with a single steel 10,000-gallon fuel oil UST reported as closed on October 1, 1997.

- One (1) adjoining property was identified on the UST database. The site is identified as River Care Nursing Home at 139-144 Main Street, located to the south across Main Street and topographically cross gradient from the Property based on area topography. The database reported one 1,500-gallon steel heating oil UST at this facility. This site was not listed on the LTANK or NY Spills databases. Considering the status of the listing and topographic relation, this site is not considered a recognized environmental condition in connection with the Property.

Engineering Controls Site Listing (ENG Controls) list provides information on the location of remediation sites using engineering controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

- The Property was not identified on the ENG Control database.

- No ENG Control listings were identified within a ½-mile radius of the Property.

Institutional Controls Site Listing (INST Controls) list provides information on the location of remediation sites using institutional controls as part of the response action. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

- The Property was not identified on the INST Control database.

- No INST Control listings were identified within a ½-mile radius of the Property.

Voluntary Cleanup Program (VCP) list provides information on the location of sites involved in a Voluntary Cleanup Program. Under a Voluntary Cleanup Program, a property owner will voluntarily enter into an agreement with a state or local environmental regulatory agency to conduct investigation and remediation for specific area(s) of concern.

- The Property was not identified on the VCP database.

- No VCP listings were identified within a ½-mile radius of the Property.

Brownfields (BF) list provides information on the location of sites involved in a state or local Brownfields program.

- The Property was not identified on the BF database.

- No BF listings were identified within a ½-mile radius of the Property.

The Property is not identified on any other database not covered by the ASTM standards.

Review of the remaining sites identified with the ASTM search parameters did not identify any sites that are considered to be recognized environmental conditions in connection with the Property.

8.3 Local Government Agencies

City of Poughkeepsie Building Department:
Hillmann submitted Freedom of Information Act request letters to the Building Department requesting available file information regarding the Property. A response was received indicating that no files pertaining to the Property were available.

Dutchess County Department of Health:
Hillmann submitted Freedom of Information Act request letters to the County Division of Environmental Health Services requesting available file information regarding the Property. A response was received indicating that the Property is the site of the former Bayeaux Street Coal Gasification Plant. No specific files or data pertaining to the Property were indicated to be available. Files on two nearby properties were indicated to be available. The response also referenced NYSDEC # 314070.

New York State Department of Environmental Conservation:
Hillmann requested files from the NYSDEC concerning the former Bayeaux Street Coal Gasification Plant. Documentation consisting of a series of reports concerning historic coal gasification plants located the City of Poughkeepsie were provided by the NYSDEC for review. Much of the documentation pertained to a historic coal gas plant located several blocks to the west of the Property along the Hudson River waterfront. A Phase I Investigation report of the Bayeaux Street Coal Gas Plant site was also included and is summarized in Section 5.5.

9.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Hillmann has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

David H. Rutherford
Environmental Professional

10.0 REFERENCES

EDR Aerial Photography Report, Environmental Data Resources, 2006

EDR City Directory Abstract Report, Environmental Data Resources, 2006

EDR Radius Map Report with GeoCheck, Environmental Data Resources, 2006

EDR Topographic Map Report, Environmental Data Resources, 2006

Topographic Map – 7.5 minute series, Poughkeepsie, NY Quadrangle, USGS

11.0 APPENDICES

Appendix A	Site Photographs
Appendix B	Maps/Diagrams
Appendix C	Historical Land Use Documentation/Maps
Appendix D	Reference Documentation
Appendix E	Regulatory Database Report

HILLMANN
ENVIRONMENTAL
GROUP, LLC

LIMITED PHASE II INVESTIGATION

Admiral Halsey
135 Main Street
Poughkeepsie, New York 12601

Project No. N6-1661

May 2007

Prepared for:

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LIMITED PHASE II INVESTIGATION
Admiral Halsey
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Project Number:	N6-1661
Project Personnel:	Chris Hirschmann Environmental Scientist
Reviewed By:	David J. Umbach, PG Manager / Geologist

Executive Summary

As requested, Hillmann Environmental Group, LLC (Hillmann) conducted a Limited Phase II Investigation at 135 Main Street, which is located in Poughkeepsie, New York.

The Phase II soil investigation was conducted to evaluate the potential impact to the environment from a former coal gasification plant and underground storage tank (UST) located within the site. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection of soil samples. These samples were collected from borings through the asphalt parking lot, around the old UST and in the area of the historic coal gasification plant, on March 27, 2007. A Geoprobe drill rig was utilized to obtain nine (9) soil and three (3) groundwater samples, with five (5) additional soil samples obtained by hand auguring. The general sample types, locations and depths were selected to determine the overall extent and magnitude of potential contamination resulting from the former site use. The samples were analyzed for volatile organic compounds (VOC), base neutrals and acid extractable (BNA), and Priority Pollutant List Metals at an accredited laboratory.

1.0 Introduction

As requested, Hillmann Environmental Group, LLC (Hillmann) conducted a Limited Phase II Investigation for 135 Main Street, in Poughkeepsie, New York. The investigation was conducted to determine if the former operations of the site had caused an impact to the environment along with the underground storage tank (UST)**.** Details of the site, activities and findings are provided in the following sections.

2.0 Site Description & Background

The site is located at the corner of Main Street and North Perry Street. The county-designated use of the site is Apartments. The Property is currently being operated as a senior housing complex. No industrial process operations are conducted on the site. The northern portion of the property was utilized as a coal gasification plant in the late nineteenth and early twentieth centuries. The area surrounding the Property is developed primarily with residential and commercial properties. In the late 1970's a 10,000-gallon heating oil underground storage tank (UST) was installed but only placed in service for one year since installation.

A report from Conrad GeoScience Corporation dated November 18, 1997 was obtained after the Limited Phase II Investigation was completed. The report stated that there was no evidence that the UST leaked. Conrad GeoScience Corp. contractors tried to remove the tank, during these activities, the bottom anchors failed to be removed, and a natural gas line was discovered to overly the west end of the UST. Based on the anchoring of the UST and the gas line, a decision was made to close the tank in place. Three soil samples were taken from the bottom of the excavation. On October 17, 1997 the UST was filled with 45 cubic yards of concrete. Soil samples were analyzed for VOCs (Volatile Organic compounds) and SVOCs (Semi-Volatile Organic Compounds). No VOC compounds were detected in the soil samples, but several SVOC compounds were detected below the NYSDEC standards. At this time Conrad GeoScience Corp. concluded that the SVOCs detected might represent residual coal tar, which is a bi-product of the coal gasification processes.

3.0 Areas of concern

Hillman identified the following areas of concern, which were addressed in the Limited Phase II Investigation.

1. Existence of an underground storage tank (UST) underneath the courtyard behind the 13-story apartment building.
2. Historic Coal Gasification Plant located on the northern end of the property.

4.0 Initial Scope of Work

Hillmann will employ ground-penetrating radar (GPR) along the north side of the building to locate the storage tank. A description of ground-penetrating radar is as follows: GPR is applied by transmitting signals into the subsurface. Subsurface structures and other forms of interference deflect the signals. The GPR survey is non-invasive. Data is collected in the form of anomalies that represent the subsurface interference. These anomalies are likely to identify the shape of a subsurface structure, however, interfering factors may limit the accuracy and cause inconclusive results. Such interfering factors include conglomerated soil media (e.g., rocks, bricks, construction debris, etc.), soil moisture, re-bar in foundations or slabs, and vibration caused by nearby construction activities. Under ideal conditions, the depth of penetration is 8-12 feet below ground surface (bgs). In addition to GPR, Hillmann will also employ specialized subsurface magnetometers, magnetic pipe locators (MPL) and other types of subsurface geophysical investigation instrumentation.

Hillmann will also employ direct push boring equipment (a.k.a. Geoprobe®) to advance subsurface borings in selected areas around the subject property. A description of direct push boring equipment is as follows: The Geoprobe® unit consists of a vehicle-mounted hydraulic ram that forces four foot long barrel shaped probes into the ground with a pneumatic hammer. The probes will collect continuous four-foot sections of earth in an acetate liner to examine for contamination and extract a soil sample for laboratory analysis. Hillmann will attempt to advance the borings into the local water table or to a depth of 16 feet if subsurface conditions permit. Hillmann will attempt to advance a total of 15 borings; 10 within the fenced grass area and vicinity of the suspected closed UST and five in the parking lot. One soil sample will be collected from each boring for a total of 15 soil samples. Hillmann will attempt to collect three groundwater samples via temporary wells.

Groundwater samples will be analyzed at an accredited laboratory for volatile organic compounds (VOC), base neutrals and acid extractables (BNA) and priority pollutant list metals. The results will be compared to applicable New York State Department of Environmental Conservation (NYSDEC) Groundwater Quality Standards, listed in Chapter 10, Part 703.

Soil samples will be analyzed at an accredited laboratory for volatile organic compounds (VOC), base neutrals and acid extractables (BNA) and priority pollutant list metals. The results will be compared to applicable New York State regulatory limits for soil listed in the Technical Administrative Guidance Memorandum (TAGM): 4046.

5.0 Summary of Field Activities

A GPR investigation was performed along the north side of the building on March 12, 2007. The GPR investigation did reveal evidence that was indicative of a UST. An area located below the courtyard that indicated a positive metallic response was identified, and borings were advanced near the markings. Due to the presence of snow and snow piles around the subject UST, the GPR investigation was limited. Although the GPR Investigation was limited due to the piles of snow, sufficient information was obtained to locate the UST.

A total of five (5) hand auger borings were completed around the north end of the property on March 27, 2007. The boring locations were selected to be representative of the overall extent of potential soil contamination from the previously identified coal gasification plant. The approximate locations of the borings and sampling location are provided on the attached site plans.

Four (4) Geoprobe borings were completed in the location of the former UST, with a groundwater sample collected at the location labeled B3. Four (4) borings were advanced through the asphalt parking lot located east of the subject building, with groundwater samples collected at the locations labeled B1, and B14. One (1) additional Geoprobe boring was completed on the north

section of the property, but groundwater was not accessible at this location. The approximate locations of the borings are provided on the attached site plan.

The Geoprobe borings were advanced to a maximum depth of eight (8) feet below ground surface (bgs). The groundwater table was encountered at approximately 7.5 feet bgs. Soil samples were taken at a depth of 7 feet bgs. Contamination should be concentrated at a depth of 7-8 feet bgs due to the rise and fall of the groundwater table. Three borings were advanced to 12 feet to facilitate installation of temporary wells for groundwater collection. Soil samples were collected from each boring utilizing dedicated disposable sampling devices. The samples were placed in laboratory-supplied containers, and packed on ice for transport to a certified testing laboratory for volatile organic compounds (VOC), base neutrals and acid extractables (BNA), and priority pollutant list metals.

6.0 Applicable Standard

Individual compounds detected were compared to the soil criteria listed in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM): "Determination of Soil Cleanup Objectives & Cleanup Levels." The applicable standards are listed under the column titled "Cleanup Objective."

7.0 Analytical Results

Table 1. Admiral Halsey Groundwater Sample Results

				TAGM 4046
Client ID:	B1	B3	B14	Cleanup
Date Sampled:	27-Mar	27-Mar	27-Mar	Objective
Matrix:	GW	GW	GW	ppb
Antimony (a)	**<30**	**<30**	**<30**	3
Arsenic (a)	**227**	**486**	**728**	25
Beryllium (a)	28.7	22.5	40.7	NA
Cadmium (a)	**32.1**	<20	<20	5
Chromium (a)	**487**	**536**	**612**	50
Copper (a)	**1790**	**2040**	**2300**	200
Lead (a)	**1780**	**6350**	**5130**	8
Mercury	**3.8**	**17.4**	**16.4**	0.7
Nickel (a)	**849**	**877**	**1360**	8.2
Selenium (a)	**63.2**	**<50**	**86.2**	10
Silver (a)	<50	<50	<50	50
Thallium (a)	**<50**	**<50**	**<50**	20
Zinc (a)	**4760**	**6240**	**8250**	66
Acenaphthene	ND	1.7	ND	20
Acenaphthylene	ND	1.7	ND	20
Anthracene	ND	5.6	ND	50
Benzo(a)anthracene	**0.53**	**17.7**	**1.6**	0.002
Benzo(a)pyrene	**0.57**	**18.5**	**1.7**	0.002
Benzo(b)fluoranthene	ND	**18**	**1.7**	0.002
Benzo(g,h,i)perylene	0.53	**13.1**	1.5	5
Benzo(k)fluoranthene	ND	**14**	**1.5**	0.002
Carbazole	ND	2.8	ND	NA
Chrysene	**0.61**	**20**	**1.9**	0.002
Dibenzo(a,h)anthracene	ND	4.3	ND	50
Dibenzofuran	ND	1.2	ND	5
Fluoranthene	1.2	38.6	3.2	50
Fluorene	ND	2.2	ND	50
Indeno(1,2,3-cd)pyrene	ND	**11.9**	**1.3**	0.002
Naphthalene	ND	0.8	1.1	10
Phenanthrene	0.82	20.3	1.4	50
Pyrene	0.86	33.9	3.1	50
Acetone	ND	5.7	ND	50

All results in ug/l (ppb)
ND = No Detection
NA = Not Available

Table 2. Admiral Halsey Soil Sample Results

Client ID:	B1	B2	B3	B4	B5	B6	B7	TAGM 4046 Soil Cleanup Objective (ppm)
Date Sampled:	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Antimony	<2.4	<2.5	<2.3	<2.4	<2.3	<2.6	<2.4	SB
Arsenic	6.1	**9.4**	6.4	3.6	6.5	**11.1**	3.7	7.5 or SB
Beryllium	**<0.60**	**0.67**	**<0.58**	**<0.59**	**0.59**	**0.74**	**<0.61**	0.16 or SB
Cadmium	0.86	<0.62	<0.58	<0.59	<0.56	<0.65	<0.61	1 or SB
Chromium	**12.9**	**12.5**	**11.5**	10.8	**11.2**	**14.1**	**11**	10 or SB
Copper	**47.6**	25.8	**32.8**	19.7	24.3	**46.9**	16.1	25 or SB
Lead	194	48.2	124	43.7	33.6	95.7	13.6	SB****
Mercury	**0.68**	0.054	**0.23**	**0.22**	**0.23**	**0.85**	0.14	0.1
Nickel	**17.4**	**19.6**	**16.7**	**16.2**	**17.3**	**18.4**	11.7	13 or SB
Selenium	**<2.4**	**<2.5**	**<2.3**	**<2.4**	**<2.3**	**<2.6**	**<2.4**	2 or SB
Silver	<1.2	<1.2	<1.2	<1.2	<1.1	<1.3	<1.2	SB
Thallium	<1.2	<1.2	<1.2	<1.2	<1.1	<1.3	<1.2	SB
Zinc	**139**	**104**	**108**	**63.2**	**71.6**	**119**	**45**	20 or SB
Acenaphthene	ND	0.035	0.067	ND	0.321	0.126	ND	50
Acenaphthylene	0.069	0.096	0.019	ND	0.485	0.465	ND	41
Anthracene	0.092	0.368	0.129	0.037	2.780	1.000	0.051	50
Benzo(a)anthracene	0.278	**1.350**	**0.353**	0.111	**6.270**	**4.430**	0.125	0.224
Benzo(a)pyrene	**0.324**	**1.490**	**0.363**	**0.103**	**6.320**	**4.900**	**0.133**	0.061
Benzo(b)fluoranthene	0.291	1.010	0.327	0.065	**4.040**	**3.070**	0.134	1.1
Benzo(g,h,i)perylene	0.277	1.020	0.248	0.093	0.466	0.217	ND	50
Benzo(k)fluoranthene	0.258	1.170	0.305	0.092	**5.970**	**3.960**	0.213	1.1
Carbazole	ND	0.124	0.120	ND	0.878	0.389	ND	NA
Chrysene	0.285	**1.140**	0.395	0.112	**5.270**	**3.850**	0.123	0.4
Dibenzo(a,h)anthracene	0.104	**0.319**	**0.065**	**0.031**	**0.241**	**0.083**	ND	0.014
Dibenzofuran	ND	0.060	0.044	ND	0.796	0.153	ND	6.2
Di-n-butyl phthalate	0.553	ND	ND	ND	ND	ND	ND	8.1
bis(2-Ethylhexyl)phthalate	1.180	0.098	0.089	ND	ND	ND	ND	50***
Fluoranthene	0.493	2.300	0.971	0.196	11.500	6.460	0.242	50
Fluorene	0.038	0.079	0.081		0.378	0.255	ND	50
Indeno(1,2,3-cd)pyrene	0.264	0.966	0.232	0.076	0.543	0.256	ND	3.2
2-Methylnaphthalene	ND	ND	ND	ND	0.501	0.064	ND	36.4
Naphthalene	ND	0.036	0.023	ND	2.040	0.196	ND	13
Phenanthrene	0.288	1.260	0.760	0.131	10.700	3.000	0.143	50***
Pyrene	0.393	1.910	0.705	0.189	9.050	6.420	0.216	50***
Acetone	0.066	ND	0.073	ND	ND	ND	ND	0.2
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	0.3
Carbon disulfide	0.003	ND	ND	ND	ND	ND	ND	2.7
Xylene (total)	ND	ND	ND	ND	ND	ND	0.002	1.2

All results in mg/kg (ppm)
ND = No Detection
NA = Not Available
SB = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

Table 3. Admiral Halsey Soil Sample Results

Client ID:	B8	B9	B10	B11	B12	B13	B14	TAGM 4046 Soil Cleanup Objective (ppm)
Date Sampled:	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Antimony	<2.4	<2.3	<2.4	<2.2	<2.5	<2.4	<2.3	SB
Arsenic	**12.3**	**10.2**	**8.5**	6.2	**9.4**	**8.2**	5.6	7.5 or SB
Beryllium	**0.67**	**0.62**	**<0.60**	**<0.56**	**0.79**	**<0.61**	**<0.57**	0.16 or SB
Cadmium	0.84	0.63	<0.60	<0.56	<0.62	0.87	<0.57	1 or SB
Chromium	**14.4**	**16.5**	**15**	**12.1**	**15.8**	**15.4**	**11.2**	10 or SB
Copper	**42**	**39.2**	**34.7**	**29.2**	**37.9**	**36.5**	23.5	25 or SB
Lead	109	23.2	65.9	24.7	22.3	245	30.5	SB****
Mercury	**0.26**	0.044	**0.3**	0.075	0.1	**1.6**	0.059	0.1
Nickel	**21.7**	**23.7**	**21.8**	**21.1**	**33.3**	**19.5**	**18.7**	13 or SB
Selenium	**<2.4**	**3.3**	**<2.4**	**<2.2**	**3.2**	**<2.4**	**<2.3**	2 or SB
Silver	<1.2	<1.1	<1.2	<1.1	<1.2	<1.2	<1.1	SB
Thallium	<1.2	<1.1	<1.2	<1.1	<1.2	<1.2	<1.1	SB
Zinc	**119**	**102**	**92.7**	**66.6**	**105**	**270**	**58.7**	20 or SB
Acenaphthene	0.086	ND	ND	ND	ND	0.308	0.066	50
Acenaphthylene	0.431	ND	0.033	ND	ND	0.131	0.023	41
Anthracene	0.586	ND	0.078	ND	ND	0.875	0.227	50
Benzo(a)anthracene	**2.670**	ND	0.253	0.057	ND	**1.960**	**0.889**	0.224
Benzo(a)pyrene	**3.100**	ND	**0.249**	0.064	ND	**1.800**	**0.967**	0.061
Benzo(b)fluoranthene	**2.670**	ND	0.153	0.060	ND	**2.700**	**1.580**	1.1
Benzo(g,h,i)perylene	0.070	ND	0.222	0.043	ND	0.041	0.033	50
Benzo(k)fluoranthene	**2.090**	ND	0.227	0.045	ND	**1.540**	1.290	1.1
Carbazole	0.163	ND	0.020	ND	ND	0.356	0.285	NA
Chrysene	**2.440**	ND	0.261	0.054	ND	**1.860**	**1.160**	0.4
Dibenzo(a,h)anthracene	**0.048**	ND	**0.079**	ND	ND	**0.028**	ND	0.014
Dibenzofuran	0.072	ND	ND	ND	ND	0.169	0.039	6.2
Di-n-butyl phthalate	ND	ND	ND	ND	ND	0.063	ND	8.1
bis(2-Ethylhexyl)phthalate	ND	ND	0.064	0.052	ND	0.078	ND	50***
Fluoranthene	2.950	ND	0.487	0.086	0.030	3.690	2.800	50
Fluorene	0.160	ND	ND	ND	ND	0.296	0.077	50
Indeno(1,2,3-cd)pyrene	0.114	ND	0.201	0.041	ND	0.069	0.043	3.2
2-Methylnaphthalene	0.036	ND	ND	ND	ND	0.064	ND	36.4
Naphthalene	0.091	ND	ND	ND	ND	0.138	ND	13
Phenanthrene	1.520	ND	0.221	0.044	0.027	3.040	1.650	50***
Pyrene	2.860	ND	0.544	0.083	0.023	2.500	1.270	50***
Acetone	ND	ND	ND	ND	ND	**0.914**	ND	0.2
2-Butanone (MEK)	ND	ND	ND	ND	ND	**0.083**	ND	0.3
Carbon disulfide	ND	ND	ND	ND	ND	0.026	ND	2.7
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	1.2

All results in mg/kg (ppm)
ND = No Detection
NA = Not Available
SB = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

8.0 Summary of Analytical Results

Samples B1, B12-B14, B1 (groundwater), and B14 (groundwater) were taken from the parking lot area on the eastern portion of the property. Samples B2, B5-B9 were taken from the northern portion of the property where the historic coal gasification plant was located. Samples B3, B4, B10, B11 and B3 (groundwater) were taken from around the UST. All of the soil samples collected within the site contained contaminant levels, which were above the New York State regulatory limits listed in TAGM 4046. All groundwater samples collected within the site contained contaminant levels, which were above the New York State regulatory limits. (See Tables 1, 2 and 3)

9.0 Evaluation of Environmental Impact

The laboratory results and observations made on site while completing the borings indicate the presence of contamination that may have resulted from the former coal gasification plant described within the previously referenced Phase I.

9.1 Contaminant Exposure

The subsurface materials encountered throughout the property consisted of locally found soil, brick fragments and/or coal ash. This would indicate that historic fill might underlie the property. As with areas previously used for industrial processes, historic fill typically contains levels of heavy metals and polycyclic aromatic hydrocarbons (PAH's), which are above current NYSDEC regulatory limits.

Elevated levels of metals and PAHs are wide spread throughout the property. Minimal risk of exposure is expected in the areas of the parking lot. The parking lot has about 6 inches of asphalt capping the soil located below. Human exposure to the soil located below the parking lot is not expected under normal conditions and operations. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.

Subsurface materials encountered beneath the park and lawn areas also contain elevated levels of metals and PAHs. Minimum to no risk is to be expected in the areas of the park area based on the normal use and operation. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.

Materials contained in the public garden area are expected to contain similar levels of soil contamination. In this area, increased soil exposure and possible ingestion of plant matter is expected. As a result of these activities, increased risk of human exposure is possible. Hillmann has been informed that the owner intends to install additional site controls which would prevent contact with the soils in this area. When completed, these measures would virtually eliminate the risk of exposure to the residents.

Samples taken from around the UST indicate elevated levels of metals and PAHs. Due to the wide spread presence of elevated metals and PAHs around the property, Hillmann has determined that the contamination encountered is not from the UST, but as a result of the historic coal gasification plant. It is determined that the UST did not impact the surrounding environment.

9.2 Local Usage of Groundwater

Local groundwater is not used for potable purposes. Due to the levels of contamination found within each soil sample, contaminants are not expected to migrate to the local drinking water supply. Therefore, any contamination potentially originating from the subject property is not anticipated to affect the local drinking water supply.

9.3 Evaluation of Ecological Receptors

The only ecological receptor in the vicinity of the subject property is the Hudson River, which is located approximately 1,881 feet to the west.

10.0 Conclusions & Recommendations

Hillmann has completed a Limited Phase II Investigation at 135 Main Street to assess the impact of former coal gasification plant and UST located on site. The completed scope of work included a GPR survey, the advancement of subsurface borings utilizing a Geoprobe and hand auguring.

The following has been concluded from this investigation.

1. The results of the investigation have identified the presence of contamination which could be attributed to past site usage. The environmental concerns identified through laboratory and field observations are the presence of metals and Polynuclear Aromatic Hydrocarbons (PAHs) present in the soil and groundwater.

2. It appears that the contamination identified is the result of former coal gasification processes conducted on site.

3. Elevated levels of metals and PAHs are wide spread throughout the property. Minimal risk of exposure is expected in the areas of the parking lot and/or lawn area. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.

4. Due to the wide spread presence of elevated metals and PAHs around the property, Hillmann has determined that the contamination encountered is not from the UST, but as a result of the historic coal gasification plant. It is determined that the UST did not impact the surrounding environment.

5. Omni has decided to develop a raised garden bed system. This decision will protect the current residence using the garden area. A brief description of the garden area is described in the below section.

6. Additionally, Omni is in the process of obtaining a “Property Use and Work Plan” to protect against possible contamination exposure. This document will provide insight on which procedures to follow during excavation activities. This document will be site specific and will only pertain to the subject property. A copy of the work plan will be located at the facility.

Hillmann Environmental Group, LLC, has recommended the following.

1. Hillmann recommends leveling out the current garden area, then placing an impermeable membrane, as a separating layer, on top of the current soil surface to prevent any current contamination from possibly impacting clean soil in the garden area. A minimum of two (2) feet of certified, clean soil should be placed on top of the impermeable membrane and the garden beds assembled on the top of this layer of clean soil. This should prevent the root systems of plants growing in the garden from reaching and possibly absorbing contamination from soils below the impermeable layer. This remediation technique should also protect residents or other individuals working in the garden from contaminants present in the soil.

2. It is recommended that air monitoring be performed on the first level of the housing complex due to the publications of vapor intrusion possibilities. Air monitoring will determine if there is any vapor intrusion present at the subject property. Hillmann is currently under contract wit Omni to provide air-monitoring testing.

3. The former Bayeaux Street manufacturing gas plant (MGP) was located on the corner of Main Street and North Perry (formerly Bayeaux Street), and is currently occupied by Admiral Halsey Senior Village. Hillmann has contacted the NYSDEC directly, and was informed that although compounds have been identified on site at levels above current clean up standards, there is no requirement to report a spill to the NYSDEC. Therefore Hillmann does not recommend reporting the results to the NYDEC at this time provided the completed "Property Use and Work Plan" is maintained on site, and is provided to any person conducting work below the surface at this site.

11.0 Certification of Responsible Party

As owner/agent of 135 Main Street, Poughkeepsie, New York, I have read this report and acknowledge its content. I hereby confirm that the content is true to the best of my knowledge.

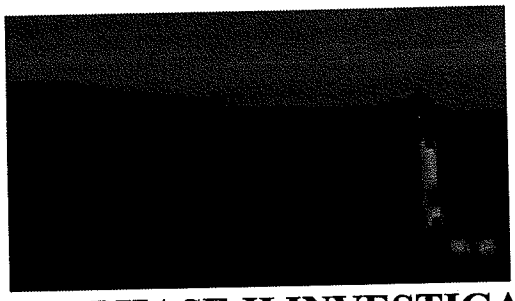
Signature:_____ Date:_____

Name:_____

Title:_____

Organization:_____

HILLMANN
ENVIRONMENTAL
GROUP, LLC



LIMITED PHASE II INVESTIGATION

Admiral Halsey
135 Main Street
Poughkeepsie, New York 12601

Project No. N6-1661

May 2007

Prepared for:

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Project Personnel:	Matthew Scott Environmental Scientist
Reviewed By:	David J. Umbach, PG Manager / Geologist

Executive Summary

As requested, Hillmann Environmental Group, LLC (Hillmann) conducted a Limited Phase II Investigation at 135 Main Street, which is located in Poughkeepsie, New York.

The Phase II soil investigation was conducted to evaluate the potential impact to the environment from a former coal gasification plant and underground storage tank (UST) located within the site. The investigation included the use of a GPR survey to identify any underground structures, utilities, or obstructions, and the collection of soil samples. These samples were collected from borings through the asphalt parking lot, around the old UST and in the area of the historic coal gasification plant, on March 27, 2007. A Geoprobe drill rig was utilized to obtain nine (9) soil and three (3) groundwater samples, with five (5) additional soil samples obtained by hand auguring. The general sample types, locations and depths were selected to determine the overall extent and magnitude of potential contamination resulting from the former site use. The samples were analyzed for volatile organic compounds (VOC), base neutrals and acid extractable (BNA), and Priority Pollutant List Metals at an accredited laboratory.

1.0 Introduction

As requested, Hillmann Environmental Group, LLC (Hillmann) conducted a Limited Phase II Investigation for 135 Main Street, in Poughkeepsie, New York. The investigation was conducted to determine if the former operations of the site had caused an impact to the environment along with the underground storage tank (UST). Details of the site, activities and findings are provided in the following sections.

2.0 Site Description & Background

The site is located at the corner of Main Street and North Perry Street. The county-designated use of the site is Apartments. The Property is currently being operated as a senior housing complex. No industrial process operations are conducted on the site. The northern portion of the property was utilized as a coal gasification plant in the late nineteenth and early twentieth centuries. The area surrounding the Property is developed primarily with residential and commercial properties. In the late 1970's a 10,000-gallon heating oil underground storage tank (UST) was installed but only placed in service for one year since installation.

A report from Conrad GeoScience Corporation dated November 18, 1997 was obtained after the Limited Phase II Investigation was completed. The report stated that there was no evidence that the UST leaked. Conrad GeoScience Corp. contractors tried to remove the tank, during these activities, the bottom anchors failed to be removed, and a natural gas line was discovered to overly the west end of the UST. Based on the anchoring of the UST and the gas line, a decision was made to close the tank in place. Three soil samples were taken from the bottom of the excavation. On October 17, 1997 the UST was filled with 45 cubic yards of concrete. Soil samples were analyzed for VOCs (Volatile Organic compounds) and SVOCs (Semi-Volatile Organic Compounds). No VOC compounds were detected in the soil samples, but several SVOC compounds were detected below the NYSDEC standards. At this time Conrad GeoScience Corp. concluded that the SVOCs detected might represent residual coal tar, which is a bi-product of the coal gasification processes.

3.0 Areas of concern

Hillman identified the following areas of concern, which were addressed in the Limited Phase II Investigation.

1. Existence of an underground storage tank (UST) underneath the courtyard behind the 13-story apartment building.
2. Historic Coal Gasification Plant located on the northern end of the property.

4.0 Initial Scope of Work

Hillmann will employ ground-penetrating radar (GPR) along the north side of the building to locate the storage tank. A description of ground-penetrating radar is as follows: GPR is applied by transmitting signals into the subsurface. Subsurface structures and other forms of interference deflect the signals. The GPR survey is non-invasive. Data is collected in the form of anomalies that represent the subsurface interference. These anomalies are likely to identify the shape of a subsurface structure, however, interfering factors may limit the accuracy and cause inconclusive results. Such interfering factors include conglomerated soil media (e.g., rocks, bricks, construction debris, etc.), soil moisture, re-bar in foundations or slabs, and vibration caused by nearby construction activities. Under ideal conditions, the depth of penetration is 8-12 feet below ground surface (bgs). In addition to GPR, Hillmann will also employ specialized subsurface magnetometers, magnetic pipe locators (MPL) and other types of subsurface geophysical investigation instrumentation.

Hillmann will also employ direct push boring equipment (a.k.a. Geoprobe®) to advance subsurface borings in selected areas around the subject property. A description of direct push boring equipment is as follows: The Geoprobe® unit consists of a vehicle-mounted hydraulic ram that forces four foot long barrel shaped probes into the ground with a pneumatic hammer. The probes will collect continuous four-foot sections of earth in an acetate liner to examine for contamination and extract a soil sample for laboratory analysis. Hillmann will attempt to advance the borings into the local water table or to a depth of 16 feet if subsurface conditions permit. Hillmann will attempt to advance a total of 15 borings; 10 within the fenced grass area and vicinity of the suspected closed UST and five in the parking lot. One soil sample will be collected from each boring for a total of 15 soil samples. Hillmann will attempt to collect three groundwater samples via temporary wells.

Groundwater samples will be analyzed at an accredited laboratory for volatile organic compounds (VOC), base neutrals and acid extractables (BNA) and priority pollutant list metals. The results will be compared to applicable New York State Department of Environmental Conservation (NYSDEC) Groundwater Quality Standards, listed in Chapter 10, Part 703.

Soil samples will be analyzed at an accredited laboratory for volatile organic compounds (VOC), base neutrals and acid extractables (BNA) and priority pollutant list metals. The results will be compared to applicable New York State regulatory limits for soil listed in the Technical Administrative Guidance Memorandum (TAGM): 4046.

5.0 Summary of Field Activities

A GPR investigation was performed along the north side of the building on March 12, 2007. The GPR investigation did reveal evidence that was indicative of a UST. An area located below the courtyard that indicated a positive metallic response was identified, and borings were advanced near the markings. Due to the presence of snow and snow piles around the subject UST, the GPR investigation was limited. Although the GPR Investigation was limited due to the piles of snow, sufficient information was obtained to locate the UST.

A total of five (5) hand auger borings were completed around the north end of the property on March 27, 2007. The boring locations were selected to be representative of the overall extent of potential soil contamination from the previously identified coal gasification plant. The approximate locations of the borings and sampling location are provided on the attached site plans.

Four (4) Geoprobe borings were completed in the location of the former UST, with a groundwater sample collected at the location labeled B3. Four (4) borings were advanced through the asphalt parking lot located east of the subject building, with groundwater samples collected at the locations labeled B1, and B14. One (1) additional Geoprobe boring was completed on the north

section of the property, but groundwater was not accessible at this location. The approximate locations of the borings are provided on the attached site plan.

The Geoprobe borings were advanced to a maximum depth of eight (8) feet below ground surface (bgs). The groundwater table was encountered at approximately 7.5 feet bgs. Soil samples were taken at a depth of 7 feet bgs. Contamination should be concentrated at a depth of 7-8 feet bgs due to the rise and fall of the groundwater table. Three borings were advanced to 12 feet to facilitate installation of temporary wells for groundwater collection. Soil samples were collected from each boring utilizing dedicated disposable sampling devices. The samples were placed in laboratory-supplied containers, and packed on ice for transport to a certified testing laboratory for volatile organic compounds (VOC), base neutrals and acid extractables (BNA), and priority pollutant list metals.

6.0 Applicable Standard

Individual compounds detected were compared to the soil criteria listed in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM): "Determination of Soil Cleanup Objectives & Cleanup Levels." The applicable standards are listed under the column titled "Cleanup Objective."

7.0 Analytical Results

Table 1. Admiral Halsey Groundwater Sample Results

				TAGM 4046
Client ID:	B1	B3	B14	Cleanup
Date Sampled:	27-Mar	27-Mar	27-Mar	Objective
Matrix:	GW	GW	GW	ppb
Antimony (a)	<30	<30	<30	3
Arsenic (a)	**227**	**486**	**728**	25
Beryllium (a)	28.7	22.5	40.7	NA
Cadmium (a)	32.1	<20	<20	5
Chromium (a)	**487**	**536**	**612**	50
Copper (a)	1790	2040	2300	200
Lead (a)	**1780**	**6350**	**5130**	8
Mercury	3.8	17.4	16.4	0.7
Nickel (a)	**849**	**877**	**1360**	8.2
Selenium (a)	63.2	<50	86.2	10
Silver (a)	<50	<50	<50	50
Thallium (a)	**<50**	**<50**	**<50**	20
Zinc (a)	4760	6240	8250	66
Acenaphthene	ND	1.7	ND	20
Acenaphthylene	ND	1.7	ND	20
Anthracene	ND	5.6	ND	50
Benzo(a)anthracene	**0.53**	**17.7**	**1.6**	0.002
Benzo(a)pyrene	0.57	18.5	1.7	0.002
Benzo(b)fluoranthene	ND	**18**	**1.7**	0.002
Benzo(g,h,i)perylene	0.53	13.1	1.5	5
Benzo(k)fluoranthene	ND	**14**	**1.5**	0.002
Carbazole	ND	2.8	ND	NA
Chrysene	0.61	20	1.9	0.002
Dibenzo(a,h)anthracene	ND	4.3	ND	50
Dibenzofuran	ND	1.2	ND	5
Fluoranthene	1.2	38.6	3.2	50
Fluorene	ND	2.2	ND	50
Indeno(1,2,3-cd)pyrene	ND	**11.9**	**1.3**	0.002
Naphthalene	ND	0.8	1.1	10
Phenanthrene	0.82	20.3	1.4	50
Pyrene	0.86	33.9	3.1	50
Acetone	ND	5.7	ND	50

All results in ug/l (ppb)
ND = No Detection
NA = Not Available

Table 2. Admiral Halsey Soil Sample Results

Client ID:	B1	B2	B3	B4	B5	B6	B7	TAGM 4046 Soil Cleanup Objective (ppm)
Date Sampled:	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Antimony	<2.4	<2.5	<2.3	<2.4	<2.3	<2.6	<2.4	SB
Arsenic	6.1	**9.4**	6.4	3.6	6.5	**11.1**	3.7	7.5 or SB
Beryllium	<0.60	0.67	<0.58	<0.59	0.59	0.74	<0.61	0.16 or SB
Cadmium	0.86	<0.62	<0.58	<0.59	<0.56	<0.65	<0.61	1 or SB
Chromium	**12.9**	**12.5**	**11.5**	10.8	**11.2**	**14.1**	**11**	10 or SB
Copper	47.6	25.8	32.8	19.7	24.3	46.9	16.1	25 or SB
Lead	194	48.2	124	43.7	33.6	95.7	13.6	SB****
Mercury	**0.68**	0.054	**0.23**	**0.22**	**0.23**	**0.85**	0.14	0.1
Nickel	17.4	19.6	16.7	16.2	17.3	18.4	11.7	13 or SB
Selenium	**<2.4**	**<2.5**	**<2.3**	**<2.4**	**<2.3**	**<2.6**	**<2.4**	2 or SB
Silver	<1.2	<1.2	<1.2	<1.2	<1.1	<1.3	<1.2	SB
Thallium	<1.2	<1.2	<1.2	<1.2	<1.1	<1.3	<1.2	SB
Zinc	139	104	108	63.2	71.6	119	45	20 or SB
Acenaphthene	ND	0.035	0.067	ND	0.321	0.126	ND	50
Acenaphthylene	0.069	0.096	0.019	ND	0.485	0.465	ND	41
Anthracene	0.092	0.368	0.129	0.037	2.780	1.000	0.051	50
Benzo(a)anthracene	0.278	**1.350**	**0.353**	0.111	**6.270**	**4.430**	0.125	0.224
Benzo(a)pyrene	0.324	1.490	0.363	0.103	6.320	4.900	0.133	0.061
Benzo(b)fluoranthene	0.291	1.010	0.327	0.065	**4.040**	**3.070**	0.134	1.1
Benzo(g,h,i)perylene	0.277	1.020	0.248	0.093	0.466	0.217	ND	50
Benzo(k)fluoranthene	0.258	1.170	0.305	0.092	5.970	3.960	0.213	1.1
Carbazole	ND	0.124	0.120	ND	0.878	0.389	ND	NA
Chrysene	0.285	**1.140**	0.395	0.112	**5.270**	**3.850**	0.123	0.4
Dibenzo(a,h)anthracene	0.104	0.319	0.065	0.031	0.241	0.083	ND	0.014
Dibenzofuran	ND	0.060	0.044	ND	0.796	0.153	ND	6.2
Di-n-butyl phthalate	0.553	ND	ND	ND	ND	ND	ND	8.1
bis(2-Ethylhexyl)phthalate	1.180	0.098	0.089	ND	ND	ND	ND	50***
Fluoranthene	0.493	2.300	0.971	0.196	11.500	6.460	0.242	50
Fluorene	0.038	0.079	0.081		0.378	0.255	ND	50
Indeno(1,2,3-cd)pyrene	0.264	0.966	0.232	0.076	0.543	0.256	ND	3.2
2-Methylnaphthalene	ND	ND	ND	ND	0.501	0.064	ND	36.4
Naphthalene	ND	0.036	0.023	ND	2.040	0.196	ND	13
Phenanthrene	0.288	1.260	0.760	0.131	10.700	3.000	0.143	50***
Pyrene	0.393	1.910	0.705	0.189	9.050	6.420	0.216	50***
Acetone	0.066	ND	0.073	ND	ND	ND	ND	0.2
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	0.3
Carbon disulfide	0.003	ND	ND	ND	ND	ND	ND	2.7
Xylene (total)	ND	ND	ND	ND	ND	ND	0.002	1.2

All results in mg/kg (ppm)
ND = No Detection
NA = Not Available
SB = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

Table 3. Admiral Halsey Soil Sample Results

Client ID:	B8	B9	B10	B11	B12	B13	B14	TAGM 4046 Soil Cleanup Objective (ppm)
Date Sampled:	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Antimony	<2.4	<2.3	<2.4	<2.2	<2.5	<2.4	<2.3	SB
Arsenic	**12.3**	**10.2**	**8.5**	6.2	**9.4**	**8.2**	5.6	7.5 or SB
Beryllium	0.67	0.62	<0.60	<0.56	0.79	<0.61	<0.57	0.16 or SB
Cadmium	0.84	0.63	<0.60	<0.56	<0.62	0.87	<0.57	1 or SB
Chromium	**14.4**	**16.5**	**15**	**12.1**	**15.8**	**15.4**	**11.2**	10 or SB
Copper	42	39.2	34.7	29.2	37.9	36.5	23.5	25 or SB
Lead	109	23.2	65.9	24.7	22.3	245	30.5	SB****
Mercury	**0.26**	0.044	**0.3**	0.075	0.1	**1.6**	0.059	0.1
Nickel	21.7	23.7	21.8	21.1	33.3	19.5	18.7	13 or SB
Selenium	**<2.4**	**3.3**	**<2.4**	**<2.2**	**3.2**	**<2.4**	**<2.3**	2 or SB
Silver	<1.2	<1.1	<1.2	<1.1	<1.2	<1.2	<1.1	SB
Thallium	<1.2	<1.1	<1.2	<1.1	<1.2	<1.2	<1.1	SB
Zinc	119	102	92.7	66.6	105	270	58.7	20 or SB
Acenaphthene	0.086	ND	ND	ND	ND	0.308	0.066	50
Acenaphthylene	0.431	ND	0.033	ND	ND	0.131	0.023	41
Anthracene	0.586	ND	0.078	ND	ND	0.875	0.227	50
Benzo(a)anthracene	**2.670**	ND	0.253	0.057	ND	**1.960**	**0.889**	0.224
Benzo(a)pyrene	3.100	ND	0.249	0.064	ND	1.800	0.967	0.061
Benzo(b)fluoranthene	**2.670**	ND	0.153	0.060	ND	**2.700**	**1.580**	1.1
Benzo(g,h,i)perylene	0.070	ND	0.222	0.043	ND	0.041	0.033	50
Benzo(k)fluoranthene	2.090	ND	0.227	0.045	ND	1.540	1.290	1.1
Carbazole	0.163	ND	0.020	ND	ND	0.356	0.285	NA
Chrysene	**2.440**	ND	0.261	0.054	ND	**1.860**	**1.160**	0.4
Dibenzo(a,h)anthracene	0.048	ND	0.079	ND	ND	0.028	ND	0.014
Dibenzofuran	0.072	ND	ND	ND	ND	0.169	0.039	6.2
Di-n-butyl phthalate	ND	ND	ND	ND	ND	0.063	ND	8.1
bis(2-Ethylhexyl)phthalate	ND	ND	0.064	0.052	ND	0.078	ND	50***
Fluoranthene	2.950	ND	0.487	0.086	0.030	3.690	2.800	50
Fluorene	0.160	ND	ND	ND	ND	0.296	0.077	50
Indeno(1,2,3-cd)pyrene	0.114	ND	0.201	0.041	ND	0.069	0.043	3.2
2-Methylnaphthalene	0.036	ND	ND	ND	ND	0.064	ND	36.4
Naphthalene	0.091	ND	ND	ND	ND	0.138	ND	13
Phenanthrene	1.520	ND	0.221	0.044	0.027	3.040	1.650	50***
Pyrene	2.860	ND	0.544	0.083	0.023	2.500	1.270	50***
Acetone	ND	ND	ND	ND	ND	**0.914**	ND	0.2
2-Butanone (MEK)	ND	ND	ND	ND	ND	0.083	ND	0.3
Carbon disulfide	ND	ND	ND	ND	ND	0.026	ND	2.7
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	1.2

All results in mg/kg (ppm)
ND = No Detection
NA = Not Available
SB = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

8.0 Summary of Analytical Results

Samples B1, B12-B14, B1 (groundwater), and B14 (groundwater) were taken from the parking lot area on the eastern portion of the property. Samples B2, B5-B9 were taken from the northern portion of the property where the historic coal gasification plant was located. Samples B3, B4, B10, B11 and B3 (groundwater) were taken from around the UST. All of the soil samples collected within the site contained contaminant levels, which were above the New York State regulatory limits listed in TAGM 4046. All groundwater samples collected within the site contained contaminant levels, which were above the New York State regulatory limits. (See Tables 1, 2 and 3)

9.0 Evaluation of Environmental Impact

The laboratory results and observations made on site while completing the borings indicate the presence of contamination that may have resulted from the former coal gasification plant described within the previously referenced Phase I.

9.1 Contaminant Exposure

The subsurface materials encountered throughout the property consisted of locally found soil, brick fragments and/or coal ash. This would indicate that historic fill might underlie the property. As with areas previously used for industrial processes, historic fill typically contains levels of heavy metals and polycyclic aromatic hydrocarbons (PAH's), which are above current NYSDEC regulatory limits.

Elevated levels of metals and PAHs are wide spread throughout the property. Minimal risk of exposure is expected in the areas of the parking lot. The parking lot has about 6 inches of asphalt capping the soil located below. Human exposure to the soil located below the parking lot is not expected under normal conditions and operations. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.

Subsurface materials encountered beneath the park and lawn areas also contain elevated levels of metals and PAHs. Minimum to no risk is to be expected in the areas of the park area based on the normal use and operation. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.

Materials contained in the public garden area are expected to contain similar levels of soil contamination. In this area, increased soil exposure and possible ingestion of plant matter is expected. As a result of these activities, increased risk of human exposure is possible. Hillmann has been informed that the owner intends to install additional site controls which would prevent contact with the soils in this area. When completed, these measures would virtually eliminate the risk of exposure to the residents.

Samples taken from around the UST indicate elevated levels of metals and PAHs. Due to the wide spread presence of elevated metals and PAHs around the property, Hillmann has determined that the contamination encountered is not from the UST, but as a result of the historic coal gasification plant. It is determined that the UST did not impact the surrounding environment.

9.2 Local Usage of Groundwater

Local groundwater is not used for potable purposes. Due to the levels of contamination found within each soil sample, contaminants are not expected to migrate to the local drinking water supply. Therefore, any contamination potentially originating from the subject property is not anticipated to affect the local drinking water supply.

9.3 Evaluation of Ecological Receptors

The only ecological receptor in the vicinity of the subject property is the Hudson River, which is located approximately 1,881 feet to the west.

10.0 Conclusions & Recommendations

Hillmann has completed a Limited Phase II Investigation at 135 Main Street to assess the impact of former coal gasification plant and UST located on site. The completed scope of work included a GPR survey, the advancement of subsurface borings utilizing a Geoprobe and hand auguring.

The following has been concluded from this investigation.

1. The results of the investigation have identified the presence of contamination which could be attributed to past site usage. The environmental concerns identified through laboratory and field observations are the presence of metals and Polynuclear Aromatic Hydrocarbons (PAHs) present in the soil and groundwater.

2. It appears that the contamination identified is the result of former coal gasification processes conducted on site.

3. Elevated levels of metals and PAHs are wide spread throughout the property. Minimal risk of exposure is expected in the areas of the parking lot and/or lawn area. Any excavation or prolonged contact with the subsurface soils may potentially cause exposure to the subsurface contaminants.

4. Due to the wide spread presence of elevated metals and PAHs around the property, Hillmann has determined that the contamination encountered is not from the UST, but as a result of the historic coal gasification plant. It is determined that the UST did not impact the surrounding environment.

5. Omni has decided to develop a raised garden bed system. This decision will protect the current residence using the garden area. A brief description of the garden area is described in the below section.

6. Additionally, Omni is in the process of obtaining a "Property Use and Work Plan" to protect against possible contamination exposure. This document will provide insight on which procedures to follow during excavation activities. This document will be site specific and will only pertain to the subject property. A copy of the work plan will be located at the facility.

Hillmann Environmental Group, LLC, has recommended the following.

1. Hillmann recommends leveling out the current garden area, then placing a layer of clay or filter fabric on top of the current soil surface to separate the current contamination from clean soils of the raised garden areas. A sufficient layer of clean soil should be placed on top of the separating layer. After all clean soil is built up and contained to sufficient depth; the raised garden beds should be assembled on top of the layer of clean soil. A sufficient height from ground surface to the top of the garden beds should be achieved. This sufficient height will ensure that the root systems of plants growing in the garden will not breach the separating layer and possibly absorb and contamination from soils located below the garden. This remediation technique should provide ample depth to protect residents or other individuals working in the garden from contaminates present in the soil during gardening activities.

2. It is recommended that air monitoring be performed on the first level of the housing complex due to the publications of vapor intrusion possibilities. Air monitoring will determine if there is any vapor intrusion present at the subject property. Hillmann is currently under contract wit Omni to provide air-monitoring testing.

3. The former Bayeaux Street manufacturing gas plant (MGP) was located on the corner of Main Street and North Perry (formerly Bayeaux Street), and is currently occupied by Admiral Halsey Senior Village. Hillmann has contacted the NYSDEC directly, and was informed that although compounds have been identified on site at levels above current clean up standards, there is no requirement to report a spill to the NYSDEC. Therefore Hillmann does not recommend reporting the results to the NYDEC at this time provided the completed "Property Use and Work Plan" is maintained on site, and is provided to any person conducting work below the surface at this site.

11.0 Certification of Responsible Party

As owner/agent of 135 Main Street, Poughkeepsie, New York, I have read this report and acknowledge its content. I hereby confirm that the content is true to the best of my knowledge.

Signature:_____ Date:_____

Name:_____

Title:_____

Organization:_____

7.0 Analytical Results

Table 1. Admiral Halsey Groundwater Sample Results

Client ID:	B1	B3	B14	TAGM 4046 Cleanup
Date Sampled:	27-Mar	27-Mar	27-Mar	Objective
Matrix:	GW	GW	GW	ppb
Antimony (a)	<30	<30	<30	3
Arsenic (a)	**227**	**486**	**728**	25
Beryllium (a)	28.7	22.5	40.7	NA
Cadmium (a)	32.1	<20	<20	5
Chromium (a)	**487**	**536**	**612**	50
Copper (a)	1790	2040	2300	200
Lead (a)	**1780**	**6350**	**5130**	8
Mercury	3.8	17.4	16.4	0.7
Nickel (a)	**849**	**877**	**1360**	8.2
Selenium (a)	63.2	<50	86.2	10
Silver (a)	<50	<50	<50	50
Thallium (a)	**<50**	**<50**	**<50**	20
Zinc (a)	4760	6240	8250	66
Acenaphthene	ND	1.7	ND	20
Acenaphthylene	ND	1.7	ND	20
Anthracene	ND	5.6	ND	50
Benzo(a)anthracene	**0.53**	**17.7**	**1.6**	0.002
Benzo(a)pyrene	0.57	18.5	1.7	0.002
Benzo(b)fluoranthene	ND	**18**	**1.7**	0.002
Benzo(g,h,i)perylene	0.53	13.1	1.5	5
Benzo(k)fluoranthene	ND	**14**	**1.5**	0.002
Carbazole	ND	2.8	ND	NA
Chrysene	0.61	20	1.9	0.002
Dibenzo(a,h)anthracene	ND	4.3	ND	50
Dibenzofuran	ND	1.2	ND	5
Fluoranthene	1.2	38.6	3.2	50
Fluorene	ND	2.2	ND	50
Indeno(1,2,3-cd)pyrene	ND	**11.9**	**1.3**	0.002
Naphthalene	ND	0.8	1.1	10
Phenanthrene	0.82	20.3	1.4	50
Pyrene	0.86	33.9	3.1	50
Acetone	ND	5.7	ND	50

All results in ug/l (ppb)
ND = No Detection
NA = Not Available

Table 2. Admiral Halsey Soil Sample Results

Client ID:	B1	B2	B3	B4	B5	B6	B7	TAGM 4046 Soil Cleanup Objective (ppm)
Date Sampled:	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Antimony	<2.4	<2.5	<2.3	<2.4	<2.3	<2.6	<2.4	SB
Arsenic	6.1	**9.4**	6.4	3.6	6.5	**11.1**	3.7	7.5 or SB
Beryllium	<0.60	0.67	<0.58	<0.59	0.59	0.74	<0.61	0.16 or SB
Cadmium	0.86	<0.62	<0.58	<0.59	<0.56	<0.65	<0.61	1 or SB
Chromium	**12.9**	**12.5**	**11.5**	10.8	**11.2**	**14.1**	**11**	10 or SB
Copper	47.6	25.8	32.8	19.7	24.3	46.9	16.1	25 or SB
Lead	194	48.2	124	43.7	33.6	95.7	13.6	SB****
Mercury	**0.68**	0.054	**0.23**	**0.22**	**0.23**	**0.85**	0.14	0.1
Nickel	17.4	19.6	16.7	16.2	17.3	18.4	11.7	13 or SB
Selenium	**<2.4**	**<2.5**	**<2.3**	**<2.4**	**<2.3**	**<2.6**	**<2.4**	2 or SB
Silver	<1.2	<1.2	<1.2	<1.2	<1.1	<1.3	<1.2	SB
Thallium	<1.2	<1.2	<1.2	<1.2	<1.1	<1.3	<1.2	SB
Zinc	139	104	108	63.2	71.6	119	45	20 or SB
Acenaphthene	ND	0.035	0.067	ND	0.321	0.126	ND	50
Acenaphthylene	0.069	0.096	0.019	ND	0.485	0.465	ND	41
Anthracene	0.092	0.368	0.129	0.037	2.780	1.000	0.051	50
Benzo(a)anthracene	0.278	**1.350**	**0.353**	0.111	**6.270**	**4.430**	0.125	0.224
Benzo(a)pyrene	0.324	1.490	0.363	0.103	6.320	4.900	0.133	0.061
Benzo(b)fluoranthene	0.291	1.010	0.327	0.065	**4.040**	**3.070**	0.134	1.1
Benzo(g,h,i)perylene	0.277	1.020	0.248	0.093	0.466	0.217	ND	50
Benzo(k)fluoranthene	0.258	1.170	0.305	0.092	5.970	3.960	0.213	1.1
Carbazole	ND	0.124	0.120	ND	0.878	0.389	ND	NA
Chrysene	0.285	**1.140**	0.395	0.112	**5.270**	**3.850**	0.123	0.4
Dibenzo(a,h)anthracene	0.104	0.319	0.065	0.031	0.241	0.083	ND	0.014
Dibenzofuran	ND	0.060	0.044	ND	0.796	0.153	ND	6.2
Di-n-butyl phthalate	0.553	ND	ND	ND	ND	ND	ND	8.1
bis(2-Ethylhexyl)phthalate	1.180	0.098	0.089	ND	ND	ND	ND	50***
Fluoranthene	0.493	2.300	0.971	0.196	11.500	6.460	0.242	50
Fluorene	0.038	0.079	0.081		0.378	0.255	ND	50
Indeno(1,2,3-cd)pyrene	0.264	0.966	0.232	0.076	0.543	0.256	ND	3.2
2-Methylnaphthalene	ND	ND	ND	ND	0.501	0.064	ND	36.4
Naphthalene	ND	0.036	0.023	ND	2.040	0.196	ND	13
Phenanthrene	0.288	1.260	0.760	0.131	10.700	3.000	0.143	50***
Pyrene	0.393	1.910	0.705	0.189	9.050	6.420	0.216	50***
Acetone	0.066	ND	0.073	ND	ND	ND	ND	0.2
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	0.3
Carbon disulfide	0.003	ND	ND	ND	ND	ND	ND	2.7
Xylene (total)	ND	ND	ND	ND	ND	ND	0.002	1.2

All results in mg/kg (ppm)
ND = No Detection
NA = Not Available
SB = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

Table 3. Admiral Halsey Soil Sample Results

Client ID:	B8	B9	B10	B11	B12	B13	B14	TAGM 4046 Soil Cleanup Objective (ppm)
Date Sampled:	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	27-Mar	
Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Antimony	<2.4	<2.3	<2.4	<2.2	<2.5	<2.4	<2.3	SB
Arsenic	**12.3**	**10.2**	**8.5**	6.2	**9.4**	**8.2**	5.6	7.5 or SB
Beryllium	0.67	0.62	<0.60	<0.56	0.79	<0.61	<0.57	0.16 or SB
Cadmium	0.84	0.63	<0.60	<0.56	<0.62	0.87	<0.57	1 or SB
Chromium	**14.4**	**16.5**	**15**	**12.1**	**15.8**	**15.4**	**11.2**	10 or SB
Copper	42	39.2	34.7	29.2	37.9	36.5	23.5	25 or SB
Lead	109	23.2	65.9	24.7	22.3	245	30.5	SB****
Mercury	**0.26**	0.044	**0.3**	0.075	0.1	**1.6**	0.059	0.1
Nickel	21.7	23.7	21.8	21.1	33.3	19.5	18.7	13 or SB
Selenium	**<2.4**	**3.3**	**<2.4**	**<2.2**	**3.2**	**<2.4**	**<2.3**	2 or SB
Silver	<1.2	<1.1	<1.2	<1.1	<1.2	<1.2	<1.1	SB
Thallium	<1.2	<1.1	<1.2	<1.1	<1.2	<1.2	<1.1	SB
Zinc	119	102	92.7	66.6	105	270	58.7	20 or SB
Acenaphthene	0.086	ND	ND	ND	ND	0.308	0.066	50
Acenaphthylene	0.431	ND	0.033	ND	ND	0.131	0.023	41
Anthracene	0.586	ND	0.078	ND	ND	0.875	0.227	50
Benzo(a)anthracene	**2.670**	ND	0.253	0.057	ND	**1.960**	**0.889**	0.224
Benzo(a)pyrene	3.100	ND	0.249	0.064	ND	1.800	0.967	0.061
Benzo(b)fluoranthene	**2.670**	ND	0.153	0.060	ND	**2.700**	**1.580**	1.1
Benzo(g,h,i)perylene	0.070	ND	0.222	0.043	ND	0.041	0.033	50
Benzo(k)fluoranthene	2.090	ND	0.227	0.045	ND	1.540	1.290	1.1
Carbazole	0.163	ND	0.020	ND	ND	0.356	0.285	NA
Chrysene	**2.440**	ND	0.261	0.054	ND	**1.860**	**1.160**	0.4
Dibenzo(a,h)anthracene	0.048	ND	0.079	ND	ND	0.028	ND	0.014
Dibenzofuran	0.072	ND	ND	ND	ND	0.169	0.039	6.2
Di-n-butyl phthalate	ND	ND	ND	ND	ND	0.063	ND	8.1
bis(2-Ethylhexyl)phthalate	ND	ND	0.064	0.052	ND	0.078	ND	50***
Fluoranthene	2.950	ND	0.487	0.086	0.030	3.690	2.800	50
Fluorene	0.160	ND	ND	ND	ND	0.296	0.077	50
Indeno(1,2,3-cd)pyrene	0.114	ND	0.201	0.041	ND	0.069	0.043	3.2
2-Methylnaphthalene	0.036	ND	ND	ND	ND	0.064	ND	36.4
Naphthalene	0.091	ND	ND	ND	ND	0.138	ND	13
Phenanthrene	1.520	ND	0.221	0.044	0.027	3.040	1.650	50***
Pyrene	2.860	ND	0.544	0.083	0.023	2.500	1.270	50***
Acetone	ND	ND	ND	ND	ND	**0.914**	ND	0.2
2-Butanone (MEK)	ND	ND	ND	ND	ND	0.083	ND	0.3
Carbon disulfide	ND	ND	ND	ND	ND	0.026	ND	2.7
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	1.2

All results in mg/kg (ppm)
ND = No Detection
NA = Not Available
SB = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

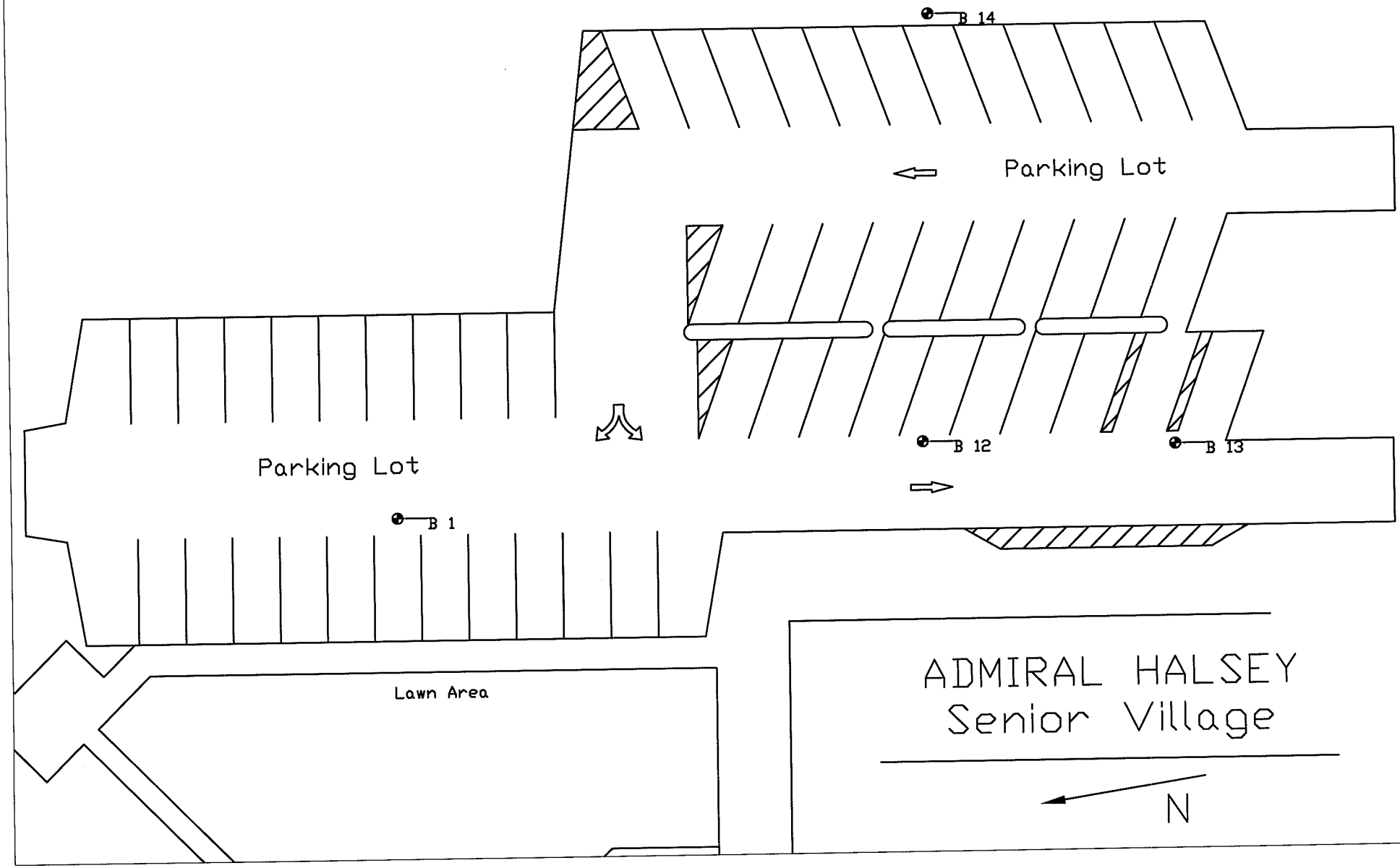
Attachment A

(Site Diagrams)

Site Diagram 1

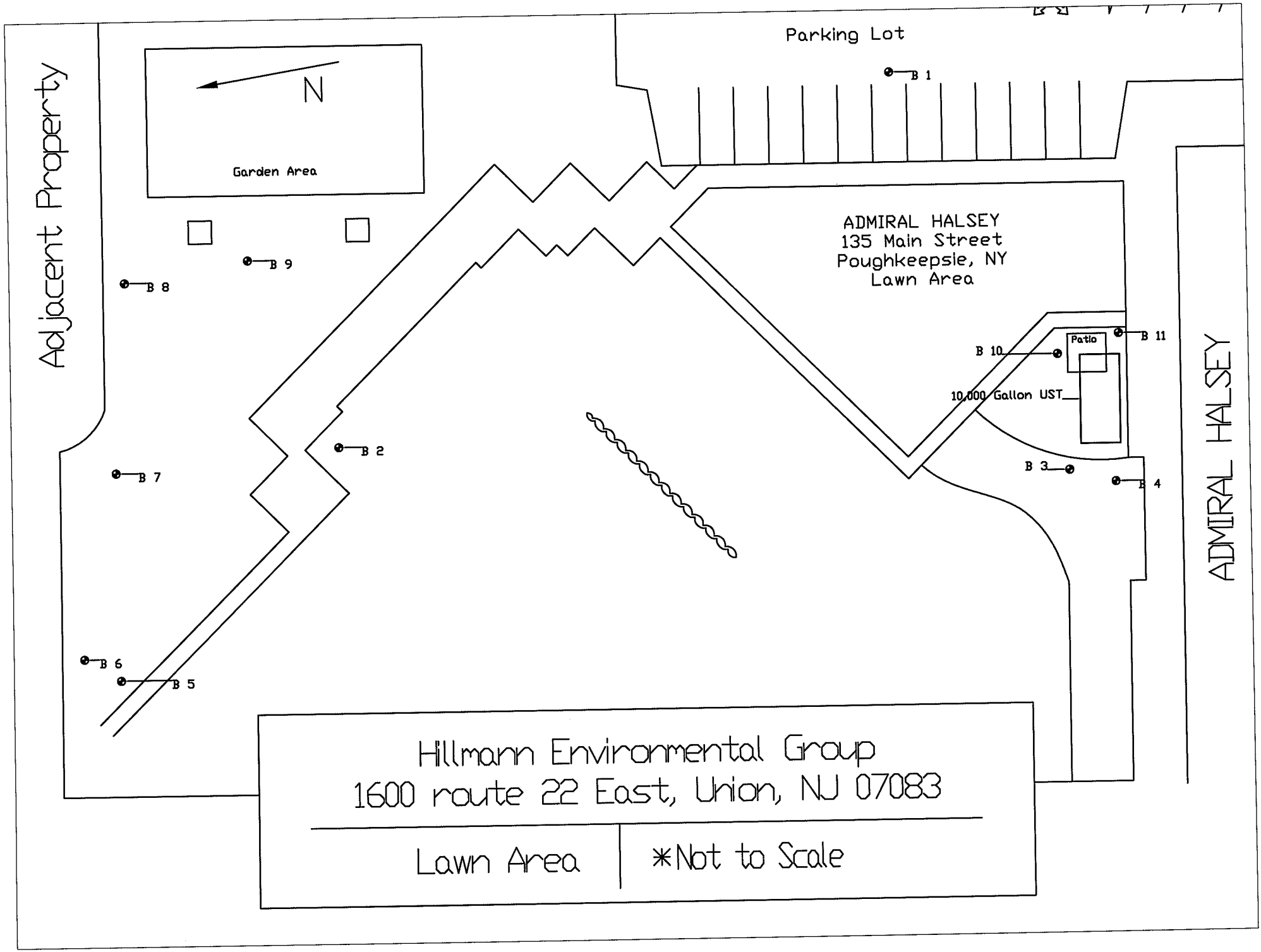
(Parking Lot)

Hillmann Environmental Group 1600 Route 22 East Union, NJ 07083	Parking Lot Area	June 06, 2007 *Not to Scale



Site Diagram 2

(Yard/Tank Area)


Parking Lot
B 1
N
Garden Area
Adjacent Property
ADMIRAL HALSEY
135 Main Street
Poughkeepsie, NY
Lawn Area
B 9
B 8
B 10
Patio
B 11
10,000 Gallon UST
B 2
B 7
B 3
B 4
B 6
B 5
ADMIRAL HALSEY
Hillmann Environmental Group
1600 route 22 East, Union, NJ 07083
Lawn Area
*Not to Scale

Attachment B

(Boring Logs)

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B1 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott

DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
7.5	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	SAMPLE NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			25			asphalt (2") sand, 1/2" rock (10") brick, stone fill		0
								4
5			34			brick, stone fill (12") dark, silty clay (10") grayish, green silty clay (bottom)		5
								8
0			18			sandy, rocky, wet sample B1@ 7' groundwater @ 7.5'		10
								12
5								15
								16
0								20
								20

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B2 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott
DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
N/A	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			12			organic soil / grass (12") dark, sandy, silty lighter sand, moist		0 4
5			17			lighter sand, silty (3") rocky, sand, silty clay (5") rock sand sample @ 7' refusal @ 7.5'		5 8
0								10 12
5								15 16
0								20 20

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B3 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott

DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
N/A	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			20			asphalt (6") rock, clay, sandy (13") no fill		0
								4
5			11			dark, moist sandy, coarse clay sample @ 4.5' groundwater @ 5'		5
								8
0								10
								12
5								15
								16
0								20
								20

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B4 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott

DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
N/A	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			20			asphalt (6") gravely sand (4") coarse sand (10")		0 4
5			34			coarse sand (6") darker coarse sand dense clay organic green clay		5 8
0			22			wet sandy clay light brown to dark groundwater @ 8'		10 12
5								15 16
0								20 20

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B10 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott

DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
N/A	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			12			brown silty coarse sand with medium 1" rocks (12")		0 4
5			16			brown silty coarse sand with medium 1" rocks (12") wet silty brown clay (6") groundwater @ 8' terminated @ 8'		5 8
0								10 12
5								15 16
0								20 20

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B11 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott

DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
N/A	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			16			coarse, gravelly sand with medium 1" rocks (16") moist		0 4
5			12			tan, coarse, gravelly sand with medium 1" rocks (16") wet @ 7.5' groundwater @ 8' terminated @ 8'		5 8
0								10 12
5								15 16
0								20 20

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B12 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott

DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
N/A	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			36			asphalt (6") tan/brown clayey coarse sand with 1" rocks (30") moist		0 4
5			30			tan/brown clayey coarse sand with 1" rocks (36") wet @ 8'		5 8
0								10 12
5								15 16
0								20 20

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B13 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott

DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
N/A	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			40			asphalt (5") tan/brown/black coarse grain sand and gravel (15") gray ash/sand (20")		0
			40			gray ash/sand (10") black/tan gravelly sand (20") tan silty clay (10") wet @ 8' terminated @ 8'		5 8
								10 12
								15 16
								20 20

HILLMANN ENVIRONMENTAL GROUP, L.L.C.

RECORD OF SUBSURFACE EXPLORATION

TEST NO: B14 (TP = TEST PIT, B = BORING, A = AUGUR PROBE)
CLIENT: OMNI New York, LLC
PROJECT: Admiral Halsey
LOCATION: 135 Main Street
Poughkeepsie, NY 12601
HILLMANN PROJECT NO: N6- 1661
DRILLER: Team Drilling
HILLMANN REP: Matthew Scott
DATE START: 3/27/2007
DATE COMPLETE: 3/27/2007
DRILLING METHOD: Direct Push
RIG TYPE: GeoProbe
TEST METHOD:
SURFACE ELEVATION:
TERMINATION DEPTH:

GROUNDWATER DATA		
DEPTH (FT.) BGS	ELEV. (FT.) MSL	TIME
N/A	N/A	D-
		C-
PRODUCT-		
GW-		
D=DURING DRILLING, C=COMPLETION		

DEPTH (FEET)	SAMPLE DEPTH (FEET)	NO.	REC. INCH	BLOW/6"	N	DESCRIPTION	PID READING (PPM)	DEPTH (FEET)
0			8			moist silty sand and organic material (4") tan/brown coarse grain sand (4")		0
								4
5			20			fill (red brick) (10") tan/brown silty sand with black streaks (10") wet @ 7'		5
								8
0			24			tan/brown silty sand with black streaks (24") temporary well @ 12'		10
								12
5								15
								16
0								20
								20

HILLMANN ENVIRONMENTAL GROUP, LLC

VAPOR INTRUSION INVESTIGATION

Admiral William F. Halsey Senior Village
135 Main Street
Poughkeepsie, NY

July 13, 2007

Prepared for:

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Project Number Y2-2741

July 13, 2007

VAPOR INTRUSION INVESTIGATION

PROJECT NUMBER:	**Y2-2741**
SUBJECT PROPERTY:	**Admiral William F. Halsey Senior Village** **Poughkeepsie, NY**
DATE OF SITE ASSESSMENT:	**Vapor Intrusion Investigations** **June 15, 21, 22, 2007**
ASSESSMENT PERSONNEL:	**Shane Bielawski** **Assistant Branch Manager** **Trevor Wescott** **Industrial Hygienist** **HILLMANN ENVIRONMENTAL GROUP, LLC**
	Shane Bielawski
	Trevor Wescott
REPORT REVIEWED BY:	**Jennifer Brown, MPS, CHMM** **Director, EH&S** **HILLMANN ENVIRONMENTAL GROUP, LLC**
	Jennifer Brown

I

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SECTION 1 – EXECUTIVE SUMMARY

1.1 General

On June 15, 21, and 22, 2007, Hillmann Environmental Group, LLC (Hillmann), conducted Vapor Intrusion Investigations of the Admiral William F. Halsey Senior Village, located at 135 Main Street in Poughkeepsie, NY. The investigation was conducted to evaluate the potential impact of remaining materials from a former Manufactured Gas Plant (MGP) on the subject property.

On June 15, 2007 a Pre-Inspection was conducted by Mr. Trevor Wescott of Hillmann. The Pre-Inspections consisted of a visual inspection and measurements of Volatile Organic Compounds (VOCs) with a Photo Ionization Detector (PID). The PID measurements were utilized for determining the potential presence of compounds in the air which may interfere with the Vapor Intrusion Investigation.

On June 21 through 22, 2007 vapor intrusion sampling was conducted by Mr. Trevor Wescott and Mr. Shane Bielawski of Hillmann. The vapor intrusion investigation consisted of the placement of six (6) summa canisters for a total duration of 24 hours. The summa canisters were analyzed for VOCs via the TO-15 Method as required for compliance with USEPA and NYDOH guidelines.

1.2 Background Introduction

Vapor intrusion refers to the migration of vapors from subsurface contaminant sources into buildings. Sources include but are not limited to: manufactured gas plants, underground storage tanks, drycleaners, other manufacturing processes, etc. Environmental and or building factors may increase the potential for vapor intrusion if a source is present. These factors include the following: soil conditions, volatile organic compound concentrations, source locations, groundwater conditions, surface confining layer, fractures in bedrock and/or tight clay soils, underground conduits, weather conditions, biodegradation processes, operation of HVAC systems, fireplaces, heated buildings, air exchange rates, foundation type, foundation integrity and subsurface features that penetrate the building's foundation.

1.3 Site Background

The Admiral William F. Halsey Senior Village consists of a stand alone, thirteen story building located at 135 Main Street in Poughkeepsie, NY.

A manufactured gas plant existed on the premises prior to the current building.

1.4 Manufactured Gas Plants (MGPs)

Manufactured Gas Plants (MGPs) were utilized between the early 1800s and mid 1900s in order to convert coal and/or oil and/or water into fuel for the purposes of heating, lighting, cooking, etc. The process of converting these raw materials into a usable fuel also produced waste byproducts in the form of coal tar and other purified wastes. Coal tar deposits left from these MGPs are the source of concern for vapor intrusion into buildings constructed on, or adjacent to, these deposits. Coal tar can be divided into two categories, namely BTEX and Polycyclic Aromatic Hydrocarbons (PAHs). BTEX consists of benzene, toluene, ethylbenzene and xylenes, which are considered volatile organic compounds. PAHs consist of many semi-volatile organic compounds.

1.5 Applicable Studies

In order to evaluate whether vapor intrusion is or may be occurring at a particular site, background airborne concentrations need to be evaluated. The studies and limited discussion of such that were utilized as background criteria are the following:

New York State Department of Health (NYSDOH) 2003: Study of Volatile organic Chemicals in Air of Fuel Oil Heated Homes. The benchmark used in this study is the upper fences, which is calculated as 1.5 times the interquartile range (difference between the 25th and 75th percentile values) above the 75th percentile value. It is a boundary estimate used to account for outliers in the data. This study encompassed 104 single family fuel oil heated homes throughout New York State. Samples were collected for two hours in SUMMA canisters and analyzed via EPA TO-15 Methodology. Limitations in this study design were the exclusion of New York City, only fuel heated homes were selected and the homes were not randomly selected.

Environmental Protection Agency (EPA) 2001: Building Assessment and Survey Evaluation (BASE) Database. The benchmark used in this study is the 90th percentile value. The study encompassed 100 randomly selected public and commercial office buildings. Samples were collected for 9 hours with the SUMMA canister and analyzed via TO-14 methodology and by sorbent tube for 8 hours and analyzed via TO1 Methodology Limitations in this study design were it only represented office type settings and different analysis/methodologies with non overlapping agreement in results.

New York State Department of Health (NYSDOH) 1997: Control Home Database. The benchmark used in this study is the 90th percentile value. The study encompassed 53 residences in the New York State that are considered control homes. Due to the length of time of the study (from 1989-1996), a number of methodologies along with sampling criteria were utilized during the study which often varied in the length of time homes were sampled. Limitations in this study design were the small sampling size of homes, varying detection limits and multiple methodologies.

Environmental Protection Agency (EPA) 1988: National Ambient Volatile Organic Compounds (VOCs) Data Base Update. The benchmark used in this study is the 75th percentile value. The study encompassed office and residential spaces. Limitations in this study design were the use of both residential and office spaces, sample size for some of the analytes is small. Limitations in the use of this study in comparison to the data in vapor intrusion studies is the data may be dated in the use of current indoor air quality exposures.

1.6 Scope of the Investigation

The vapor intrusion evaluation consisted of one round of sampling for VOCs by TO-15 Method. Samples were collected from the Sub-Basement, Maintenance Room, Community Room, on the 1st Floor Adjacent the Elevator, and on the 6th Floor Adjacent the Elevator. Also, during the sampling events, one outdoor reference sample was collected.

1.7 Findings

Hillmann has evaluated the sampling data from the round of sampling and compared these concentrations to four published studies by both the EPA and the NYSDOH. The observed data are not indicative of vapor intrusion due to abandoned manufactured gas plants (MGP). The majority of the results were below the limit of detection for the analytical method employed. A small fraction of the results exceeded the limit of detection. These exceedances were randomly located and the constituents are consistent with common cleaning products. None of the areas with observed concentrations had a combination of components that could be associated with MGP vapor intrusions. In addition, the levels are likely to be transient and of little concern. Similar levels are often observed in occupied living spaces that have no potential for MGP vapor intrusion.

Samples sent to EMSL Laboratory

Compound	Number of Samples Exceeding				
	Detection Limit	EPA BASE Data[1]	EPA Database[2]	NYSDOH-VOC in Air of Fuel Oil Heated Homes	NYSDOH-Control Home Database
		Offices 1994 to 1996; Published 2001	Homes & Offices 1970 - 1988	1997-2003	1997
1,1,1-trichloroethane	0	0	0	0	0
1,1,2,2-tetrachloroethane	0	0	0	0	0
1,1,2-trichloroethane	0	0	0	0	0
1,1,-dichloroethane	0	0	0	0	0
1,1-dichloroethene	0	0	0	0	0
1,2-dibromoethane	0	0	0	0	0
trans-1,2-Dichloroethene	0	0	0	0	0
1,2-dichloroethane	0	0	0	0	0
1,2-dichlorobenzene	0	0	0	0	0
1,2-dichloropropane	0	0	0	0	0
1,3-Butadiene	0	0	0	0	0
1,3-dichlorobenzene	0	0	0	0	0
cis-1,3-Dichloropropene	0	0	0	0	0
trans, 1,3-Dichloropropene	0	0	0	0	0
1,2,4-Trichlorobenzene	0	0	0	0	0
1,2,4-trimethylbenzene	1	0	1	1	0
1,3,5-trimethylbenzene	0	0	0	0	0
1,4-Dioxane	0	0	0	0	0
1,4-Dichlorobenzene	1	1	0	1	1
2-Butanone (MEK)	5	0	0	0	0
2-Chlorotoluene	0	0	0	0	0
2,2,4-Triethylpentane (Isooctane)	0	0	0	0	0
2-Hexanone (MBK)	0	0	0	0	0
3-Chloropropene (Allyl chloride)	0	0	0	0	0
4-Methyl-2-pentanone (MIBK)	0	0	0	0	0
4-Ethyltoluene	1	1	0	0	0
Acetonitrile	0	0	0	0	0
acetone	5	0	1	0	0
Acrylonitrile	0	0	0	0	0
benzene	0	0	0	0	0
Benzyl chloride	0	0	0	0	0
bromo-dichloromethane	0	0	0	0	0
Bromoethane (Ethyl bromide)	0	0	0	0	0
Bromoethene (Vinyl bromide)	0	0	0	0	0
Bromoform	0	0	0	0	0
carbon tetrachloride	0	0	0	0	0
Carbon disulfide	0	0	0	0	0
chlorobenzene	0	0	0	0	0
Chloroethane	0	0	0	0	0
chloroform	0	0	0	0	0
Cyclohexane	0	0	0	0	0

	Number of Samples Exceeding				
		EPA BASE Data[1]	**EPA Database[2]**	**NYSDOH-VOC in Air of Fuel Oil Heated Homes**	**NYSDOH-Control Home Database**
cis-1,2-dichloroethene	0	0	0	0	0
dibromo-chloromethane	0	0	0	0	0
Ethyl acetate	1	0	0	0	0
Ethanol	6	0	0	0	0
ethylbenzene	0	0	0	0	0
Freon 11 (Trichlorofluoromethane)	1	0	0	0	0
Freon 12 (Dichlorodifluoromethane)	1	0	0	0	0
Freon 113 (1,1,2-Trichlorotrifluoroethan)	0	0	0	0	0
Freon 114 (1,2-Dichlorotetrafluoroethan)	0	0	0	0	0
Hexachloro-1,3-butadiene	0	0	0	0	0
n-Heptane	0	0	0	0	0
n-hexane	0	0	0	0	0
Isopropl alchohol (2-Propanol)	2	0	0	0	0
methyl bromide (bromomethane)	0	0	0	0	0
methyl chloride (chloromethane)	2	0	0	0	0
methylene chloride	1	1	0	0	0
m,p-xylene	1	0	0	0	0
methyl-tert-butyl-ether (MTBE)	0	0	0	0	0
o-xylene	0	0	0	0	0
Propylene	0	0	0	0	0
styrene	0	0	0	0	0
Tertiary butyl alcohol (TBA)	0	0	0	0	0
tetrachloroethene	0	0	0	0	0
Tetrahydrofuran	0	0	0	0	0
Toluene	3	0	0	0	0
trichloroethene	0	0	0	0	0
Vinyl acetate	0	0	0	0	0
vinyl chloride	0	0	0	0	0

*EPA Database shows value of 0 mg/m^3 as 75th percentile, but this is likely a typographical error as they show 32 mg/m^3 as the 50th percentile. Based on the EPA's published range of data, a value of 0 mg/m^3 for the 75th percentile is mathematically impossible.

Although there were detections of numerous chemicals, these chemicals represent a wide variety of uses and are not indicative of MGP vapor intrusion. Furthermore, only a small percentage of samples exceed values typical of homes and offices as described by the US EPA and NYSDOH studies.

1.8 Conclusions and Recommendations

Based on Hillmann's review of indoor sample results, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. In order to conduct a comprehensive vapor intrusion assessment NYSDOH Guidelines recommend that sub-slab soil vapor samples be collected. Sub-slab samples are an important component used to compare with indoor and outdoor samples in order to evaluate current and potential human exposures (e.g. if the building's structural integrity or use changes) and determine the site-specific attenuation factors, which compares the ratio of indoor air to sub-slab vapor concentrations. Furthermore, it may be prudent for follow-up sampling to be conducted on a periodic basis (such as annual or bi-annual) to ensure these conditions do not change over time. If significant changes occur at the building (increase or decrease HVAC, digging, vibration, etc) the potential for vapor intrusion may increase.

SECTION 2 - INTRODUCTION

2.1 General

On June 15, 21, and 22, 2007, Hillmann Environmental Group, LLC (Hillmann), conducted Vapor Intrusion Investigations of the Admiral William F. Halsey Senior Village, located at 135 Main Street in Poughkeepsie, NY. The investigation was conducted to evaluate the potential impact of remaining materials from a former Manufactured Gas Plant (MGP) on the subject property.

On June 15, 2007 a Pre-Inspection was conducted by Mr. Trevor Wescott of Hillmann. The Pre-Inspections consisted of a visual inspection and measurements of Volatile Organic Compounds (VOCs) with a Photo Ionization Detector (PID). The PID measurements were utilized for determining the potential presence of compounds in the air which may interfere with the Vapor Intrusion Investigation.

On June 21 through 22, 2007 vapor intrusion sampling was conducted by Mr. Trevor Wescott and Mr. Shane Bielawski of Hillmann. The vapor intrusion investigation consisted of the placement of six (6) summa canisters for a total duration of 24 hours. The summa canisters were analyzed for VOCs via the TO-15 Method as required for compliance with USEPA and NYDOH guidelines.

The vapor intrusion inspection was performed under guidance of the New York State Department of Health Center of Environmental Health Bureau of Environmental Exposure Investigation (NYSDOH CEH BEEI). The document is intended as general guidance for evaluating vapor intrusion in the State of New York. The methodology is a reasonable and practical approach to identifying and addressing current and potential human exposures to vapor intrusion.

The inspection and sampling were performed by trained industrial hygienists using Environmental Protection Agency (EPA) and National Institute for Occupational Safety and Health (NIOSH) sampling techniques. Samples were analyzed at an appropriately accredited laboratory. These samples, representative of a narrow time frame, were for screening purposes only and were not intended to represent definitive exposure levels.

2.2 Sampling Parameters and Methodology

Hillmann selected the sampling parameters based on consultations with the Client, the laboratories performing the analysis and our in-house experts. The chosen parameters for the pre-inspection walk-through were direct read volatile organic compounds via (PID). During the vapor intrusion investigation the chosen parameter was volatile organic compounds via TO-15 Method.

PRE-INSPECTION

All areas that were to be sampled were inspected for conditions that could interfere with the proposed analysis. The investigator utilized a handheld PID to identify preexisting conditions that were generating volatile organic compound vapors. Where identified, the source was removed prior to sampling. The investigator also conducted a visual inspection of the area to assure that there would be no problems with the selected sampling locations.

VAPOR INTRUSION INVESTIGATION

Volatile Organic Compounds (VOCs) were collected by drawing air through a 6 Liter Summa Canister and analyzed for VOCs via the TO-15 Method. These canisters were evacuated to a vacuum of 30 lbs per square inch. Samples were collected for a total duration of 24 hours. This method has been recognized by the USEPA and the NYS DOH as the appropriate sampling method for vapor intrusion investigations and is capable of reaching limits of detection below the levels established by the USEPA and the NYDEC. At the completion of sampling, the canisters were collected and delivered to an accredited laboratory for analysis. Samples were sent EMSL in Westmont, for analysis.

SECTION 3 – DISCUSSION

3.1 Pre-Inspection (Visual Observations and VOCs via PID)

The pre-inspections consisted of visual observations along with measurements of VOCs with a Photo Ionization Detector (PID). [Hillmann personnel] made verbal recommendations made to [who? Identify] at the time of the pre-inspections for removal of potential interferences [with] the TO-15 sampling event based on these visual observations and PID measurements. It was observed that the housekeeping and maintenance personnel are storing multiple chemicals throughout the facility. These chemicals ranged from normal cleaning products to paints and thinners. While the storage of small volumes of these materials for daily use is not a threat to occupants, their presence does present a potential interference with the investigation's data collection.

3.2 Vapor Intrusion Investigation (VOCs via TO-15 Method)

The vapor intrusion evaluation consisted of one round of sampling for VOCs by TO-15 Method in the subject building. Samples were collected from the Sub-Basement, Maintenance Room, Community Room, on 1st Floor Adjacent the Elevator, and on the 6th Floor Adjacent the Elevator. Also, during the sampling events, one outdoor reference sample was collected.

Hillmann has evaluated the sampling data from the round of sampling and compared these concentrations to four published studies by both the EPA and the NYSDOH. Based on the sampling data, Hillmann has not identified concentrations of volatile organic compounds that are likely to be associated with manufactured gas byproducts. The identified compounds included items such as acetone (a lab contaminant), ethanol (cleaning products), and petroleum hydrocarbons (products of auto emissions). While some of these compounds are also found in MGPs, none of the properties showed evidence of a combination of compounds that would indicate impact from the previous manufacturing processes.

Weather Conditions on Sampling Days

Date	Mean Temperature (ºF)	Precipitation (inches)
June 15, 2007	**64**	**0.0**
June 21, 2007	**66**	**0.0**
June 22, 2007	**64**	**0.0**

www.wunderground.com/history

Summary of Exceedances by Building

BUILDING LOCATION	DATE OF SAMPLING	Weather Conditions		Parameters above guidance levels (EPA BASE)
EMSL SAMPLES		**TEMP**	**PRECIP.**	
Sub-Basement	6-21-07 to 6-22-07	66/64° F	0.0/0.0	0
Maintenance Room	6-21-07 to 6-22-07	66/64° F	0.0/0.0	3
Community Room	6-21-07 to 6-22-07	66/64° F	0.0/0.0	0
1st Floor Adjacent Elevator	6-21-07 to 6-22-07	66/64° F	0.0/0.0	1
6th Floor Adjacent Elevator	6-21-07 to 6-22-07	66/64° F	0.0/0.0	0
Ambient-Rear of Building	6-21-07 to 6-22-07	66/64° F	0.0/0.0	0

Samples results do not appear to show any spatial or temporal trend, nor is there any indication of an interaction with the weather.

SECTION 4 – CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

Based on Hillmann's review, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. Based on the data that we have at this time, Hillmann has found no evidence that an increase health risk exists from the previous Manufactured Gas Plant (MGP). Although the NYSDOH or Hillmann recognize the upper range of the comparative data as a valid reference, it should be noted that very few samples would exceed this level present in some non-impacted homes. Furthermore, it should be noted that samples were collected from areas susceptible to organic vapors from maintenance products and processes.

4.2 Recommendations

Based on Hillmann's review of indoor sample results, indoor air quality is not anticipated to cause occupant illness or require immediate remediation. In order to conduct a comprehensive vapor intrusion assessment NYSDOH Guidelines recommend that sub-slab soil vapor samples be collected. Sub-slab samples are an important component used to compare with indoor and outdoor samples in order to evaluate current and potential human exposures (e.g. if the building's structural integrity or use changes) and determine the site-specific attenuation factors, which compares the ratio of indoor air to sub-slab vapor concentrations. Furthermore, it may be prudent for follow-up sampling to be conducted on a periodic basis (such as annual or bi-annual) to ensure these conditions do not change over time. If significant changes occur at the building (increase or decrease HVAC, digging, vibration, etc) the potential for vapor intrusion may increase.

SECTION 5 – APPENDICES

5.1 List of Abbreviations

AIHA	American Industrial Hygiene Association
ACGIH	American Conference of Governmental Industrial Hygienists
ASHRAE	American Society of Heating, Refrigeration and Air-conditioning Engineers
CDC	Centers for Disease Control
EPA	Environmental Protection Agency
NAAQS	National Ambient Air Quality Standard
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
CFU/m^3	Colony forming units per cubic meter of air
F/cc	Fibrous dust per cubic centimeter of air
HVAC	Heating, ventilation & air-conditioning
mg/m^3	Milligrams per cubic meter of air
PEL	Permissible exposure level. This is the enforceable standard.
pCi/L	Picocuries per liter of air
ppm	Parts per million
TLV	Threshold limit value
TWA	Time weighted average

5.2 References

1. American Conference of Governmental Industrial Hygienists, Guidelines For The Assessment Of Bioaerosols In The Indoor Environmental, Cincinnati, Ohio 1989.

2. Plog, B. A., Benjamin, G. S., and Kerwin, M. A.; Fundamentals of Industrial Hygiene, Fourth Edition; National Safety Council; 1996.

3. McDermott, Henry J.; Handbook of Ventilation for Contaminant Control, Second Edition; Butterworth Publishers; 1985.

4. Committee on Industrial Ventilation; Industrial Ventilation 22nd; Edition; "A Manual of Recommended Practice"; American Conference of Governmental Industrial Hygienists, Inc.; 1995.

5. ANSI/ASHRAE; Thermal Environmental Conditions for Human Occupancy 55-2004 ASHRAE; 2004.

6. ANSI/ASHRAE; Ventilation for Acceptable Indoor Air Quality, 62-1989; ASHRAE; 1990.

7. Building Assessment and Survey Evaluation (BASE '94-'98). Unpublished. Indoor Environments Division, United States Environmental Protection Agency, Washington, DC.

8. National Ambient Volatile Organic Compounds (VOCs) Data Base Update. 1988. Nero and Associates, Portland, OR, for the United States Environmental Protection Agency, Research Triangle Park, NC. EPA PB88-195631.

9. New York State Department of Health 2003: Study of Volatile Organic Chemicals if Air in Fuel Oil Heated Homes

10. New York Department of Health . 1997. "Background Indoor/Outdoor Air Levels of Volatile Organic Compounds in Homes Sampled by the New York State Department of Health, 189-1996" Bureau of Toxic Substance Assessment, Troy, NY.

11. New York State Department of Health October 2006. Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

12. Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air Second Edition, Compendium Method TO-15, Determination of Volatile Organic Compounds (VOCs) In Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS); January 1999

13. New York State Department of Health in conjunction with ConEdison, Fact Sheet Start of Investigation of a Former Manufactured Gas Plant at Peter Cooper Village, January 2003

14. East 21st Street Works Site Comprehensive Report of Evaluation of Indoor Air and Soil Gas Sampling for Sampling Dates June 2003, August 2003 and March-May 2004, the RETEC Group, Inc, November 10, 2004

APPENDIX A—CHARTS OF SAMPLE RESULTS

APPENDIX B—CHAINS OF CUSTODIES

APPENDIX C—Detection Limits

Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649
www.ehi-inc.com

September 8, 2008

Ms. Courtney Reed
Admiral Halsey, LP
C/o Omni New York LLC
885 Second Avenue
31st Floor, Suite C
New York, NY 10017

Re: Radon Testing
Admiral Halsey, Poughkeepsie, NY Radon Report

Dear Ms. Reed:

Attached is our Report of Findings regarding the radon testing conducted at the above-referenced addresses.

Please let me know if you have any questions.

Very truly yours,

Bob Arneil
Vice President - New York Operations

Cc: Ms. Megan Black

Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649
www.ehi-inc.com

REPORT OF FINDINGS

Radon Testing

Admiral Halsey, Poughkeepsie, New York

On Behalf Of:

Admiral Halsey, LP
C/o Omni New York LLC
885 Second Avenue
31st Floor, Suite C
New York, NY 10017

Testing Conducted: August 26 thru August 28, 2008
Report Dated: September 8, 2008

EHI Project #: 0561-2481

Admiral Halsey, LP
C/o Omni New York, LLC
Poughkeepsie, NY

Radon Testing
August 26-28, 2008
EHI Project #: 0561-2481

1.0 Introduction

Environmental Health Investigations, Inc. (EHI) was retained by Admiral Halsey, LP, C/o of Omni New York, LLC to conduct radon testing at the Admiral Halsey facility in Poughkeepsie, New York. The testing commenced on August 26, 2008 and concluded on August 28, 2008.

The testing was conducted by Ms. Lisa LiLoia of EHI.

2.0 Methodology

Radon is a colorless, odorless, naturally occurring, radioactive inert gas formed by the radioactive decay of the element Radium. Radium can be found in rock formations that underlie the foundation of a building or residence. Therefore, radon testing is conducted in the lowest level suitable for occupancy in a particular building. Should there be no basement level, the lowest occupied level is acceptable. In the case of Admiral Halsey the lowest occupied levels are called "Ground Floor". Open building conditions, i.e. open doors and windows, were prevalent due to the season, summer. No fans or other air handling equipment were in use, these items could have affected the outcome of the tests.

Testing began on August 26, 2008 at 3 locations. The canisters, 1 in each location, were placed in unobtrusive locations to avoid curiosity-based disturbances and were a minimum of 20 inches off the floor. The US EPA recommends that a short-term Radon test be conducted for at least 48 hours and could extend up to 90 days. At Admiral Halsey, the 48 hour protocol was followed. The tests are passive and require only activation, time logs and de-activation.

On August 28, 2007, Ms. LiLoia returned to the sites and retrieved the canisters. The

canisters were then sent to a NYS ELAP-certified laboratory for analysis.

3.0 Results

Results were received on September 2, 2008. The following is a summary of findings.

Location	Sample #	Start Time	Finish Time	Duration	Result (pCi/L)
Main Office	R-016822	8-26-08 1:28 PM	8-28-08 2:05 PM	48 hrs. 37 mins.	<1.8
Community Room	R-016821	8-26-08 1:21 PM	8-28-08 2:00 PM	48 hrs. 39 mins.	<1.8
Boiler Room	R-017504	8-26-08 1:30 pm	8-28-08 2:08 PM	48 hrs. 38 mins.	<1.8

4.0 Conclusions

The US EPA has set an action level of 4.0 pico Curies per Liter (pCi/L) for a residence.

The tests conducted at the Admiral Halsey are all well below the action level. The US EPA maintains a radon information website which includes copies of all publications, at www.epa.gov/iaq/radon

Signed & Attested To By: Bob Arneil

Bob Arneil
Vice President - New York Operations

APPENDIX

A

Laboratory Results

Eastern Analytical Services, Inc.

Radon Air Sample Report

RE: CPN 0561-2481 - 135 Main Street - Poughkeepsie, NY

Date Collected: 08/26-28/2008
Sampled By: Lisa Liloia
Date Kit Mailed: 03/24/2008
Date Received: 09/02/2008
Date Analyzed: 09/02/2008
Analyzed By: Joseph B. LaPuebla
Signature:
Analyte: Radon.db
Analytical Method EPA 500/5-87-005
NYS Lab Number: 10851
NEHA Lab Number: 101244

Client: Environmental Health Investigations, Inc.
655 West Shore Trail
Sparta, NJ 07871

Sample ID# / Lab ID#	Date Start/Stop	Time (EST) Start/Stop	Elapsed Time (Hours)	Sample Location	Sample Notes	Concentration
R-016822 1686569	08262008 08282008	1328 1405	48.6	Main Office - Ground Floor - On File Cabinet - 5ft	Not Given	BDL <1.8 pCi/L
R-016821 1686570	08262008 08282008	1321 1400	48.7	Community Room - Ground Floor - West Side of Room - 6ft	Not Given	BDL <1.8 pCi/L
R-017504 1686571	08262008 08282008	1330 1408	48.6	Boiler Room - Ground Floor - 4ft Above Floor	Not Given	BDL <1.8 pCi/L

Radon Health Risk Information

Radon is the second leading cause of lung cancer, after smoking. The US Environmental Protection Agency (EPA) and the Surgeon General strongly recommend taking further action when the home's radon test results are 4.0 pCi/L (picocuries per liter of air), or greater. Radon levels less than 4 pCi/L still pose some risk and in many cases may be reduced. If the radon level in your home is between 2.0 and 4.0 pCi/L, EPA recommends that you consider mitigation. The national average indoor radon level is about 1.3 pCi/L. The higher a home's radon level, the greater the health risk to the occupants. Smokers and former smokers are at especially high risk. There are straightforward ways to mitigate a home's radon problem that are not too costly. Even homes with very high levels can be reduced to below 4.0 pCi/L. EPA recommends that only EPA or State approved contractors be utilized to perform radon mitigation.

Exposure Times Supplied by Client for Samples Not Collected by EAS
BDL = Below Detectable Limits Estimated Uncertainty Not Greater Than Twenty-Five Percent
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

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October 9, 2007

Ms. Courtney Reed
Admiral Halsey LP
C/o Omni New York, LLC
885 Second Avenue
31st Floor, Suite C
New York, NY 10017

Re: Lead Paint Screening
Admiral Halsey
135 Main St.
Poughkeepsie, NY
EHI Project #: 0561-2156A

Dear Ms. Reed:

Environmental Health Investigations, Inc. (EHI) was retained by Admiral Halsey, LP to conduct an XRF lead paint screening at the Admiral Halsey located at 135 Main Street in Poughkeepsie, New York. The lead paint screening was performed on September 25 & 26, 2007 by Mr. Jean-Paul von Doehren and Ms. Lisa Liloia of EHI.

EHI personnel conducted a walk through of various apartments throughout the facility to identify painted surfaces which were to be tested. An RMD-XRF was used to measure the amount of lead in paint for the various painted surfaces inside the apartments and in the common spaces throughout the facility. The RMD-XRF is capable of analyzing multiple layers of paint for the presence of lead. Lead paint is defined as a paint containing quantities of lead greater than or equal to 1.0 mg/cm^2.

Based on the results of the screening, no tested paint surfaces were found to contain lead paint. However, many of the wall tiles in the bathrooms throughout the facility tested positive for lead. The wall tiles are not considered a lead painted surface but do contain levels of lead in them greater than or equal to 1.0 mg/cm^2. Contractors performing any renovation or demolition activities that will impact the wall tiles creating dust and debris should consult the Operations and Maintenance Plan to determine work practices and proper personal protective equipment. The results for all tested surfaces are listed in the attached report.

Please feel free to contact me if you have any questions regarding this report.

Very Truly Yours,

J. P. Von D

Jean-Paul von Doehren
Project Manager

Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649
www.ehi-inc.com

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC
655 WEST SHORE TRAIL
SPARTA, NJ 07871

October 9, 2007

Lead Paint Screening

on behalf of

Admiral Halsey LP
C/o Omni New York, LLC
885 Second Avenue
31st Floor, Suite C
New York, NY 10017

Alliant Credit Facility, Ltd ISAOA
Alliant Credit Facility, ALP, LLC ISAOA
1600 Oxnard Street, Suite 1200
Woodland Hills, CA 91367

New York State Housing Finance Agency
641 Lexington Avenue, 4th Floor
New York, NY 10022

Citigroup
Citibank Community Development
One Court Square
45 Floor, Zone 12
Long Island City, NY 11120

XRF Manufacturer:	RMD Instruments, LLC	XRF Device: Serial #:	LPA-1 2483 & 2562
Operators:	Jean-Paul von Doehren Lisa Liloia	EHI Project #:	0561-2156A
Inspection Site:	**Admiral Halsey** **135 Main Street** **Poughkeepsie, NY**	Inspection Date:	09/25/07 & 09/26/07

This report represents the conditions, locations and materials identified at the time of the inspection. The results are valid only for the time at which the inspection occurred. No past and/or future inferences should be made based on the data contained in this report. No warranty, express or limited is made. This inspection was performed utilizing generally accepted industry standards and equipment at the time it was conducted.

This report relates only to those surfaces required for testing by the client. The only tests that exceeded the EPA limit of greater than or equal to 1.0 mg/cm^2 were tile walls found in the bathrooms. These tests have been highlighted in gray in the attached report.

This report should be accessible to contractors who may work at this location in the future. Consistent testing combinations were used throughout the referenced property; if a component was tested in a particular area, the result is valid for other like components in that area.

This report was generated for the sole use of Environmental Health Investigation, Inc. and its client. Use by any other parties is strictly forbidden without consent, in writing, from EHI. This report should be used in its entirety.

Inspection Dat	**9/25/2007**			**Address:**	**135 Main Street, Poughkeepsie, NY**		
Report Date:	**9/28/2007**			**Apartment:**	**Common Areas**		
Abatement Le	**1**						
Report No.	**0926-1417**						
Job Start:	**1417**			**Job Stop:**	**1640**		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1.1	TC
2	Calibrate					1	TC
3	Calibrate					1	TC
4	12 Hallway	Ceiling		Intact	Sheetrock	0	QM
5	12 Hallway	Ceiling	Access Door	Intact	Metal	0.4	QM
6	12 Hallway	Wall A		Intact	Sheetrock	0	QM
7	12 Hallway	Wall B		Intact	Sheetrock	-0.2	QM
8	12 Hallway	Wall C		Intact	Sheetrock	-0.1	QM
9	12 Hallway	Wall D		Intact	Sheetrock	0	QM
10	12 Hallway	Elevator	Door	Intact	Metal	-0.1	QM
11	12 Hallway	Elevator	Casing	Intact	Metal	0	QM
12	12 Hallway	Apartment	Door	Intact	Metal	0.1	QM
13	12 Hallway	Apartment	Casing	Intact	Metal	0.3	QM
14	12 Hallway	Stair	Door	Intact	Metal	0.1	QM
15	12 Hallway	Stair	Casing	Intact	Metal	0.1	QM
16	12 Refuse	Door		Intact	Metal	0	QM
17	12 Refuse	Door	Casing	Intact	Metal	0.1	QM
18	12 Refuse	Wall C		Intact	Sheetrock	-0.4	QM
19	12 Refuse	Drain Pipe		Intact	Metal	0.6	QM
20	12 E.Stair	Door		Intact	Metal	-0.2	QM
21	12 E.Stair	Door	Casing	Intact	Metal	0.3	QM
22	12 E.Stair	Ceiling		Intact	Sheetrock	-0.2	QM
23	12 E.Stair	Wall A		Intact	Sheetrock	-0.4	QM
24	12 E.Stair	Wall B		Intact	Sheetrock	0	QM
25	12 E.Stair	Wall C		Intact	Sheetrock	-0.2	QM
26	12 E.Stair	Wall D		Intact	Sheetrock	-0.1	QM
27	12 E.Stair	Floor		Intact	Concrete	0.1	QM
28	12 E.Stair	Stair	Tread	Intact	Concrete	0.1	QM
29	12 E.Stair	Stair	Riser	Intact	Metal	0.4	QM
30	12 E.Stair	Stair	Stringer	Intact	Metal	0.4	QM
31	12 E.Stair	Stair	Hand Rail	Intact	Metal	0	QM
32	12 W.Stair	Door		Intact	Metal	-0.1	QM
33	12 W.Stair	Door	Casing	Intact	Metal	0.1	QM
34	12 W.Stair	Ceiling		Intact	Sheetrock	-0.2	QM
35	12 W.Stair	Wall A		Intact	Sheetrock	0.1	QM
36	12 W.Stair	Wall B		Intact	Sheetrock	-0.4	QM
37	12 W.Stair	Wall C		Intact	Sheetrock	-0.1	QM
38	12 W.Stair	Wall D		Intact	Sheetrock	0	QM
39	12 W.Stair	Floor		Intact	Concrete	0.1	QM
40	12 W.Stair	Stair	Tread	Intact	Concrete	0	QM
41	12 W.Stair	Stair	Riser	Intact	Metal	0.1	QM
42	12 W.Stair	Stair	Stringer	Intact	Metal	0.5	QM
43	12 W.Stair	Stair	Hand Rail	Intact	Metal	0	QM
44	7 Hallway	Ceiling		Intact	Sheetrock	-0.1	QM
45	7 Hallway	Wall A		Intact	Sheetrock	0	QM
46	7 Hallway	Wall B		Intact	Sheetrock	-0.1	QM
47	7 Hallway	Wall C		Intact	Sheetrock	0	QM
48	7 Hallway	Wall D		Intact	Sheetrock	-0.1	QM
49	7 Hallway	Elevator	Door	Intact	Metal	0.4	QM
50	7 Hallway	Elevator	Casing	Intact	Metal	0	QM
51	7 Hallway	Apartment	Door	Intact	Metal	0.1	QM
52	7 Hallway	Apartment	Casing	Intact	Metal	0.1	QM

Inspection Dat	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	Common Areas		
Abatement Le	1						
Report No.	0926-1417						
Job Start:	1417			Job Stop:	1640		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
53	7 Hallway	Stair	Door	Intact	Metal	0	QM
54	7 Refuse	Stair	Casing	Intact	Metal	0.3	QM
55	7 Refuse	Door		Intact	Metal	0	QM
56	7 Refuse	Door	Casing	Intact	Metal	-0.1	QM
57	7 Refuse	Wall C		Intact	Sheetrock	0	QM
58	7 Refuse	Drain Pipe		Intact	Metal	0.5	QM
59	7 E.Stair	Door		Intact	Metal	0	QM
60	7 E.Stair	Door	Casing	Intact	Metal	0	QM
61	7 E.Stair	Ceiling		Intact	Sheetrock	0	QM
62	7 E.Stair	Wall A		Intact	Sheetrock	-0.1	QM
63	7 E.Stair	Wall B		Intact	Sheetrock	0	QM
64	7 E.Stair	Wall C		Intact	Sheetrock	0	QM
65	7 E.Stair	Wall D		Intact	Sheetrock	-0.4	QM
66	7 E.Stair	Floor		Intact	Concrete	-0.1	QM
67	7 E.Stair	Stair	Tread	Intact	Concrete	0.1	QM
68	7 E.Stair	Stair	Riser	Intact	Metal	0.2	QM
69	7 E.Stair	Stair	Stringer	Intact	Metal	0.4	QM
70	7 E.Stair	Stair	Hand Rail	Intact	Metal	0.1	QM
71	7 W.Stair	Door		Intact	Metal	0	QM
72	7 W.Stair	Door	Casing	Intact	Metal	0.1	QM
73	7 W.Stair	Ceiling		Intact	Sheetrock	0	QM
74	7 W.Stair	Wall A		Intact	Sheetrock	0.2	QM
75	7 W.Stair	Wall B		Intact	Sheetrock	-0.7	QM
76	7 W.Stair	Wall C		Intact	Sheetrock	0.1	QM
77	7 W.Stair	Wall D		Intact	Sheetrock	0	QM
78	7 W.Stair	Floor		Intact	Concrete	0	QM
79	7 W.Stair	Stair	Tread	Intact	Concrete	0.1	QM
80	7 W.Stair	Stair	Riser	Intact	Metal	0.1	QM
81	7 W.Stair	Stair	Stringer	Intact	Metal	0.3	QM
82	7 W.Stair	Stair	Hand Rail	Intact	Metal	0.1	QM
83	7 W.Stair	Stair	Pipe	Intact	Metal	0.1	QM
84	3 Hallway	Ceiling		Intact	Sheetrock	0	QM
85	3 Hallway	Wall A		Intact	Sheetrock	0.1	QM
86	3 Hallway	Wall B		Intact	Sheetrock	-0.1	QM
87	3 Hallway	Wall C		Intact	Sheetrock	-0.3	QM
88	3 Hallway	Wall D		Intact	Sheetrock	-0.1	QM
89	3 Hallway	Elevator	Door	Intact	Metal	0.5	QM
90	3 Hallway	Elevator	Casing	Intact	Metal	0.1	QM
91	3 Hallway	Apartment	Door	Intact	Metal	0	QM
92	3 Hallway	Apartment	Casing	Intact	Metal	0.2	QM
93	3 Hallway	Stair	Door	Intact	Metal	0.3	QM
94	3 Refuse	Stair	Casing	Intact	Metal	0.4	QM
95	3 Refuse	Door		Intact	Metal	0.1	QM
96	3 Refuse	Door	Casing	Intact	Metal	0	QM
97	3 Refuse	Wall C		Intact	Sheetrock	-0.1	QM
98	3 Refuse	Drain Pipe		Intact	Metal	0.5	QM
99	3 E.Stair	Door		Intact	Metal	0.2	QM
100	3 E.Stair	Door	Casing	Intact	Metal	0.2	QM
101	3 E.Stair	Ceiling		Intact	Sheetrock	0	QM
102	3 E.Stair	Wall A		Intact	Sheetrock	0	QM
103	3 E.Stair	Wall B		Intact	Sheetrock	-0.1	QM
104	3 E.Stair	Wall C		Intact	Sheetrock	-0.1	QM

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	Common Areas		
Abatement Le	1						
Report No.	0926-1417						
Job Start:	1417			Job Stop:	1640		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
105	3 E.Stair	Wall D		Intact	Sheetrock	-0.3	QM
106	3 E.Stair	Floor		Intact	Concrete	0.2	QM
107	3 E.Stair	Stair	Tread	Intact	Concrete	0.1	QM
108	3 E.Stair	Stair	Riser	Intact	Metal	0.2	QM
109	3 E.Stair	Stair	Stringer	Intact	Metal	0.4	QM
110	3 E.Stair	Stair	Hand Rail	Intact	Metal	0.2	QM
111	3 W.Stair	Door		Intact	Metal	0	QM
112	3 W.Stair	Door	Casing	Intact	Metal	0.2	QM
113	3 W.Stair	Ceiling		Intact	Sheetrock	0.2	QM
114	3 W.Stair	Wall A		Intact	Sheetrock	-0.3	QM
115	3 W.Stair	Wall B		Intact	Sheetrock	-0.2	QM
116	3 W.Stair	Wall C		Intact	Sheetrock	0.1	QM
117	3 W.Stair	Wall D		Intact	Sheetrock	0	QM
118	3 W.Stair	Floor		Intact	Concrete	0.2	QM
119	3 W.Stair	Stair	Tread	Intact	Concrete	0	QM
120	3 W.Stair	Stair	Riser	Intact	Metal	0.3	QM
121	3 W.Stair	Stair	Stringer	Intact	Metal	0.5	QM
122	3 W.Stair	Stair	Hand Rail	Intact	Metal	0.1	QM
123	3 W.Stair	Stair	Pipe	Intact	Metal	0.4	QM
124	Comm. Rm	Door		Intact	Metal	0.2	QM
125	Comm. Rm	Door	Casing	Intact	Metal	0.4	QM
126	Comm. Rm	Ceiling		Intact	Sheetrock	-0.1	QM
127	Comm. Rm	Wall A		Intact	Sheetrock	0	QM
128	Comm. Rm	Wall B		Intact	Sheetrock	0	QM
129	Comm. Rm	Wall C		Intact	Sheetrock	0	QM
130	Comm. Rm	Wall D		Intact	Sheetrock	-0.3	QM
131	Comm. Rm	Window	Sill	Intact	Wood	-0.2	QM
132	Comm. Rm	Window	Casing	Intact	Metal	-0.1	QM
133	Comm. Rm	Radiator		Intact	Metal	0.3	QM
134	Comm. Rm	Ext. Door		Intact	Metal	0.4	QM
135	Comm. Rm	Ext. Door	Casing	Intact	Metal	0	QM
136	Comm. Rm	Closet Door		Intact	Wood	-0.4	QM
137	Comm. Rm	Closet	Wall C	Intact	Sheetrock	-0.2	QM
138	Comm. Rm	Closet	Shelf	Intact	Wood	-0.4	QM
139	Comm. Rm	Closet Door	Casing	Intact	Wood	0	QM
140	Comm. Rm	Closet Door	Molding	Intact	Wood	0	QM
141	Kitchen	Door		Intact	Metal	-0.2	QM
142	Kitchen	Door	Casing	Intact	Metal	0.4	QM
143	Kitchen	Wall A		Intact	Sheetrock	-0.1	QM
144	Kitchen	Wall B		Intact	Sheetrock	0.1	QM
145	Kitchen	Wall C		Intact	Sheetrock	0.2	QM
146	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
147	Ladies Rm	Door		Intact	Metal	0	QM
148	Ladies Rm	Door	Casing	Intact	Metal	0.3	QM
149	Ladies Rm	Wall A		Intact	Sheetrock	-0.2	QM
150	Ladies Rm	Wall B		Intact	Sheetrock	-0.4	QM
151	Ladies Rm	Wall C		Intact	Tile	-0.2	QM
152	Ladies Rm	Wall D		Intact	Sheetrock	0	QM
153	Ladies Rm	Floor		Intact	Tile	0	QM
154	Ladies Rm	Stall	Door	Intact	Metal	0.1	QM
155	Ladies Rm	Stall	Side Panel	Intact	Metal	0	QM
156	Mens Rm	Door		Intact	Metal	0	QM

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	Common Areas		
Abatement Le	1						
Report No.	0926-1417						
Job Start:	1417			Job Stop:	1640		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
157	Mens Rm	Door	Casing	Intact	Metal	0.3	QM
158	Mens Rm	Wall A		Intact	Sheetrock	0.2	QM
159	Mens Rm	Wall B		Intact	Sheetrock	-0.2	QM
160	Mens Rm	Wall C		Intact	Tile	3.6	QM
161	Mens Rm	Wall D		Intact	Sheetrock	0.3	QM
162	Mens Rm	Floor		Intact	Tile	-0.1	QM
163	Mens Rm	Stall	Door	Intact	Metal	0.2	QM
164	Mens Rm	Stall	Side Panel	Intact	Metal	-0.1	QM
165	Mens Rm	Radiator		Intact	Metal	-0.1	QM
166	Laundry Rm	Door		Intact	Metal	0.2	QM
167	Laundry Rm	Door	Casing	Intact	Metal	0.3	QM
168	Laundry Rm	Wall A		Intact	Block	-0.2	QM
169	Laundry Rm	Wall B		Intact	Block	0	QM
170	Laundry Rm	Wall C		Intact	Block	-0.1	QM
171	Laundry Rm	Wall D		Intact	Block	0.2	QM
172	Laundry Rm	Floor		Intact	Concrete	0.1	QM
173	Refuse Rm	Door	Casing	Intact	Metal	0	QM
174	Refuse Rm	Wall A		Intact	Sheetrock	0.2	QM
175	Refuse Rm	Wall B		Intact	Sheetrock	-0.1	QM
176	Refuse Rm	Wall C		Intact	Tile	2.4	QM
177	Refuse Rm	Wall D		Intact	Sheetrock	0	QM
178	Refuse Rm	Floor		Intact	Tile	0.2	QM
179	Lobby	Door		Intact	Metal	-0.6	QM
180	Lobby	Door	Casing	Intact	Metal	-0.6	QM
181	Lobby	Ceiling		Intact	Ceiling Tile	0.1	QM
182	Lobby	Wall A		Intact	Sheetrock	0	QM
183	Lobby	Wall B		Intact	Sheetrock	0.1	QM
184	Lobby	Wall C		Intact	Sheetrock	-0.1	QM
185	Lobby	Wall D		Intact	Sheetrock	0	QM
186	Lobby	Wall B		Intact	Block	0	QM
187	Lobby	Wall C		Intact	Block	0.4	QM
188	Lobby	Wall D		Intact	Block	0.1	QM
189	Lobby	Office Door		Intact	Metal	0.4	QM
190	Lobby	Office Door	Casing	Intact	Metal	0.4	QM
191	Lobby	Mail Rm Door		Intact	Metal	0.1	QM
192	Lobby	Mail Rm Door	Casing	Intact	Metal	0.6	QM
193	Lobby	Elevator Door		Intact	Metal	0	QM
194	Lobby	Elevator Door	Casing	Intact	Metal	0.4	QM
195	Lobby	Boiler Rm Door		Intact	Metal	-0.3	QM
196	Lobby	Boiler Rm Door	Casing	Intact	Metal	0.3	QM
197	Lobby	Back Door		Intact	Metal	0	QM
198	Lobby	Back Door	Casing	Intact	Metal	0.3	QM
199	Lobby	Radiator		Intact	Metal	0.1	QM
200	Calibrate					0.9	TC
201	Calibrate					1	TC
202	Calibrate					1	TC

Inspection Dat	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	101		
Abatement Lev	1						
Report No.	25						
Job Start:	1242			Job Stop:	1319		
Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1.1	TC
2	Calibrate					0.9	TC
3	Calibrate					0.9	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.4	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.4	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.4	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.3	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.5	QM
9	Living Room	Closet	Door	Intact	Metal	-0.4	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.1	QM
11	Living Room	Entry Door		Intact	Metal	-0.6	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.4	QM
13	Living Room	Window	Sash	Intact	Metal	-0.9	QM
14	Living Room	AC Box		Intact	Metal	-0.9	QM
15	Living Room	Radiator		Intact	Metal	-0.3	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.6	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.4	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.3	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.2	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.6	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.4	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.4	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.1	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.5	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.7	QM
28	Bedroom	Door		Intact	Wood	-0.4	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.5	QM
30	Bedroom	AC Box		Intact	Metal	-0.7	QM
31	Bedroom	Radiator		Intact	Metal	-0.5	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.7	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.5	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.2	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.4	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.1	QM
38	Bathroom	Wall C		Intact	Tile	-0.9	QM
39	Bathroom	Floor		Intact	Tile	-0.8	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.3	QM
41	Bathroom	Door		Intact	Wood	-0.7	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.5	QM
43	Living Room	Circuit Breaker	Box	Intact	Metal	-0.4	QM
44	Calibrate					0.9	TC
45	Calibrate					0.9	TC
46	Calibrate					1	TC

Inspection Da	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	102		
Abatement Le	1						
Report No.	0926-1304						
Job Start:	1304			Job Stop:	1328		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1.1	TC
2	Calibrate					1	TC
3	Calibrate					0.9	TC
4	Living Room	Ceiling		Intact	Sheetrock	0.1	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.1	QM
6	Living Room	Wall B		Intact	Sheetrock	0	QM
7	Living Room	Wall C		Intact	Sheetrock	0	QM
8	Living Room	Wall D		Intact	Sheetrock	0	QM
9	Living Room	Closet	Door	Intact	Metal	0	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0	QM
11	Living Room	Entry Door		Intact	Metal	-0.2	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0.2	QM
13	Living Room	Window	Sash	Intact	Metal	-0.3	QM
14	Living Room	AC Box		Intact	Metal	-0.2	QM
15	Living Room	Radiator		Intact	Metal	0	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.1	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.1	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.1	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	0	QM
21	Kitchen	Vent Cover		Intact	Metal	0.1	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.1	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.2	QM
24	Bedroom	Wall B		Intact	Sheetrock	0.1	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.4	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	0	QM
28	Bedroom	Door		Intact	Wood	-0.1	QM
29	Bedroom	Door	Casing	Intact	Metal	0	QM
30	Bedroom	AC Box		Intact	Metal	0.3	QM
31	Bedroom	Radiator		Intact	Metal	0.1	QM
32	Bedroom	Window	Sash	Intact	Metal	0	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.1	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.1	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.2	QM
36	Bathroom	Wall C		Intact	Sheetrock	0	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.1	QM
38	Bathroom	Wall C		Intact	Tile	-0.2	QM
39	Bathroom	Floor		Intact	Tile	0	QM
40	Bathroom	Vent Cover		Intact	Metal	-0.1	QM
41	Bathroom	Door		Intact	Wood	-0.3	QM
42	Bathroom	Door	Casing	Intact	Metal	0.2	QM
43	Bathroom	Medicine Cab.		Intact	Metal	0.1	QM
44	Bathroom	Radiator		Intact	Metal	0	QM
45	Living Room	Electric Box		Intact	Metal	0.1	QM
46	Calibrate					0.9	TC
47	Calibrate					0.9	TC
48	Calibrate					1	TC

Inspection Dat	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	105 / Common Area		
Abatement Lev	1						
Report No.	0926-1230						
Job Start:	1230			Job Stop:	1304		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					1	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	0.1	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.1	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.1	QM
7	Living Room	Wall C		Intact	Sheetrock	0	QM
8	Living Room	Wall D		Intact	Sheetrock	0.1	QM
9	Living Room	Closet	Door	Intact	Metal	0	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.3	QM
11	Living Room	Entry Door		Intact	Metal	-0.5	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.2	QM
13	Living Room	Window	Sash	Intact	Metal	-0.5	QM
14	Living Room	AC Box		Intact	Metal	-0.4	QM
15	Living Room	Radiator		Intact	Metal	-0.2	QM
16	Kitchen	Ceiling		Intact	Sheetrock	0.1	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.5	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.1	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	0	QM
21	Kitchen	Vent Cover		Intact	Metal	0.3	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.3	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.2	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.3	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.4	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Door		Intact	Wood	-0.2	QM
28	Bedroom	Door	Casing	Intact	Metal	0.1	QM
29	Bedroom	AC Box		Intact	Metal	-0.3	QM
30	Bedroom	Radiator		Intact	Metal	-0.1	QM
31	Bedroom	Window	Sash	Intact	Metal	-0.2	QM
32	Bathroom	Ceiling		Intact	Sheetrock	0	QM
33	Bathroom	Wall A		Intact	Sheetrock	0.1	QM
34	Bathroom	Wall B		Intact	Sheetrock	0	QM
35	Bathroom	Wall C		Intact	Sheetrock	-0.1	QM
36	Bathroom	Wall D		Intact	Sheetrock	-0.1	QM
37	Bathroom	Wall C		Intact	Tile	-0.3	QM
38	Bathroom	Floor		Intact	Tile	-0.1	QM
39	Bathroom	Door		Intact	Wood	-0.2	QM
40	Bathroom	Door	Casing	Intact	Metal	-0.1	QM
41	Bathroom	Medicine Cab.		Intact	Metal	0	QM
42	Living Room	Electric Box		Intact	Metal	-0.1	QM
43	Bedroom 2	Ceiling		Intact	Sheetrock	-0.1	QM
44	Bedroom 2	Wall A		Intact	Sheetrock	-0.2	QM
45	Bedroom 2	Wall B		Intact	Sheetrock	-0.1	QM
46	Bedroom 2	Wall C		Intact	Sheetrock	-0.1	QM
47	Bedroom 2	Wall D		Intact	Sheetrock	-0.4	QM
48	Bedroom 2	Closet	Door	Intact	Metal	-0.2	QM
49	Bedroom 2	Door		Intact	Wood	-0.2	QM
50	Bedroom 2	Door	Casing	Intact	Metal	-0.1	QM
51	Bedroom 2	Radiator		Intact	Metal	0.3	QM
52	Bedroom 2	Window	Sash	Intact	Metal	-0.3	QM

Inspection Dat	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	105 / Common Area		
Abatement Lev	1						
Report No.	0926-1230						
Job Start:	1230			Job Stop:	1304		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
53	Bedroom 2	AC Box		Intact	Metal	-0.2	QM
54	Calibrate					1	TC
55	Calibrate					1.1	TC
56	Calibrate					1.1	TC

Inspection Dat	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	201		
Abatement Lev	1						
Report No.	23						
Job Start:	1140			Job Stop:	1212		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.9	TC
2	Calibrate					0.8	TC
3	Calibrate					0.8	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.4	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.5	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.3	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.3	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.3	QM
9	Living Room	Closet	Door	Intact	Metal	-0.5	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0	QM
11	Living Room	Entry Door		Intact	Metal	-0.5	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.2	QM
13	Living Room	Window	Sash	Intact	Metal	-0.4	QM
14	Living Room	AC Box		Intact	Metal	-0.7	QM
15	Living Room	Radiator		Intact	Metal	-0.2	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.3	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.5	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.2	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.3	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.3	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.3	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.2	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.4	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.4	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.2	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.2	QM
28	Bedroom	Door		Intact	Wood	-0.6	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.6	QM
30	Bedroom	AC Box		Intact	Metal	-0.4	QM
31	Bedroom	Radiator		Intact	Metal	-0.3	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.3	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.4	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.4	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.2	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.3	QM
38	Bathroom	Wall C		Intact	Tile	-0.6	QM
39	Bathroom	Floor		Intact	Tile	-0.5	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.5	QM
41	Bathroom	Door		Intact	Wood	-0.3	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.5	QM
43	Living Room	Circuit Breaker	Box	Intact	Metal	-0.3	QM
44	Calibrate					1.1	TC
45	Calibrate					1	TC
46	Calibrate					1.1	TC

Inspection Dat	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	206		
Abatement Lev	1						
Report No.	0926-1204						
Job Start:	1204			Job Stop:	1230		
Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.7	TC
2	Calibrate					1.1	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	0.1	QM
5	Living Room	Wall A		Intact	Sheetrock	0	QM
6	Living Room	Wall B		Intact	Sheetrock	0.1	QM
7	Living Room	Wall C		Intact	Sheetrock	0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	0	QM
9	Living Room	Closet	Door	Intact	Metal	-0.2	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.1	QM
11	Living Room	Entry Door		Intact	Metal	-0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0.1	QM
13	Living Room	Window	Sash	Intact	Metal	-0.1	QM
14	Living Room	AC Box		Intact	Metal	-0.6	QM
15	Living Room	Radiator		Intact	Metal	0.3	QM
16	Kitchen	Ceiling		Intact	Sheetrock	0	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.4	QM
18	Kitchen	Wall B		Intact	Sheetrock	0.1	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.3	QM
20	Kitchen	Wall D		Intact	Sheetrock	0.1	QM
21	Kitchen	Vent Cover		Intact	Metal	0.4	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.3	QM
23	Bedroom	Wall A		Intact	Sheetrock	0	QM
24	Bedroom	Wall B		Intact	Sheetrock	0	QM
25	Bedroom	Wall C		Intact	Sheetrock	0.1	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.1	QM
28	Bedroom	Door		Intact	Wood	-0.3	QM
29	Bedroom	Door	Casing	Intact	Metal	0.1	QM
30	Bedroom	AC Box		Intact	Metal	0	QM
31	Bedroom	Radiator		Intact	Metal	0.2	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.3	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.1	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
36	Bathroom	Wall C		Intact	Sheetrock	0	QM
37	Bathroom	Wall D		Intact	Sheetrock	0	QM
38	Bathroom	Wall C		Intact	Tile	-0.4	QM
39	Bathroom	Floor		Intact	Tile	-0.4	QM
40	Bathroom	Vent Cover		Intact	Metal	0.4	QM
41	Bathroom	Door		Intact	Wood	0	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.2	QM
43	Bathroom	Medicine Cab.		Intact	Metal	-0.2	QM
44	Living Room	Electric Box		Intact	Metal	-0.2	QM
45	Calibrate					0.9	TC
46	Calibrate					1	TC
47	Calibrate					0.9	TC

Inspection Da	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	208		
Abatement Le	1						
Report No.	24						
Job Start:	1213			Job Stop:	1241		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					1	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.3	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.4	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.3	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.4	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.2	QM
9	Living Room	Closet	Door	Intact	Metal	-0.4	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.4	QM
11	Living Room	Entry Door		Intact	Metal	-0.3	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.4	QM
13	Living Room	Window	Sash	Intact	Metal	-0.8	QM
14	Living Room	AC Box		Intact	Metal	-0.4	QM
15	Living Room	Radiator		Intact	Metal	-0.2	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.2	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.4	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.2	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.3	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.2	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.1	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.5	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.3	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.3	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.7	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.3	QM
28	Bedroom	Door		Intact	Wood	-0.7	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.3	QM
30	Bedroom	AC Box		Intact	Metal	-0.4	QM
31	Bedroom	Radiator		Intact	Metal	-0.4	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.6	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.3	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.4	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.1	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.2	QM
38	Bathroom	Wall C		Intact	Tile	-0.3	QM
39	Bathroom	Floor		Intact	Tile	-0.5	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.4	QM
41	Bathroom	Door		Intact	Wood	-0.3	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.6	QM
43	Bathroom	Radiator		Intact	Metal	-0.5	QM
44	Living Room	Circuit Breaker	Box	Intact	Metal	-0.5	QM
45	Calibrate					1	TC
46	Calibrate					1.1	TC
47	Calibrate					1.1	TC

Inspection Da	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	302		
Abatement Le	1						
Report No.	0926-1124						
Job Start:	1124			Job Stop:	1204		
Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					1	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.1	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.1	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.4	QM
7	Living Room	Wall C		Intact	Sheetrock	0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.3	QM
9	Living Room	Closet	Door	Intact	Metal	-0.1	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0	QM
11	Living Room	Entry Door		Intact	Metal	0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.1	QM
13	Living Room	Window	Sash	Intact	Metal	-0.2	QM
14	Living Room	AC Box		Intact	Metal	-0.2	QM
15	Living Room	Radiator		Intact	Metal	-0.4	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.3	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.1	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.3	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	0	QM
21	Kitchen	Vent Cover		Intact	Metal	0.2	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.2	QM
23	Bedroom	Wall A		Intact	Sheetrock	0	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.2	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.1	QM
28	Bedroom	Door		Intact	Wood	-0.1	QM
29	Bedroom	Door	Casing	Intact	Metal	0.1	QM
30	Bedroom	AC Box		Intact	Metal	0	QM
31	Bedroom	Radiator		Intact	Metal	-0.2	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.1	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	0	QM
35	Bathroom	Wall B		Intact	Sheetrock	0	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.1	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.2	QM
38	Bathroom	Wall C		Intact	Tile	1.9	QM
39	Bathroom	Floor		Intact	Tile	-0.1	QM
40	Bathroom	Vent Cover		Intact	Metal	0	QM
41	Bathroom	Door		Intact	Wood	-0.3	QM
42	Bathroom	Door	Casing	Intact	Metal	0	QM
43	Bathroom	Medicine Cab.		Intact	Metal	0.3	QM
44	Living Room	Electric Box		Intact	Metal	-0.1	QM
45	Calibrate					1	TC
46	Calibrate					1	TC
47	Calibrate					0.9	TC

Inspection Dat	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	305		
Abatement Lev	1						
Report No.	0925-1229						
Job Start:	1229			Job Stop:	1308		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1.1	TC
2	Calibrate					1	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	0	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.2	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.2	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.3	QM
8	Living Room	Wall D		Intact	Sheetrock	0	QM
9	Living Room	Closet	Door	Intact	Metal	-0.1	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0	QM
11	Living Room	Entry Door		Intact	Metal	-0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0	QM
13	Living Room	Window	Sash	Intact	Metal	-0.2	QM
14	Living Room	AC Box		Intact	Metal	0.2	QM
15	Living Room	Radiator		Intact	Metal	-0.4	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.2	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.4	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.1	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	0.1	QM
21	Kitchen	Vent Cover		Intact	Metal	0.1	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.1	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.1	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.1	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	0.2	QM
28	Bedroom	Door		Intact	Wood	-0.2	QM
29	Bedroom	Door	Casing	Intact	Metal	0.1	QM
30	Bedroom	AC Box		Intact	Metal	0.3	QM
31	Bedroom	Radiator		Intact	Metal	-0.1	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.7	QM
33	Bathroom	Ceiling		Fair	Sheetrock	0.1	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.1	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.1	QM
36	Bathroom	Wall C		Intact	Sheetrock	0.1	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.1	QM
38	Bathroom	Wall C		Intact	Tile	1.8	QM
39	Bathroom	Floor		Intact	Tile	0.2	QM
40	Bathroom	Vent Cover		Intact	Metal	0.2	QM
41	Bathroom	Door		Intact	Wood	-0.1	QM
42	Bathroom	Door	Casing	Intact	Metal	0	QM
43	Bathroom	Medicine Cab.		Intact	Metal	-0.1	QM
44	Living Room	Electric Box		Intact	Metal	0.2	QM
45	Calibrate					1.1	TC
46	Calibrate					1.1	TC
47	Calibrate					1.1	TC

Inspection Da	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	402		
Abatement Le	1						
Report No.	0926-1055						
Job Start:	1055			Job Stop:	1124		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					1	TC
3	Calibrate					0.9	TC
4	Living Room	Ceiling		Intact	Sheetrock	0.1	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.1	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.1	QM
7	Living Room	Wall C		Intact	Sheetrock	0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	0.1	QM
9	Living Room	Closet	Door	Intact	Metal	-0.1	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0	QM
11	Living Room	Entry Door		Intact	Metal	0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0.1	QM
13	Living Room	Window	Sash	Intact	Metal	-0.2	QM
14	Living Room	AC Box		Intact	Metal	0.2	QM
15	Living Room	Radiator		Intact	Metal	-0.1	QM
16	Kitchen	Ceiling		Intact	Sheetrock	0	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.3	QM
18	Kitchen	Wall B		Intact	Sheetrock	0.1	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
21	Kitchen	Vent Cover		Intact	Metal	0.2	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.1	QM
23	Bedroom	Wall A		Intact	Sheetrock	0	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.1	QM
25	Bedroom	Wall C		Intact	Sheetrock	0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.1	QM
28	Bedroom	Door		Intact	Wood	-0.3	QM
29	Bedroom	Door	Casing	Intact	Metal	0	QM
30	Bedroom	Radiator		Intact	Metal	-0.1	QM
31	Bedroom	Window	Sash	Intact	Metal	-0.3	QM
32	Bathroom	Ceiling		Intact	Sheetrock	-0.1	QM
33	Bathroom	Wall A		Intact	Sheetrock	0	QM
34	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
35	Bathroom	Wall C		Intact	Sheetrock	-0.2	QM
36	Bathroom	Wall D		Intact	Sheetrock	-0.3	QM
37	Bathroom	Wall C		Intact	Tile	0.4	QM
38	Bathroom	Vent Cover		Intact	Metal	0.3	QM
39	Bathroom	Door		Intact	Wood	-0.3	QM
40	Bathroom	Door	Casing	Intact	Metal	0	QM
41	Bathroom	Medicine Cab.		Intact	Metal	0	QM
42	Living Room	Electric Box		Intact	Metal	-0.2	QM
43	Calibrate					1	TC
44	Calibrate					0.9	TC
45	Calibrate					1	TC

Inspection Da	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	407		
Abatement Le	1						
Report No.	22						
Job Start:	1114			Job Stop:	1139		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					0.9	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.5	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.2	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.2	QM
9	Living Room	Closet	Door	Intact	Metal	-0.6	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.4	QM
11	Living Room	Entry Door		Intact	Metal	-0.6	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.4	QM
13	Living Room	Window	Sash	Intact	Metal	-0.4	QM
14	Living Room	AC Box		Intact	Metal	-0.8	QM
15	Living Room	Radiator		Intact	Metal	-0.2	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.4	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.3	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.3	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.2	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.2	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.4	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.2	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.3	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.5	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.3	QM
28	Bedroom	Door		Intact	Wood	-0.7	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.5	QM
30	Bedroom	AC Box		Intact	Metal	-0.3	QM
31	Bedroom	Radiator		Intact	Metal	-0.6	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.3	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.3	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.4	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.4	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.5	QM
38	Bathroom	Wall C		Intact	Tile	-0.8	QM
39	Bathroom	Floor		Intact	Tile	-0.5	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.4	QM
41	Bathroom	Door		Intact	Wood	-0.6	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.4	QM
43	Bathroom	Radiator		Intact	Metal	-0.5	QM
44	Living Room	Circuit Breaker	Box	Intact	Metal	-0.5	QM
45	Calibrate					0.9	TC
46	Calibrate					0.8	TC
47	Calibrate					0.9	TC

Inspection Dat	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	506		
Abatement Lev	1						
Report No.	21						
Job Start:	1048			Job Stop:	1113		
Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.9	TC
2	Calibrate					0.9	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.3	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.7	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.3	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.2	QM
9	Living Room	Closet	Door	Intact	Metal	-0.5	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.3	QM
11	Living Room	Entry Door		Intact	Metal	-0.7	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.5	QM
13	Living Room	Window	Sash	Intact	Metal	-0.5	QM
14	Living Room	AC Box		Intact	Metal	-0.8	QM
15	Living Room	Radiator		Intact	Metal	-0.4	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.2	QM
17	Kitchen	Wall A		Intact	Sheetrock	0	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.3	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.4	QM
20	Kitchen	Wall D		Intact	Sheetrock	0	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.3	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.2	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.5	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.3	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.4	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.7	QM
28	Bedroom	Door		Intact	Wood	-0.5	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.5	QM
30	Bedroom	AC Box		Intact	Metal	-0.6	QM
31	Bedroom	Radiator		Intact	Metal	-0.6	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.5	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.6	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.3	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.3	QM
38	Bathroom	Wall C		Intact	Tile	-0.8	QM
39	Bathroom	Floor		Intact	Tile	-0.7	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.4	QM
41	Bathroom	Door		Intact	Wood	-0.4	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.4	QM
43	Living Room	Circuit Breaker	Box	Intact	Metal	-0.6	QM
44	Calibrate					0.9	TC
45	Calibrate					1	TC
46	Calibrate					1	TC

Inspection Dat	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	510		
Abatement Lev	1						
Report No.	0925-0940						
Job Start:	940			Job Stop:	1040		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.8	TC
2	Calibrate					0.8	TC
3	Calibrate					0.8	TC
4	Living Room	Ceiling		Intact	Sheetrock	0	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.2	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.4	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	0	QM
9	Living Room	Closet	Door	Intact	Metal	-0.2	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.4	QM
11	Living Room	Entry Door		Intact	Metal	-0.2	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.3	QM
13	Living Room	Window	Sash	Intact	Metal	-0.8	QM
14	Living Room	AC Box		Intact	Metal	-0.2	QM
15	Living Room	Radiator		Intact	Metal	-0.1	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.7	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.2	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.2	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.5	QM
20	Kitchen	Wall D		Intact	Sheetrock	0	QM
21	Bedroom	Ceiling		Intact	Sheetrock	-0.3	QM
22	Bedroom	Wall A		Intact	Sheetrock	-0.2	QM
23	Bedroom	Wall B		Intact	Sheetrock	-0.2	QM
24	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
25	Bedroom	Wall D		Intact	Sheetrock	-0.4	QM
26	Bedroom	Closet	Door	Intact	Metal	-0.3	QM
27	Bedroom	Door		Intact	Wood	-0.3	QM
28	Bedroom	Door	Casing	Intact	Metal	-0.2	QM
29	Bedroom	AC Box		Intact	Metal	-0.2	QM
30	Bedroom	Radiator		Intact	Metal	0.1	QM
31	Bedroom	Window	Sash	Intact	Metal	-0.5	QM
32	Bathroom	Ceiling		Intact	Sheetrock	-0.3	QM
33	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
35	Bathroom	Wall C		Intact	Sheetrock	0	QM
36	Bathroom	Wall D		Intact	Sheetrock	-0.1	QM
37	Bathroom	Wall C		Intact	Tile	-0.7	QM
38	Bathroom	Floor		Intact	Tile	-0.2	QM
39	Bathroom	Door		Intact	Wood	-0.4	QM
40	Bathroom	Door	Casing	Intact	Metal	-0.1	QM
41	Bathroom	Medicine Cab.		Intact	Metal	-0.5	QM
42	Calibrate					0.6	TC
43	Calibrate					0.6	TC
44	Calibrate					1	TC

Inspection Dat	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	603		
Abatement Lev	1						
Report No.	20						
Job Start:	1015			Job Stop:	1047		
Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					1	TC
3	Calibrate					1.1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.5	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.3	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.4	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.6	QM
9	Living Room	Closet	Door	Intact	Metal	-0.3	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.3	QM
11	Living Room	Entry Door		Intact	Metal	-0.5	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.4	QM
13	Living Room	Window	Sash	Intact	Metal	-0.5	QM
14	Living Room	AC Box		Intact	Metal	-0.8	QM
15	Living Room	Radiator		Intact	Metal	-0.3	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.5	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.8	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.3	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.3	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.2	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.4	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.3	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.6	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.3	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.2	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.3	QM
28	Bedroom	Door		Intact	Wood	-0.5	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.5	QM
30	Bedroom	AC Box		Intact	Metal	-0.3	QM
31	Bedroom	Radiator		Intact	Metal	-0.5	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.5	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.4	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.4	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.4	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.2	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.2	QM
38	Bathroom	Wall C		Intact	Tile	-0.4	QM
39	Bathroom	Floor		Intact	Tile	0	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.5	QM
41	Bathroom	Door		Intact	Wood	-0.4	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.4	QM
43	Bathroom	Radiator		Intact	Metal	-0.6	QM
44	Living Room	Circuit Breaker	Box	Intact	Metal	-0.4	QM
45	Calibrate					1.2	TC
46	Calibrate					0.9	TC
47	Calibrate					0.9	TC

Inspection Da	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	607		
Abatement Le	1						
Report No.	0926-1027						
Job Start:	1027			Job Stop:	1053		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1.1	TC
2	Calibrate					0.9	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	0	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.1	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.2	QM
7	Living Room	Wall C		Intact	Sheetrock	0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.1	QM
9	Living Room	Closet	Door	Intact	Metal	0	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.2	QM
11	Living Room	Entry Door		Intact	Metal	-0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0.1	QM
13	Living Room	Window	Sash	Intact	Metal	-0.7	QM
14	Living Room	AC Box		Intact	Metal	0.1	QM
15	Living Room	Radiator		Intact	Metal	-0.1	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.2	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.2	QM
18	Kitchen	Wall B		Intact	Sheetrock	0	QM
19	Kitchen	Wall C		Intact	Sheetrock	0	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.1	QM
21	Kitchen	Vent Cover		Intact	Metal	0.3	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.1	QM
23	Bedroom	Wall A		Intact	Sheetrock	0	QM
24	Bedroom	Wall B		Intact	Sheetrock	0.1	QM
25	Bedroom	Wall C		Intact	Sheetrock	0.1	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	0.1	QM
28	Bedroom	Door		Intact	Wood	-0.5	QM
29	Bedroom	Door	Casing	Intact	Metal	0	QM
30	Bedroom	AC Box		Intact	Metal	-0.1	QM
31	Bedroom	Radiator		Intact	Metal	-0.1	QM
32	Bedroom	Window	Sash	Intact	Metal	0	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.1	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
35	Bathroom	Wall B		Intact	Sheetrock	0	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.1	QM
37	Bathroom	Wall D		Intact	Sheetrock	0	QM
38	Bathroom	Wall C		Intact	Tile	-0.6	QM
39	Bathroom	Floor		Intact	Tile	0.2	QM
40	Bathroom	Vent Cover		Intact	Metal	0.2	QM
41	Bathroom	Door		Intact	Wood	-0.2	QM
42	Bathroom	Door	Casing	Intact	Metal	0	QM
43	Bathroom	Medicine Cab.		Intact	Metal	0.1	QM
44	Living Room	Electric Box		Intact	Metal	0.1	QM
45	Calibrate					1.1	TC
46	Calibrate					1.1	TC
47	Calibrate					1.1	TC

Inspection D:	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	702		
Abatement L	1						
Report No.	0926-0955						
Job Start:	955			Job Stop:	1026		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.9	TC
2	Calibrate					0.9	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	0.2	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	0	QM
7	Living Room	Wall C		Intact	Sheetrock	0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	0	QM
9	Living Room	Closet	Door	Intact	Metal	-0.2	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.2	QM
11	Living Room	Entry Door		Intact	Metal	-0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0.2	QM
13	Living Room	Window	Sash	Intact	Metal	-0.3	QM
14	Living Room	AC Box		Intact	Metal	-0.5	QM
15	Living Room	Radiator		Intact	Metal	0.2	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.5	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.3	QM
18	Kitchen	Wall B		Intact	Sheetrock	0	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.2	QM
20	Kitchen	Wall D		Intact	Sheetrock	0.1	QM
21	Kitchen	Vent Cover		Intact	Metal	0.2	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.1	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.1	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.1	QM
25	Bedroom	Wall C		Intact	Sheetrock	0	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	0	QM
28	Bedroom	Door		Intact	Wood	-0.4	QM
29	Bedroom	Door	Casing	Intact	Metal	0	QM
30	Bedroom	AC Box		Intact	Metal	-0.1	QM
31	Bedroom	Radiator		Intact	Metal	0.2	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.3	QM
33	Bathroom	Ceiling		Intact	Sheetrock	0.1	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.1	QM
36	Bathroom	Wall C		Intact	Sheetrock	0.1	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.3	QM
38	Bathroom	Wall C		Intact	Tile	1.8	QM
39	Bathroom	Floor		Intact	Tile	-0.1	QM
40	Bathroom	Vent Cover		Intact	Metal	0.2	QM
41	Bathroom	Door		Intact	Wood	-0.2	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.1	QM
43	Bathroom	Medicine Cab.		Intact	Metal	0.1	QM
44	Living Room	Electric Box		Intact	Metal	-0.2	QM
45	Calibrate					1.1	TC
46	Calibrate					1	TC
47	Calibrate					0.9	TC

Inspection Dat	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	705		
Abatement Lev	1						
Report No.	19						
Job Start:	947			Job Stop:	1014		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.9	TC
2	Calibrate					0.9	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.5	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.3	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.4	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.2	QM
9	Living Room	Closet	Door	Intact	Metal	-0.3	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.6	QM
11	Living Room	Entry Door		Intact	Metal	-0.4	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.6	QM
13	Living Room	Window	Sash	Intact	Metal	-0.3	QM
14	Living Room	AC Box		Intact	Metal	-0.7	QM
15	Living Room	Radiator		Intact	Metal	-0.4	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.5	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.3	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.4	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.3	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.4	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.1	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.7	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.4	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.1	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.2	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.1	QM
28	Bedroom	Door		Intact	Wood	-0.5	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.3	QM
30	Bedroom	AC Box		Intact	Metal	-0.3	QM
31	Bedroom	Radiator		Intact	Metal	-0.4	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.6	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.5	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.6	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.2	QM
38	Bathroom	Wall C		Intact	Tile	-0.5	QM
39	Bathroom	Floor		Intact	Tile	-0.5	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.3	QM
41	Bathroom	Door		Intact	Wood	-0.4	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.4	QM
43	Living Room	Circuit Breaker	Box	Intact	Metal	-0.4	QM
44	Calibrate					1	TC
45	Calibrate					0.9	TC
46	Calibrate					0.9	TC

Inspection Da	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	808		
Abatement Le	1						
Report No.	0926-0919						
Job Start:	919			Job Stop:	955		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.9	TC
2	Calibrate					0.8	TC
3	Calibrate					0.8	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.1	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.2	QM
6	Living Room	Wall B		Intact	Sheetrock	0.1	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.3	QM
8	Living Room	Wall D		Intact	Sheetrock	0.1	QM
9	Living Room	Closet	Door	Intact	Metal	-0.4	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0.1	QM
11	Living Room	Entry Door		Intact	Metal	-0.4	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.5	QM
13	Living Room	Window	Sash	Intact	Metal	-0.6	QM
14	Living Room	AC Box		Intact	Metal	-0.5	QM
15	Living Room	Radiator		Intact	Metal	-0.1	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.2	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.2	QM
18	Kitchen	Wall B		Intact	Sheetrock	0	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.1	QM
21	Kitchen	Vent Cover		Intact	Metal	0	QM
22	Bedroom	Ceiling		Intact	Sheetrock	0	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.1	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.4	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.4	QM
26	Bedroom	Wall D		Intact	Sheetrock	0.1	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.4	QM
28	Bedroom	Door		Intact	Wood	-0.1	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.1	QM
30	Bedroom	AC Box		Intact	Metal	0.2	QM
31	Bedroom	Radiator		Intact	Metal	-0.1	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.3	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.3	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.1	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.1	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.1	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.2	QM
38	Bathroom	Wall C		Intact	Tile	1.6	QM
39	Bathroom	Floor		Intact	Tile	-0.3	QM
40	Bathroom	Vent Cover		Intact	Metal	0	QM
41	Bathroom	Door		Intact	Wood	-0.1	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.1	QM
43	Bathroom	Medicine Cab.		Intact	Metal	0.1	QM
44	Living Room	Electric Box		Intact	Metal	-0.2	QM
45	Calibrate					0.9	TC
46	Calibrate					0.9	TC
47	Calibrate					0.9	TC

Inspection Da	9/26/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	810		
Abatement Le	1						
Report No.	18						
Job Start:	912			Job Stop:	946		
Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.8	TC
2	Calibrate					0.8	TC
3	Calibrate					0.8	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.2	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.4	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.3	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.5	QM
9	Living Room	Closet	Door	Intact	Metal	-0.6	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.3	QM
11	Living Room	Entry Door		Intact	Metal	-0.3	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.3	QM
13	Living Room	Window	Sash	Intact	Metal	0	QM
14	Living Room	AC Box		Intact	Metal	-0.6	QM
15	Living Room	Radiator		Intact	Metal	-0.1	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.4	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.1	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.2	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.5	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.3	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.7	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.3	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.4	QM
25	Bedroom	Wall C		Intact	Sheetrock	0.1	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.2	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.3	QM
28	Bedroom	Door		Intact	Wood	-0.2	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.3	QM
30	Bedroom	AC Box		Intact	Metal	-0.9	QM
31	Bedroom	Radiator		Intact	Metal	-0.3	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.3	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.5	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.2	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.3	QM
38	Bathroom	Wall C		Intact	Tile	-0.6	QM
39	Bathroom	Floor		Intact	Tile	-0.3	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.5	QM
41	Bathroom	Door		Intact	Wood	-0.4	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.4	QM
43	Living Room	Circuit Breaker	Box	Intact	Metal	-0.3	QM
44	Calibrate					0.7	TC
45	Calibrate					0.9	TC
46	Calibrate					1	TC

Inspection Dat	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	906		
Abatement Lev	1						
Report No.	17						
Job Start:	1224			Job Stop:	1300		
Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.8	TC
2	Calibrate					0.9	TC
3	Calibrate					0.9	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.7	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.2	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.4	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.4	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.2	QM
9	Living Room	Closet	Door	Intact	Metal	-0.3	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.6	QM
11	Living Room	Entry Door		Intact	Metal	-0.4	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.4	QM
13	Living Room	Window	Sash	Intact	Metal	-0.6	QM
14	Living Room	AC Box		Intact	Metal	-0.6	QM
15	Living Room	Radiator		Intact	Metal	-0.8	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-1	QM
17	Kitchen	Wall A		Intact	Sheetrock	0	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.4	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.3	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.1	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.2	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.2	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.3	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.3	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.3	QM
28	Bedroom	Door		Intact	Wood	-0.6	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.4	QM
30	Bedroom	AC Box		Intact	Metal	-0.1	QM
31	Bedroom	Radiator		Intact	Metal	-0.5	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.6	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.5	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
36	Bathroom	Wall C		Intact	Sheetrock	0	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.4	QM
38	Bathroom	Wall C		Intact	Tile	-0.4	QM
39	Bathroom	Floor		Intact	Tile	-0.3	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.3	QM
41	Bathroom	Door		Intact	Wood	-0.4	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.3	QM
43	Bathroom	Hatch		Intact	Metal	-0.3	QM
44	Living Room	Circuit Breaker	Box	Intact	Metal	-0.5	QM
45	Calibrate					1	TC
46	Calibrate					1	TC
47	Calibrate					1	TC

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	907		
Abatement Le	1						
Report No.	16						
Job Start:	1155			Job Stop:	1223		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.9	TC
2	Calibrate					0.8	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.3	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.1	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.8	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.2	QM
9	Living Room	Closet	Door	Intact	Metal	-0.3	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.3	QM
11	Living Room	Entry Door		Intact	Metal	-0.2	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.5	QM
13	Living Room	Window	Sash	Intact	Metal	-0.3	QM
14	Living Room	AC Box		Intact	Metal	-0.3	QM
15	Living Room	Radiator		Intact	Metal	-0.3	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.4	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.5	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.2	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.3	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.1	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.3	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.6	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.7	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.8	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.4	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.4	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.2	QM
28	Bedroom	Door		Intact	Wood	-0.4	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.4	QM
30	Bedroom	AC Box		Intact	Metal	-0.5	QM
31	Bedroom	Radiator		Intact	Metal	-0.3	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.1	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.5	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.6	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.3	QM
38	Bathroom	Wall C		Intact	Tile	1	QM
39	Bathroom	Floor		Intact	Tile	-0.5	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.4	QM
41	Bathroom	Door		Intact	Wood	-0.4	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.4	QM
43	Living Room	Circuit Breaker	Box	Intact	Metal	-0.3	QM
44	Bathroom	Radiator		Intact	Metal	-0.4	QM
45	Calibrate					0.9	TC
46	Calibrate					1	TC
47	Calibrate					1.1	TC

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	910		
Abatement Le	1						
Report No.	0925-1138						
Job Start:	1138			Job Stop:	1227		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1.2	TC
2	Calibrate					1.1	TC
3	Calibrate					1.1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.1	QM
5	Living Room	Wall A		Intact	Sheetrock	0	QM
6	Living Room	Wall B		Intact	Sheetrock	0	QM
7	Living Room	Wall C		Intact	Sheetrock	0.2	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.2	QM
9	Living Room	Closet	Door	Intact	Metal	0	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0.1	QM
11	Living Room	Entry Door		Intact	Metal	-0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0	QM
13	Living Room	Window	Sash	Intact	Metal	-0.4	QM
14	Living Room	AC Box		Intact	Metal	-0.2	QM
15	Living Room	Radiator		Intact	Metal	0.2	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.1	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.3	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.5	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.3	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
21	Kitchen	Vent Cover		Intact	Metal	0.2	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.2	QM
23	Bedroom	Wall A		Intact	Sheetrock	0.1	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.1	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.1	QM
26	Bedroom	Wall D		Intact	Sheetrock	0.1	QM
27	Bedroom	Closet	Door	Intact	Metal	0.1	QM
28	Bedroom	Door		Intact	Wood	-0.1	QM
29	Bedroom	Door	Casing	Intact	Metal	0.2	QM
30	Bedroom	AC Box		Intact	Metal	-0.1	QM
31	Bedroom	Radiator		Intact	Metal	0.2	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.5	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.4	QM
34	Bathroom	Wall A		Intact	Sheetrock	0.1	QM
35	Bathroom	Wall B		Intact	Sheetrock	0	QM
36	Bathroom	Wall C		Intact	Sheetrock	0.1	QM
37	Bathroom	Wall D		Intact	Sheetrock	0.1	QM
38	Bathroom	Wall C		Intact	Tile	-0.1	QM
39	Bathroom	Floor		Intact	Tile	-0.2	QM
40	Bathroom	Vent Cover		Intact	Metal	0.3	QM
41	Bathroom	Door		Intact	Wood	0	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.2	QM
43	Bathroom	Medicine Cab.		Intact	Metal	0	QM
44	Living Room	Electric Box		Intact	Metal	0	QM
45	Calibrate					1.1	TC
46	Calibrate					1	TC
47	Calibrate					1	TC

Inspection Dat	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	1003		
Abatement Lev	1						
Report No.	15						
Job Start:	1128			Job Stop:	1154		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					0.9	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.2	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.4	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.8	QM
9	Living Room	Closet	Door	Intact	Metal	-0.3	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.1	QM
11	Living Room	Entry Door		Intact	Metal	-0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.2	QM
13	Living Room	Window	Sash	Intact	Metal	-0.3	QM
14	Living Room	AC Box		Intact	Metal	-0.5	QM
15	Living Room	Radiator		Intact	Metal	-0.2	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.7	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.6	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.4	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.4	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.3	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.4	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.3	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.2	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.2	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.5	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.4	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.1	QM
28	Bedroom	Door		Intact	Wood	-0.5	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.3	QM
30	Bedroom	AC Box		Intact	Metal	-0.3	QM
31	Bedroom	Radiator		Intact	Metal	-0.6	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.4	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.4	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.1	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.2	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.2	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.4	QM
38	Bathroom	Wall C		Intact	Tile	1.7	QM
39	Bathroom	Floor		Intact	Tile	-0.4	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.3	QM
41	Bathroom	Door		Intact	Wood	-0.3	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.6	QM
43	Bathroom	Radiator		Intact	Metal	-0.2	QM
44	Living Room	Circuit Breaker	Box	Intact	Metal	-0.4	QM
45	Calibrate					1	TC
46	Calibrate					1	TC
	Calibrate					0.9	TC

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	1010		
Abatement Le	1						
Report No.	14						
Job Start:	1103			Job Stop:	1128		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					1.1	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.5	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.2	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.3	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.3	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.2	QM
9	Living Room	Closet	Door	Intact	Metal	-0.5	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0	QM
11	Living Room	Entry Door		Intact	Metal	-0.6	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.6	QM
13	Living Room	Window	Sash	Intact	Metal	-0.7	QM
14	Living Room	AC Box		Intact	Metal	-0.5	QM
15	Living Room	Radiator		Intact	Metal	-0.2	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.2	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.2	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.4	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.2	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.2	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.1	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.3	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.3	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.2	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.3	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.2	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.6	QM
28	Bedroom	Door		Intact	Wood	-0.8	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.4	QM
30	Bedroom	AC Box		Intact	Metal	-0.2	QM
31	Bedroom	Radiator		Intact	Metal	-0.6	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.5	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.4	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.4	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.4	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.7	QM
38	Bathroom	Wall C		Intact	Tile	1	QM
39	Bathroom	Floor		Intact	Tile	-0.3	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.2	QM
41	Bathroom	Door		Intact	Wood	-0.5	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.3	QM
43	Living Room	Circuit Breaker	Box	Intact	Metal	-0.4	QM
44	Calibrate					1	TC
45	Calibrate					0.9	TC
46	Calibrate					0.9	TC

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	1105		
Abatement Le	1						
Report No.	0925-1102						
Job Start:	1102			Job Stop:	1137		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1.1	TC
2	Calibrate					1.1	TC
3	Calibrate					1.1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.2	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.2	QM
6	Living Room	Wall B		Intact	Sheetrock	0.1	QM
7	Living Room	Wall C		Intact	Sheetrock	0	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.4	QM
9	Living Room	Closet	Door	Intact	Metal	-0.1	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0	QM
11	Living Room	Entry Door		Intact	Metal	0	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0	QM
13	Living Room	Window	Sash	Intact	Metal	-0.5	QM
14	Living Room	AC Box		Intact	Metal	-0.7	QM
15	Living Room	Radiator		Intact	Metal	-0.1	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.1	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.5	QM
18	Kitchen	Wall B		Intact	Sheetrock	0	QM
19	Kitchen	Wall C		Intact	Sheetrock	0.1	QM
20	Kitchen	Wall D		Intact	Sheetrock	0.1	QM
21	Kitchen	Vent Cover		Intact	Metal	0.1	QM
22	Bedroom	Ceiling		Intact	Sheetrock	0.1	QM
23	Bedroom	Wall A		Intact	Sheetrock	0	QM
24	Bedroom	Wall B		Intact	Sheetrock	0	QM
25	Bedroom	Wall C		Intact	Sheetrock	0	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.1	QM
28	Bedroom	Door		Intact	Wood	-0.2	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.1	QM
30	Bedroom	AC Box		Intact	Metal	0.3	QM
31	Bedroom	Radiator		Intact	Metal	-0.1	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.8	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	0	QM
35	Bathroom	Wall B		Intact	Sheetrock	0	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.1	QM
37	Bathroom	Wall D		Intact	Sheetrock	0	QM
38	Bathroom	Wall C		Intact	Tile	-0.1	QM
39	Bathroom	Floor		Intact	Tile	0	QM
40	Bathroom	Vent Cover		Intact	Metal	0.1	QM
41	Bathroom	Door		Intact	Wood	-0.2	QM
42	Bathroom	Door	Casing	Intact	Metal	0.1	QM
43	Bathroom	Medicine Cab.		Intact	Metal	0.3	QM
44	Living Room	Electric Box		Intact	Metal	0.1	QM
45	Calibrate					1.2	TC
46	Calibrate					1.1	TC
47	Calibrate					1.1	TC

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	1107		
Abatement Le	1						
Report No.	13						
Job Start:	1033			Job Stop:	1102		
Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					1	TC
2	Calibrate					0.9	TC
3	Calibrate					1	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.5	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.2	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.7	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.1	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.4	QM
9	Living Room	Closet	Door	Intact	Metal	-0.2	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.4	QM
11	Living Room	Entry Door		Intact	Metal	-0.6	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.4	QM
13	Living Room	Window	Sash	Intact	Metal	-0.3	QM
14	Living Room	AC Box		Intact	Metal	-1	QM
15	Living Room	Radiator		Intact	Metal	-0.3	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.2	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.3	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.1	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.3	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.1	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.2	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.2	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.3	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.3	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.2	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.3	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.2	QM
28	Bedroom	Door		Intact	Wood	-0.2	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.3	QM
30	Bedroom	AC Box		Intact	Metal	-0.4	QM
31	Bedroom	Radiator		Intact	Metal	-0.3	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.4	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	0	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.4	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.3	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.4	QM
38	Bathroom	Wall C		Intact	Tile	-0.3	QM
39	Bathroom	Floor		Intact	Tile	-0.5	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.4	QM
41	Bathroom	Door		Intact	Wood	-0.7	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.3	QM
43	Bathroom	Radiator		Intact	Metal	-0.3	QM
44	Living Room	Circuit Breaker	Box	Intact	Metal	-0.7	QM
45	Calibrate					0.9	TC
46	Calibrate					1	TC
47	Calibrate					1	TC

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	10/3/2007			Apartment:	1204		
Abatement Le	1						
Report No.	12						
Job Start:	1006			Job Stop:	1032		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.9	TC
2	Calibrate					1	TC
3	Calibrate					0.9	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.3	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.4	QM
6	Living Room	Wall B		Intact	Sheetrock	-0.3	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.3	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.3	QM
9	Living Room	Closet	Door	Intact	Metal	-0.4	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	-0.2	QM
11	Living Room	Entry Door		Intact	Metal	-0.2	QM
12	Living Room	Entry Door	Casing	Intact	Metal	-0.2	QM
13	Living Room	Window	Sash	Intact	Metal	-0.8	QM
14	Living Room	AC Box		Intact	Metal	-0.4	QM
15	Living Room	Radiator		Intact	Metal	-0.5	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.2	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.4	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.3	QM
19	Kitchen	Wall C		Intact	Sheetrock	0	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.6	QM
21	Kitchen	Vent Covering		Intact	Metal	-0.3	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.2	QM
23	Bedroom	Wall A		Intact	Sheetrock	-0.3	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.2	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.5	QM
26	Bedroom	Wall D		Intact	Sheetrock	-0.2	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.4	QM
28	Bedroom	Door		Intact	Wood	-0.6	QM
29	Bedroom	Door	Casing	Intact	Metal	-0.3	QM
30	Bedroom	AC Box		Intact	Metal	-0.4	QM
31	Bedroom	Radiator		Intact	Metal	-0.5	QM
32	Bedroom	Window	Sash	Intact	Metal	-0.4	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.9	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.5	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.3	QM
36	Bathroom	Wall C		Intact	Sheetrock	-0.3	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.7	QM
38	Bathroom	Wall C		Intact	Tile	-0.9	QM
39	Bathroom	Floor		Intact	Tile	-0.5	QM
40	Bathroom	Vent Covering		Intact	Metal	-0.3	QM
41	Bathroom	Door		Intact	Wood	-0.4	QM
42	Bathroom	Door	Casing	Intact	Metal	-0.4	QM
43	Calibrate					0.9	QM
44	Calibrate					0.9	TC
45	Calibrate					0.8	TC

Inspection Da	9/25/2007			Address:	135 Main Street, Poughkeepsie, NY		
Report Date:	9/28/2007			Apartment:	1209		
Abatement Le	1						
Report No.	0925-1039						
Job Start:	1039			Job Stop:	1101		

Read No	Room	Wall/Structure	Member	Paint Cond.	Substrate	Lead mg/cm^2	Mode
1	Calibrate					0.9	TC
2	Calibrate					0.9	TC
3	Calibrate					0.8	TC
4	Living Room	Ceiling		Intact	Sheetrock	-0.3	QM
5	Living Room	Wall A		Intact	Sheetrock	-0.3	QM
6	Living Room	Wall B		Intact	Sheetrock	0	QM
7	Living Room	Wall C		Intact	Sheetrock	-0.2	QM
8	Living Room	Wall D		Intact	Sheetrock	-0.7	QM
9	Living Room	Closet	Door	Intact	Metal	-0.2	QM
10	Living Room	Closet	Wall	Intact	Sheetrock	0	QM
11	Living Room	Entry Door		Intact	Metal	-0.1	QM
12	Living Room	Entry Door	Casing	Intact	Metal	0.2	QM
13	Living Room	Window	Sash	Intact	Metal	-0.6	QM
14	Living Room	AC Box		Intact	Metal	-0.7	QM
15	Living Room	Radiator		Intact	Metal	-0.1	QM
16	Kitchen	Ceiling		Intact	Sheetrock	-0.4	QM
17	Kitchen	Wall A		Intact	Sheetrock	-0.2	QM
18	Kitchen	Wall B		Intact	Sheetrock	-0.1	QM
19	Kitchen	Wall C		Intact	Sheetrock	-0.2	QM
20	Kitchen	Wall D		Intact	Sheetrock	-0.3	QM
21	Kitchen	Vent Cover		Intact	Metal	0	QM
22	Bedroom	Ceiling		Intact	Sheetrock	-0.3	QM
23	Bedroom	Wall A		Intact	Sheetrock	0	QM
24	Bedroom	Wall B		Intact	Sheetrock	-0.2	QM
25	Bedroom	Wall C		Intact	Sheetrock	-0.1	QM
26	Bedroom	Wall D		Intact	Sheetrock	0	QM
27	Bedroom	Closet	Door	Intact	Metal	-0.1	QM
28	Bedroom	Door		Intact	Wood	-0.3	QM
29	Bedroom	Door	Casing	Intact	Metal	0.2	QM
30	Bedroom	AC Box		Intact	Metal	0.1	QM
31	Bedroom	Radiator		Intact	Metal	-0.1	QM
32	Bedroom	Window	Sash	Intact	Metal	0	QM
33	Bathroom	Ceiling		Intact	Sheetrock	-0.2	QM
34	Bathroom	Wall A		Intact	Sheetrock	-0.2	QM
35	Bathroom	Wall B		Intact	Sheetrock	-0.1	QM
36	Bathroom	Wall C		Intact	Sheetrock	0	QM
37	Bathroom	Wall D		Intact	Sheetrock	-0.2	QM
38	Bathroom	Wall C		Intact	Tile	-0.4	QM
39	Bathroom	Floor		Intact	Tile	-0.3	QM
40	Bathroom	Vent Cover		Intact	Metal	0	QM
41	Bathroom	Door		Intact	Wood	-0.2	QM
42	Bathroom	Door	Casing	Intact	Metal	0	QM
43	Bathroom	Medicine Cab.		Intact	Metal	0.2	QM
44	Bathroom	Ceiling Panel		Intact	Metal	-0.1	QM
45	Living Room	Electric Box		Intact	Metal	0.1	QM
46	Calibrate					1	TC
47	Calibrate					1.1	TC
48	Calibrate					0.9	TC

Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649
www.ehi-inc.com

May 30, 2007

Ms. Courtney Reed
Admiral Halsey, LP
C/o Omni New York, LLC
884 Second Avenue
31st Floor, Suite C
New York, NY 10017

Re: Asbestos Inspection
Admiral Halsey Senior Housing
Poughkeepsie, NY

Dear Ms. Reed,

Attached is our report relevant to the asbestos inspection conducted at the above referenced location.

We will be forwarding you the Asbestos Operations & Maintenance Plan under separate cover.

Please let me know if you have any questions.

Very truly yours,

John A. Sekelsky
Senior Project Manager

Environmental Health Investigations, Inc.

655 West Shore Trail
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649
www.ehi-inc.com

REPORT OF FINDINGS

Asbestos Inspection Survey

Admiral Halsey Senior Housing Complex
135 Main Street
Poughkeepsie, NY

On Behalf Of:

Admiral Halsey, LP
C/O Omni New York, LLC
884 Second Avenue
31st Floor, Suite C
New York, NY 10017

Alliant Credit Facility, Ltd ISAOA
Alliant Credit Facility, ALP, LLC ISAOA
1600 Oxnard Street, Suite 1200
Woodland Hills, CA 91367

New York State Housing Finance Agency
641 Lexington Avenue, 4th Floor
New York, NY 10022

Citigroup
Citibank Community Development
One Court Square
45 Floor, Zone 12
Long Island City, NY 11120

Survey Conducted: May 16 & 17, 2007
Report Dated: May 30, 2007

EHI Project #: 0561-1998

1.0 Introduction

Environmental Health Investigations, Inc. (EHI) was retained by Omni New York, LLC to conduct an asbestos inspection of the Admiral Halsey Senior Housing Complex located at 135 Main Street, Poughkeepsie, New York. This survey was conducted on the days of May 16 and 17, 2007 by Mr. John Sekelsky and Mr. Jean Paul von Doehren of EHI both of whom are certified New York State Inspectors.

2.0 Observations & Methods

The Admiral Halsey Senior Housing Complex located at 135 Main Street consists of thirteen floors with approximately ten apartments on each floor and penthouse areas. EHI conducted a walkthrough of this premises and identified materials which could potentially contain asbestos. Samples of these suspect materials were collected and submitted to EMSL Analytical Laboratories, Inc., New York, NY for analysis.

This survey was non-intrusive in that it was limited to inspection of common areas and a number of unoccupied apartments. No attempts were made to discover and open any walls in which pipes may exist. Those pipes that were inspected were either uninsulated or insulated with fiberglass. However, the pipeline elbows/fittings on those lines insulated with fiberglass were covered with a suspect cementitious insulation. The roofing materials associated with this building were not sampled. The building operations manager informed EHI that the roof is relatively new and was tested in the past and shown not to contain asbestos. However, no documentation verifying these results was offered. Therefore, the roofing materials are assumed to contain asbestos in this report. The doors of the apartments and stairways on the occupied

floors are labeled by the Underwriter Laboratories Company and are described as being hollow. One door for the electrical room on the first floor allowed assess to a paper insulation. This materials was sampled. No other doors were opened and checked for the presence of suspect material.

Primary analysis of all samples was done via Polarized Light Microscopy. Those samples of non friable organically bound, e.g., floor tiling and mastics, identified as not being asbestos containing by Polarized Light Microscopy were also analyzed by Transmission Electron Microscopy (TEM). The survey was conducted in the manner described in 40 CFR Par 763 Subpart E and New York State Regulations.

3.0 Results

A summary of the results for the collected and analyzed samples is provided in the table below:

Sample #	Type of Material	Location	Asbestos Regulated YES or No
AHS-051607-1	Sheetrock w/ Spackle	Penthouse - Electrical Switch Room	No
AHS-051607-1A	Sheetrock w/ Spackle	In Ceiling Plenum - Hallway Outside Apt 1201 - 12th Floor	No
AHS-051607-1B	Sheetrock w/ Spackle	In Ceiling Plenum - Hallway Outside Apt 1102 - 11th Floor	No
AHS-051607-1C	Sheetrock w/ Spackle	Ceiling Plenum - Top of Column - Day Room - Ground Floor	No
AHS-051707-1D	Sheetrock w/ Spackle	Ceiling Plenum - Top of Column - Main Corridor - Ground Floor	No
AHS-051607-2	Sheetrock Ceiling Tile	Penthouse Top of Stairway - At Door to Roof - Outside Storeroom	No

Sample #	Type of Material	Location	Asbestos Regulated YES or No
AHS-051607-2A	Sheetrock Ceiling Tile	Penthouse Top of West Stairway - At Door to Roof	No
AHS-051707-2B	Sheetrock Ceiling Tile	Garage Compactor Room - Ground Floor	No
AHS-051607-3	1'x1' Floor Tiling - Tan w/ Brown Streak & Mastic	Refuse Chute Room - 12th Floor	**Tile=YES Mastic=YES**
AHS-051607-3A	1'x1' Floor Tiling - Tan w/ Brown Streaks & Mastic	Refuse Chute Room - 3rd Floor	**Tile=YES Mastic=YES**
AHS-051607-3B	1'x1' Floor Tiling - Tan w/ Brown Streak & Mastic	Refuse Chute Room - 2nd Floor	**Tile=YES Mastic=YES**
AHS-051607-4	Mastic Associated with Wall Cove Molding	Refuse Chute Room - 12th Floor	No
AHS-051607-4A	Mastic Associated with Wall Cove Molding	Wall in Stairway - 10th Floor	**No**
AHS-051607-4B	Mastic Associated with Wall Cove Molding	6th Floor Hallway - By Elevators	No
AHS-051607-5	Window Caulking	Old Caulking - Under Window Ledge - Outside Window Apt. 1103 - 11th Floor	No
AHS-051607-5A	Window Caulking	Old Caulking - Under Window Ledge - Outside Window Apt. 601 - 6th Floor	No
AHS-051607-5B	Window Caulking	Old Caulking - Under Window Ledge - Outside Window Apt. 310 - 3rd Floor	No
AHS-051607-5C	Window Caulking	Outside Front of Building - Window for Office	No
AHS-051607-6	Caulking	East Stairway - 4th Floor - Between Stairs and Wall	No
AHS-051607-6A	Caulking	West Stairway - 4th Floor - Between Stairs and Wall	No

Sample #	Type of Material	Location	Asbestos Regulated YES or No
AHS-051607-7	Caulking/Insulation	Inside Conduit Sleeve for Telephone Lines in Floor - Refuse Chute Closet - 2nd Floor	YES
AHS-051607-7A	Caulking/Insulation	Inside Conduit Sleeve for Telephone Lines in Floor - Refuse Chute Closet - 6th Floor	YES
AHS-051607-7B	Caulking/Insulation	Inside Conduit Sleeve for Telephone Lines in Floor - Refuse Chute Closet - 1st Floor	YES
AHS-051607-8	Fireproofing	Structural Beam Inside Elevator Shaft	No
AHS-051607-8A	Fireproofing	Structural Beam Inside Elevator Shaft	No
AHS-051607-8B	Fireproofing	Structural Beam Inside Elevator Shaft	No
AHS-051607-9	1'x1' Floor Tiling - White w/ Grey Streaks	Inside Day Room Kitchen - Ground Floor	No
AHS-051607-10	4'x2' Ceiling Tile - Off-White w/ Pinholes	Inside Day Room - Ground Floor	No
AHS-051607-10A	4'x2' Ceiling Tile - Off-White w/ Pinholes	Inside Day Room Kitchen - Ground Floor	No
AHS-051607-10B	4'x2' Ceiling Tile - Off-White w/ Pinholes	Inside Day Room - Ground Floor	No
AHS-051607-11	4'x2' Ceiling Tile - White w/ Pinholes	Inside Day Room - Ground Floor	No
AHS-051607-11A	4'x2' Ceiling Tile - White w/ Pinholes	Inside Day Room - Ground Floor	No
AHS-051607-11B	4'x2' Ceiling Tile - White w/ Pinholes	Inside Day Room - Ground Floor	No
AHS-051707-12	Fireproofing	Structural Beam Inside Day Room MER/Fan Room - Ground Floor	No
AHS-051707-12A	Fireproofing	Electrical Meter Room - Ground Floor	No

Sample #	Type of Material	Location	Asbestos Regulated YES or No
AHS-051707-12B	Fireproofing	Maintenance Garage - Ground Floor	No
AHS-051707-13	4'x2' Ceiling Tile - White w/Gouges Pinholes	Main Corridor - Outside Restrooms - Ground Floor	No
AHS-051707-13A	4'x2' Ceiling Tile - White w/Gouges Pinholes	Men's Restroom - Ground Floor	No
AHS-051707-13B	4'x2' Ceiling Tile - White w/Gouges Pinholes	Main Corridor - Outside Elevators - Ground Floor	No
AHS-051707-14	Door Insulation	Entrance to Electrical Meter Room - Ground Floor	No
AHS-051707-15	Boiler Flue Insulation - Top Layer	Boiler 2 - Boiler Room - Ground Floor	No
AHS-051707-15A	Boiler Flue Insulation - Top Layer	Boiler 1- Boiler Room - Ground Floor	**YES**
AHS-051707-15B	Boiler Flue Insulation - Top Layer	Boiler 1- Boiler Room - Ground Floor	Not Analyzed
AHS-051707-16	Cementitious Pipe Elbow Insulation	Boiler Room - Ground Floor	No
AHS-051707-16A	Cementitious Pipe Elbow Insulation	Boiler Room - Ground Floor	No
AHS-051707-16B	Cementitious Pipe Elbow Insulation	Boiler Room - Ground Floor	No
AHS-051707-16C	Cementitious Pipe Elbow Insulation	East MER/Fan Room - Ground Floor	No
AHS-051707-17	Rope-like Boiler Gasket	Boiler Room - Ground Floor - Front of Boiler 1	No

Sample #	Type of Material	Location	Asbestos Regulated YES or No
AHS-051707-17A	Rope-like Boiler Gasket	Boiler Room - Ground Floor - Back of Boiler 1	YES
AHS-051707-17B	Rope-like Boiler Gasket	Boiler Room - Ground Floor - Front of Boiler 2	Not Analyzed
AHS-051707-18	Boiler Flue Insulation - Bottom Layer	Boiler 2 - Boiler Room - Ground Floor	No
AHS-051707-18A	Boiler Flue Insulation - Bottom Layer	Boiler 1- Boiler Room - Ground Floor	YES
AHS-051707-18B	Boiler Flue Insulation - Bottom Layer	Boiler 1- Boiler Room - Ground Floor	Not Analyzed
AHS-051707-19	Sheetrock	Boiler Room Ceiling - Ground Floor	NO
AHS-051707-19A	Sheetrock	Boiler Room Ceiling - Ground Floor	NO
AHS-051707-19B	Sheetrock	Boiler Room Ceiling - Ground Floor	NO

4.0 Summary of Asbestos Materials

Material	Location	Approximate Quantity
Roof Membrane (Assumed)	Main Roof	6,500 Square Feet
Roof Flashing (Assumed)	Main Roof	800 Square Feet
Pitch Pockets (Assumed)	Main Roof	80 Square Feet
Roof Membrane & Flashing (Assumed)	Day Room Roof	800 Square Feet
Roof Membrane & Flashing (Assumed)	SE Corner of Building	400 Square Feet
1'x1' Floor Tiling - Tan w/ Brown Streak & Associated Mastic	Floors 1 - 12 Ground Floor (Assumed to Exist Under Carpeting in Main Corridor & Office)	5,000 Square Feet per Floor 800 Square Feet Total= 60,700

Material	Location	Approximate Quantity
Boiler Flue Insulation	Boiler Room - Boilers 1 & 2	120 Square Feet
Rope-like Boiler Gasket	Boiler Room - Boilers 1 & 2 Front & Back	60 Linear Feet
Caulking/Insulation	Telephone Conduit Floor Sleeve - Refuse Chute Closet - Floors 1 - 12	1 Square Foot per Floor Total=12 Square Feet

5.0 Discussion

The roofing materials associated with the Admiral Halsey Senior Housing Complex are assumed to contain asbestos until samples are taken and analysis shows these materials are asbestos containing. As mentioned above this survey was conducted in a non-intrusive manner and suspect asbestos materials contained within existing doors, walls, ceiling and or floor not accessed during this survey may exist. Any suspect materials not sampled and shown not to be asbestos containing must be treated as being asbestos containing.

Those materials known or assumed to be asbestos are identified above. It is recommended that an Operations and Maintenance Plan be generated so as to inform all affected parties of the existence of these asbestos materials and standardize procedures for their maintenance and treatment. Any activities, e.g., demolition and/or renovation activities, that will or may cause the disturbance of the identified asbestos materials should be preceded by the abatement or removal of these materials by a licensed New York State abatement contractor in accordance with all applicable local, state and federal regulations.

Report By:

John A Sekelsky
Senior Project Manager

Reviewed By:

William S. Kerbel, CIH
President

APPENDIX

A

PLM & TEM LABORATORY ANALYSES REPORTS

EMSL Analytical, Inc.

307 West

Attn: **Environmental Health Investigations**
655 West Shore Trail
Sparta, NJ 07871

Fax: (973) 729-5649 Phone: (973) 729-5649

Project: **0561-1998/ OMNI/ 135 MAIN STREET/ POUGHKEEPSIE**

Customer ID: EHII50
Customer PO:
Received: 05/18/07 7:57 AM
EMSL Order: 030715929
EMSL Proj:

Report Date: 5/29/2007

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-051607-1	**PLM NYS 198.1 Friable**	5/22/2007	White	3.00% Cellulose 2.00% Glass	95%	**None Detected**	
030715929-0001	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
SHEETROCK W/ SPACKLE/ PENTHOUSE ELECTRICAL SWITCH	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-2	**PLM NYS 198.1 Friable**	5/22/2007	White	15.00% Cellulose	85%	**None Detected**	
030715929-0002	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
SHEETROCK CEILING TILE/ TOP OF STAIRWAL IN PENTHOU	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-2A	**PLM NYS 198.1 Friable**	5/22/2007	White	14.00% Cellulose	86%	**None Detected**	
030715929-0003	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
SHEETROCK CEILING TILE TOP OF WEST STAIRWAY AT DOO	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-1A SHEETROCK	**PLM NYS 198.1 Friable**	5/22/2007	White	12.00% Cellulose	88%	**None Detected**	
030715929-0004	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
SHEETROCK W/ SPACKLE/ WALL IN CEILING PLENUM ABOVE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-1A JOINT COMPOUND	**PLM NYS 198.1 Friable**	5/22/2007	White		100%	**None Detected**	
030715929-0004A	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
SHEETROCK W/ SPACKLE/ WALL IN CEILING PLENUM ABOVE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-3A	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0005	**PLM NYS 198.6 NOB**	5/22/2007	White		N/A	2.6% Chrysotile **2.6% Total**	
1X1 TAN FLOOR TILE W/ BROWN STREAKS & MASTIC/ REFU	**TEM NYS 198.4 NOB**	5/22/2007			N/A	**Not Analyzed**	

NYS198-7.4

EMSL Analytical, Inc.

307 West

Attn: **Environmental Health Investigations**
655 West Shore Trail
Sparta, NJ 07871

Fax: (973) 729-5649 Phone: (973) 729-5649

Project: **0561-1998/ OMNI/ 135 MAIN STREET/ POUGHKEEPSIE**

Customer ID: EHII50
Customer PO:
Received: 05/18/07 7:57 AM
EMSL Order: 030715929
EMSL Proj:

Report Date: 5/29/2007

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-051607-3AM	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0005A	**PLM NYS 198.6 NOB**	5/22/2007	Black		N/A	11.3% Chrysotile **11.3% Total**	
1X1 TAN FLOOR TILE W/ BROWN STREAKS & MASTIC/ REFU	**TEM NYS 198.4 NOB**	5/22/2007			N/A	**Not Analyzed**	
AHS-051607-4	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0006	**PLM NYS 198.6 NOB**	5/22/2007	Black		N/A	**Inconclusive: None Detected**	
MASTIC ASSOCIATED W/ WALL COVE MOLDING/ REFUSE CHU	**TEM NYS 198.4 NOB**	5/22/2007	Black		N/A	**None Detected**	
AHS-051607-1B SHEETROCK	**PLM NYS 198.1 Friable**	5/22/2007	White	8.00% Cellulose	92%	**None Detected**	
030715929-0007	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
SHEETROCK W/ SPACKLE/ WALL IN CEILING PLENUM ABOVE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-1B JOINT COMPOUND	**PLM NYS 198.1 Friable**	5/22/2007	White		100%	**None Detected**	
030715929-0007A	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
SHEETROCK W/ SPACKLE/ WALL IN CEILING PLENUM ABOVE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-5	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0008	**PLM NYS 198.6 NOB**	5/22/2007	Gray		N/A	**Inconclusive: None Detected**	
WINDOW CAULKING/ OLD CAULKING UNDER WINDOW FRAME O	**TEM NYS 198.4 NOB**	5/22/2007	Gray		N/A	**None Detected**	
AHS-051607-4A	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0009	**PLM NYS 198.6 NOB**	5/22/2007	Black		N/A	**Inconclusive: None Detected**	
WALL COVE MOLDING MASTIC/ WALL IN STAIRWELL 10TH F	**TEM NYS 198.4 NOB**	5/22/2007	Black		N/A	**None Detected**	
AHS-051607-5A	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0010	**PLM NYS 198.6 NOB**	5/22/2007	Gray		N/A	**Inconclusive: None Detected**	
WINDOW CAULKING/ OLD CAULKING UNDER WINDOW FRAME O	**TEM NYS 198.4 NOB**	5/22/2007	Gray		N/A	**None Detected**	

NYS198-7.4

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307 West

Attn: **Environmental Health Investigations**
655 West Shore Trail
Sparta, NJ 07871

Fax: (973) 729-5649 Phone: (973) 729-5649

Project: **0561-1998/ OMNI/ 135 MAIN STREET/ POUGHKEEPSIE**

Customer ID: EHII50
Customer PO:
Received: 05/18/07 7:57 AM
EMSL Order: 030715929
EMSL Proj:

Report Date: 5/29/2007

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-051607-03	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0011	**PLM NYS 198.6 NOB**	5/22/2007	White		N/A	4.0% Chrysotile **4.0% Total**	
1X1 TAN FLOOR TILE W/ BROWN STREAKS & MASTIC/ REFU	**TEM NYS 198.4 NOB**	5/22/2007			N/A	**Not Analyzed**	
AHS-051607-03M	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0011A	**PLM NYS 198.6 NOB**	5/22/2007	Black		N/A	6.5% Chrysotile **6.5% Total**	
1X1 TAN FLOOR TILE W/ BROWN STREAKS & MASTIC/ REFU	**TEM NYS 198.4 NOB**	5/22/2007			N/A	**Not Analyzed**	
AHS-051607-4B	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0012	**PLM NYS 198.6 NOB**	5/22/2007	Black		N/A	**Inconclusive: None Detected**	
WALL COVE MOLDING MASTIC/ 6TH FLOOR HALLWAY BY ELE	**TEM NYS 198.4 NOB**	5/22/2007	Black		N/A	**None Detected**	
AHS-051607-6	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0013	**PLM NYS 198.6 NOB**	5/22/2007	White	<1% Fibrous (other)	N/A	**Inconclusive: None Detected**	
CAULKING/ ALONG SIDE OF STAIRWAY EAST BETWEEN	**TEM NYS 198.4 NOB**	5/22/2007	White		N/A	**None Detected**	
AHS-051607-6A	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0014	**PLM NYS 198.6 NOB**	5/22/2007	White		N/A	Inconclusive : <1% Chrysotile **<1% Total**	
CAULKING/ SAME AS SAMPLE 6 WEST STAIRWAY	**TEM NYS 198.4 NOB**	5/22/2007	White		N/A	<1% Chrysotile **<1% Total**	
AHS-051607-5B	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0015	**PLM NYS 198.6 NOB**	5/22/2007	Gray		N/A	**Inconclusive: None Detected**	
WINDOW CAULKING/ OLD CAULKING UNDER WINDOW O/S APT	**TEM NYS 198.4 NOB**	5/22/2007	Gray		N/A	**None Detected**	

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Project: **0561-1998/ OMNI/ 135 MAIN STREET/ POUGHKEEPSIE**

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Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-051607-3B	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0016	**PLM NYS 198.6 NOB**	5/22/2007	White		N/A	3.7% Chrysotile **3.7% Total**	
1X1 TAN FLOOR TILE W/ BROWN STREAKS & MASTIC/ REFU	**TEM NYS 198.4 NOB**	5/22/2007			N/A	**Not Analyzed**	
AHS-051607-3BM	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0016A	**PLM NYS 198.6 NOB**	5/22/2007	Black		N/A	7.3% Chrysotile **7.3% Total**	
1X1 TAN FLOOR TILE W/ BROWN STREAKS & MASTIC/ REFU	**TEM NYS 198.4 NOB**	5/22/2007			N/A	**Not Analyzed**	
AHS-051607-7	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0017	**PLM NYS 198.6 NOB**	5/22/2007	Gray		N/A	24.0% Chrysotile **24.0% Total**	
CAULKING/ INSULATION/ INSIDE SLEEVE FOR ELECTRICAL	**TEM NYS 198.4 NOB**	5/22/2007			N/A	**Not Analyzed**	
AHS-051607-7A	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0018	**PLM NYS 198.6 NOB**	5/22/2007	Gray		N/A	18.6% Chrysotile **18.6% Total**	
CAULKING/ INSULATION/ SAME AS SAMPLE 7 6TH FLOOR R	**TEM NYS 198.4 NOB**	5/22/2007			N/A	**Not Analyzed**	
AHS-051607-8	**PLM NYS 198.1 Friable**	5/22/2007	Gray	30.00% Cellulose	70%	**None Detected**	
030715929-0019	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
FIREPROOFING/ STRUCTURAL BEAMS INSIDE ELEVATOR SHA	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-8A	**PLM NYS 198.1 Friable**	5/22/2007	Gray	30.00% Cellulose	70%	**None Detected**	
030715929-0020	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
FIREPROOFING/ STRUCTURAL BEAMS INSIDE ELEVATOR SHA	**TEM NYS 198.4 NOB**				N/A		Not Analyzed

NYS198-7.4

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Project: **0561-1998/ OMNI/ 135 MAIN STREET/ POUGHKEEPSIE**

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Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-051607-8B *030715929-0021* FIREPROOFING/ STRUCTURAL BEAMS INSIDE ELEVATOR SHA	**PLM NYS 198.1 Friable**	5/22/2007	Gray	35.00% Cellulose	65%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
AHS-051607-9 *030715929-0022* 1X1 FLOOR TILE WHT W/ GREY STREAKS/ I/S KITCHEN	**PLM NYS 198.1 Friable**						Not Analyzed
	PLM NYS 198.6 NOB	5/22/2007	White		N/A	**Inconclusive: None Detected**	
	TEM NYS 198.4 NOB	5/22/2007	White		N/A	**None Detected**	
AHS-051607-7B *030715929-0023* CAULKING/ INSULATION/ SAME AS SAMPLE 7 1ST FL REFU	**PLM NYS 198.1 Friable**						Not Analyzed
	PLM NYS 198.6 NOB	5/22/2007	Gray		N/A	26.2% Chrysotile **26.2% Total**	
	TEM NYS 198.4 NOB	5/22/2007			N/A	**Not Analyzed**	
AHS-051607-10 *030715929-0024* 4X2 CEILING TILE OFF WHITE W/ PINHOLE/ DAY ROOM GR	**PLM NYS 198.1 Friable**	5/22/2007	Gray	60.00% Cellulose 13.00% Glass 2.00% Min. Wool	25%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
AHS-051607-10A *030715929-0025* 4X2 CEILING TILE OFF WHITE W/ PINHOLE/ DAY ROOM GR	**PLM NYS 198.1 Friable**	5/22/2007	Gray	60.00% Cellulose 13.00% Glass 2.00% Min. Wool	25%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed

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Asbestos Analysis of Bulk Material

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AHS-051607-10B *030715929-0026*	**PLM NYS 198.1 Friable**	5/22/2007	Gray	60.00% Cellulose 12.00% Glass 3.00% Min. Wool	25%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
4X2 CEILING TILE OFF WHITE W/ PINHOLE/ DAY ROOM GR	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-11 *030715929-0027*	**PLM NYS 198.1 Friable**	5/22/2007	Gray	50.00% Cellulose 7.00% Glass 3.00% Min. Wool	40%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
4X2 CEILING TILE WHT W/ PINHOLE/ DAY ROOM GROUND F	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-11A *030715929-0028*	**PLM NYS 198.1 Friable**	5/22/2007	Gray	50.00% Cellulose 7.00% Glass 3.00% Min. Wool	40%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
4X2 CEILING TILE WHT W/ PINHOLE/ DAY ROOM GROUND F	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-11B *030715929-0029*	**PLM NYS 198.1 Friable**	5/22/2007	Gray	50.00% Cellulose 7.00% Glass 3.00% Min. Wool	40%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
4X2 CEILING TILE WHT W/ PINHOLE/ DAY ROOM GROUND F	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051607-1C *030715929-0030*	**PLM NYS 198.1 Friable**	5/22/2007	White	1.00% Cellulose 3.00% Glass	96%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
SHEETROCK W/ SPACKLE/ AROUND COLUMN NORTH WALL	**TEM NYS 198.4 NOB**				N/A		Not Analyzed

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Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-0517-07-12	**PLM NYS 198.1 Friable**	5/22/2007	Gray	30.00% Cellulose	70%	**None Detected**	
030715929-0031	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
FIREPROOFING/ ON HORIZONTAL BEAM IN DAY CARE ROOM	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-13	**PLM NYS 198.1 Friable**	5/22/2007	Tan	60.00% Cellulose 5.00% Glass	35%	**None Detected**	
030715929-0032	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
4X2 CEILING TILE WHT W/ PINHOLES & GAUGES/ MAIN C	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-0517-07-13A	**PLM NYS 198.1 Friable**	5/22/2007	Tan	60.00% Cellulose 5.00% Glass	35%	**None Detected**	
030715929-0033	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
4X2 CEILING TILE WHT W/ PINHOLES & GAUGES/ MENS RE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-2B	**PLM NYS 198.1 Friable**	5/22/2007	White	9.00% Cellulose	91%	**None Detected**	
030715929-0034	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
2X2 WHT SHEETROCK CEILING TILE/ GARBAGE COMPACTOR	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-12A	**PLM NYS 198.1 Friable**	5/22/2007	Brown	35.00% Cellulose	65%	**None Detected**	
030715929-0035	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
FIREPROOFING/ ON HORIZONTAL BEAM IN ELECTRICAL MET	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-13B	**PLM NYS 198.1 Friable**	5/22/2007	Brown	40.00% Cellulose 5.00% Glass	55%	**None Detected**	
030715929-0036	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
4X2 CEILING TILE W/ PINHOLES & GAUGES/ MAIN LOBBY	**TEM NYS 198.4 NOB**				N/A		Not Analyzed

NYS198-7.4

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307 West

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Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-051707-1D *030715929-0037*	**PLM NYS 198.1 Friable**	5/22/2007	White	2.00% Cellulose 3.00% Glass	95%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
SHEETROCK W/ SPACKLE/ IN CEILING PLENUM OFF COLUMN	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-14 *030715929-0038*	**PLM NYS 198.1 Friable**	5/22/2007	Brown	80.00% Cellulose	20%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
DOOR INSULATION PAPER/ THE DOOR TO ELECTRICAL/ MET	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-15 *030715929-0039*	**PLM NYS 198.1 Friable**	5/22/2007	Gray	25.00% Glass 10.00% Min. Wool	65%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BOILER FLUE INSULATION TOP/ BOILER ROOM FROM FLUE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-15A *030715929-0040*	**PLM NYS 198.1 Friable**	5/22/2007	Gray		87.88%	**12.12% Chrysotile**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BOILER FLUE INSULATION TOP/ BOILER ROOM FROM FLUE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-15B *030715929-0041*	**PLM NYS 198.1 Friable**	5/22/2007				**Positive Stop**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BOILER FLUE INSULATION TOP/ BOILER ROOM FROM FLUE	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-16 *030715929-0042*	**PLM NYS 198.1 Friable**	5/22/2007	Gray	5.00% Min. Wool	95%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PIPE ELBOW JOINT INSULATION CEMENTITIOUS/ BOILER R	**TEM NYS 198.4 NOB**				N/A		Not Analyzed

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Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-051707-16A *030715929-0043*	**PLM NYS 198.1 Friable**	5/22/2007	Gray	5.00% Glass 5.00% Min. Wool	90%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PIPE ELBOW JOINT INSULATION CEMENTITIOUS/ BOILER R	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-16B *030715929-0044*	**PLM NYS 198.1 Friable**	5/22/2007	Gray	7.00% Glass 8.00% Min. Wool	85%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
PIPE ELBOW JOINT INSULATION CEMENTITIOUS/ BOILER R	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-17 *030715929-0045*	**PLM NYS 198.1 Friable**	5/22/2007	Tan	90.00% Glass	10%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
ROPE GASKET/ ON FRONT OF BOILER 1	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-17A *030715929-0046*	**PLM NYS 198.1 Friable**	5/22/2007	White	10.00% Synthetic	23.33%	**66.67% Chrysotile**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
ROPE GASKET/ ON FRONT OF BOILER 1	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-17B *030715929-0047*	**PLM NYS 198.1 Friable**	5/22/2007				**Positive Stop**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
ROPE GASKET/ ON FRONT OF BOILER 2	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-18 *030715929-0048*	**PLM NYS 198.1 Friable**	5/22/2007	White	5.00% Glass 35.00% Synthetic	60%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
BOILER FLUE INSULATION BTM/ ON FRONT OF BOILER 1	**TEM NYS 198.4 NOB**				N/A		Not Analyzed

NYS198-7.4

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Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
AHS-051707-18A *030715929-0049* BOILER FLUE INSULATION BTM/ ON FRONT OF BOILER 1	**PLM NYS 198.1 Friable**	5/22/2007	Gray		42.86%	**57.14% Chrysotile**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
AHS-051707-18B *030715929-0050* BOILER FLUE INSULATION BTM/ ON FRONT OF BOILER 2	**PLM NYS 198.1 Friable**	5/22/2007				**Positive Stop**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
AHS-051707-19 *030715929-0051* SHEETROCK/ BOILER ROOM CEILING	**PLM NYS 198.1 Friable**	5/22/2007	White	3.00% Cellulose 2.00% Glass	95%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
AHS-051707-19A *030715929-0052* SHEETROCK/ BOILER ROOM CEILING	**PLM NYS 198.1 Friable**	5/22/2007	White	8.00% Cellulose 2.00% Glass	90%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
AHS-051707-19B *030715929-0053* SHEETROCK/ BOILER ROOM CEILING	**PLM NYS 198.1 Friable**	5/22/2007	White	10.00% Cellulose 2.00% Glass	88%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed
AHS-051707-16C *030715929-0054* CEMENTITIOUS PIPE FITTING INSULATION/ EAST MEER/ F	**PLM NYS 198.1 Friable**	5/22/2007	Tan/White	2.00% Cellulose 10.00% Glass 8.00% Min. Wool	80%	**None Detected**	
	PLM NYS 198.6 NOB				N/A		Not Analyzed
	TEM NYS 198.4 NOB				N/A		Not Analyzed

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Asbestos Analysis of Bulk Material

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AHS-051707-12B	**PLM NYS 198.1 Friable**	5/22/2007	Brown	35.00% Cellulose	65%	**None Detected**	
030715929-0055	**PLM NYS 198.6 NOB**				N/A		Not Analyzed
FIREPROOFING/ MAINTENANCE GARAGE GROUND FLOOR	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
AHS-051707-5C	**PLM NYS 198.1 Friable**						Not Analyzed
030715929-0056	**PLM NYS 198.6 NOB**	5/22/2007	Gray		N/A	**Inconclusive: None Detected**	
WINDOW CAULKING/ WINDOW EXT OF BLDG FRONT OFFICE	**TEM NYS 198.4 NOB**	5/22/2007	Gray		N/A	**None Detected**	

NOB = Non Friable Organically Bound
N/A = Not Applicable

Analyst(s)

Ping Chen
Ryan Yip Hing Li

James Hall, Laboratory Manager
or other approved signatory

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ACCREDITATIONS: NVLAP #101048-9 and NY STATE ELAP #11506

5 DAYS TURNAROUND

FAX TO 973-599-9877

EMSL MANHATTAN RECEIVED

CHAIN OF CUSTODY

Samples Sent From: John A. Sekelsky **Environmental Health Investigations, Inc.** 655 West Shore Trail Sparta, NJ 07871 Phone/Fax #: 973-729-5649 07 MAY 18 AM 7:57	Samples Sent To: EMSL ANALYTICAL, INC 307 WEST 38th STREET NY, NY 10018 (212)-290-0051 [redacted]
EHI Project #: 0561-1998	Date Sent: 5/18/07 030715929
Page 1 of 5	Courier: SELF

SAMPLE Identification	TYPE OF SAMPLE Field Sheets Attached	SAMPLE VOL. or AREA	ANALYSIS REQUESTED
AHS-051607-1	BULK-See Attached Sheets	N/A	PLM
-1A			
-1B			
-1C			
AHS-051707-1D			
-2			
-2A			
AHS-051707-2B			
AHS-051607-3			NOB-Tile + MASTIC
-3A			NOB-Tile + MASTIC
-3B			NOB-Tile + MASTIC
AHS-051607-4			NOB
-4A			
-4B			

Sample Relinquished By: [signature] Signature	Print Name: John A Sekelsky	Date: 5/17/07
Sample Received By: Nidia Lopez Signature	Print Name: Nidia Lopez	Date: 5/18/07

TURNAROUND TIME:	☒ 5 Day	☐ 3 Day	☐ 24 Hour	☐ Immediate

Comments: ANALYZE NOBs VIA PLM + VERIFY NEGATIVE RESULTS VIA TEM
STOP ANALYSIS FOR EACH MATERIAL SAMPLE SET W/ FIRST POSITIVE

Date Received: 5/18/07 SAMPLES ACCEPTED FOR ANALYSIS Y EMSL Analyzed By:	Invoice To: EHI, Inc. 655 West Shore Trail Sparta, NJ 07871	Send Results To: X William S. Kerbel, CIH EHI, Inc. 655 West Shore Trail Sparta, NJ 07871 Phone/Fax: 973-729-5649	Fax To: X 973-599-9877 Email To: ehi1@earthlink.net

5 DAYS TURNAROUND

FAX TO 973-599-9877

030715929

CHAIN OF CUSTODY

EMSL MANHATTAN RECEIVED

Samples Sent From: John A Sekelsky Environmental Health Investigations, Inc. 655 West Shore Trail Sparta, NJ 07871 Phone/Fax #: 973-729-5649 07 MAY 18 AM 7:57	Samples Sent To: EMSL ANALYTICAL, INC 307 WEST 38th ST NY, NY (212) 290-0051 [redacted]
EHI Project #: 0561-1998	Date Sent: 5/18/07
Page 2 of 5	Courier: SELF

SAMPLE Identification	TYPE OF SAMPLE Field Sheets Attached	SAMPLE VOL. or AREA	ANALYSIS REQUESTED
AHS-051607-5	Bulk - See Attached Sheets	N/A	NOB
-5A			
-5B			
AHS-051707-5C			
AHS 051607-6			
-6A			
-7			
-7A			
-7B			
-8			PLM
-8A			
-8B			
-9			NOB

Sample Relinquished By: [signature] Signature	Print Name: John A Sekelsky	Date: 5/17/07
Sample Received By: Nidia Lopez Signature	Print Name: Nidia Lopez	Date: 5/18/07

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL

TURNAROUND TIME:	☒ 5 Day	☐ 3 Day	☐ 24 Hour	☐ Immediate

Comments: ANALYZE NOBs VIA PLM & VERIFY NEGATIVE RESULTS VIA TEM STOP ANALYSIS FOR EACH MATERIAL SAMPLE SET W/ FIRST POSITIVE

Date Received: _____ Analyzed By: _____	Invoice To: EHI, Inc. 655 West Shore Trail Sparta, NJ 07871	Send Results To: X William S. Kerbel, CIH EHI, Inc. 655 West Shore Trail Sparta, NJ 07871 Phone/Fax: 973-729-5649	Fax To: X 973-599-9877 Email To: _____ ehi1@earthlink.net

5 DAYS TURNAROUND

FAX TO 973-599-9877

CHAIN OF CUSTODY

EMSL MANHATTAN
RECEIVED
07 MAY 18 AM 7:57

Samples Sent From: John A Sekelsky **Environmental Health Investigations, Inc.** 655 West Shore Trail Sparta, NJ 07871 Phone/Fax #: 973-729-5649	**Samples Sent To:** EMSL ANALYTICAL, INC. 307 WEST 38th STREET NY, NY 10018 [redacted]
EHI Project #: 0561-1998	**Date Sent:** 5/18/07 03071929
Page 3 **of** 5	**Courier:** SELF

SAMPLE Identification	TYPE OF SAMPLE (Field Sheets ATTACHED)	SAMPLE VOL. or AREA	ANALYSIS REQUESTED
AHS-051607-10	BULK - See ATTACHED SHEETS	N/A	PLM
-10A			
-10B			
-11			
-11A			
-11B			
AHS-051707-12			
-12A			
-12B			
-13			
-13A			
-13B			
-14			

Sample Relinquished By: _____ Signature	**Print Name:** John A Sekelsky	**Date:** 5/17/07
Sample Received By: Nidia Lopez Signature	**Print Name:** SAMPLES ACCEPTED FOR ANALYSIS Nidia Lopez EMSL	**Date:** 5/18/07

TURNAROUND TIME:	☒ 5 Day	☐ 3 Day	☐ 24 Hour	☐ Immediate

Comments: ANALYZE NOB SAMPLES VIA PLM & VERIFY NEGATIVE RESULTS VIA TEM
STOP ANALYSES FOR EACH MATERIAL SAMPLE SET W/ FIRST Positive.

Date Received: _____ **Analyzed By:** _____	**Invoice To:** EHI, Inc. 655 West Shore Trail Sparta, NJ 07871	**Send Results To:** X William S. Kerbel, CIH EHI, Inc. 655 West Shore Trail Sparta, NJ 07871 Phone/Fax: 973-729-5649	**Fax To:** X 973-599-9877 **Email To:** _____ ehi1@earthlink.net

5 DAYS TURNAROUND

FAX TO 973-599-9877

CHAIN OF CUSTODY

EMSL MANHATTAN RECEIVED

Samples Sent From: John A Sekelsky **Environmental Health Investigations, Inc.** 655 West Shore Trail Sparta, NJ 07871 Phone/Fax #: 973-729-5649 07 MAY 18 AM 7:57	Samples Sent To: EMSL ANALYTICAL, INC. 307 WEST 38B STREET NY, NY 10018 (212) 290-0051 [redacted]
EHI Project #: 0561-1998	Date Sent: 5/18/07
Page 4 of 5	Courier: SELF 030715929

SAMPLE Identification	TYPE OF SAMPLE Field Sheets ATTACHED	SAMPLE VOL. or AREA	ANALYSIS REQUESTED
AHS-051707 -15	BULK-SES ATTACHED SHEETS	N/A	PLM
-15A			
-15B			
-16			
-16A			
-16B			
-16C			
-17			
-17A			
-17B			
-18			
-18A			
-18B			

Sample Relinquished By: [signature] Signature	Print Name: John A Sekelsky	Date: 5/17/07
Sample Received By: Nidia Lopez Signature	Print Name: Nidia Lopez	Date: 5/18/07

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL

TURNAROUND TIME:	☒ 5 Day	☐ 3 Day	☐ 24 Hour	☐ Immediate

Comments: STOP ANALYSIS FOR EACH MATERIAL SAMPLE SET W/ FIRST Positive

Date Received: _____ Analyzed By: _____	Invoice To: EHI, Inc. 655 West Shore Trail Sparta, NJ 07871	Send Results To: X William S. Kerbel, CIH EHI, Inc. 655 West Shore Trail Sparta, NJ 07871 Phone/Fax: 973-729-5649	Fax To: X 973-599-9877 Email To: _____ ehi1@earthlink.net

5 DAYS TURNAROUND

FAX TO 973-599-9877

CHAIN OF CUSTODY

EMSL MONTVALE

RECEIVED

07 MAY 18 AM 7:57

Samples Sent From: John A Selkirsky **Environmental Health Investigations, Inc.** 655 West Shore Trail Sparta, NJ 07871 Phone/Fax #: 973-729-5649	Samples Sent To: EMSL ANALYTICAL, INC. 307 WEST 38TH STREET NY, NY 10018 (212) 290-0051
EHI Project #: 0561-1998	Date Sent: 5/18/07 0307185939
Page 5 of 5	Courier: SELF

SAMPLE Identification	TYPE OF SAMPLE Field Sheets ATTACHED	SAMPLE VOL. or AREA	ANALYSIS REQUESTED
AHS051707-19	BULK- SEE ATTACHED Sheets	N/A	PLM
-19A	↓	↓	↓
-19B	↓	↓	↓

Sample Relinquished By: _____ Signature	Print Name: John A Selkirsky	Date: 5/17/07
Sample Received By: Vidia Lopez Signature	Print Name: Vidia Lopez SAMPLES ACCEPTED FOR ANALYSIS	Date: 5/18/07

TURNAROUND TIME:	☒ 5 Day	☐ 3 Day	☐ 24 Hour	☐ EMSL Immediate

Comments: STOP ANALYSIS FOR EACH SAMPLE SET w/ FIRST POSITIVE

Date Received: _____ Analyzed By: _____	Invoice To: EHI, Inc. 655 West Shore Trail Sparta, NJ 07871	Send Results To: X William S. Kerbel, CIH EHI, Inc. 655 West Shore Trail Sparta, NJ 07871 Phone/Fax: 973-729-5649	Fax To: X 973-599-9877 Email To: X ehi1@earthlink.net

EMSL MANHATTAN
RECEIVED

BULK SAMPLE DATA FORM

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.
655 WEST SHORE TRAIL
SPARTA, NJ 07871
PHONE: (973) 729-5649 FAX: (973)

04 MAY 18 AM 7:57

Client: OMNI **Project #:** 0561-1998

Location: 135 MAIN ST Poughkeepsie

0307159 23

Date Collected: 5/16/0

SAMPLES ACCEPTED
FOR ANALYSIS
Y EMSL

Collected By: JPY/JAS

Sample #	Type of Material	Location	Analysis Required PLM Only	Analysis Required NOB
AHS 051607-1	Sheetrock w/ SPACKLE	PENTHOUSE ELECTRICAL SWITCH ROOM OVER BEAM	X	
AHS 051607-2	Sheetrock Ceiling Tile	TOP OF STAIRWAY IN PENTHOUSE AT DOOR TO ROOF -OUTSIDE STOVE ROOM	X	
AHS 051607-2A	Sheetrock Ceiling Tile	TOP OF WEST STAIRWAY AT DOOR TO ROOF	X	
AHS 051607-1A	Sheetrock w/ SPACKLE	WALL IN Ceiling Plenum ABOVE HATCH DOOR IN HALL OUTSIDE APT 1201	X	
AHS 051607-3	1x1 Tan Floor Tile w/ Brown STREAKS + MASTIC	REFUSE CHUTE ROOM 12th Floor		X
AHS 051607-4	MASTIC ASSOCIATED W/ WALL COVE MOLDING	REFUSE CHUTE ROOM -12th Floor		X
AHS 051607-1B	Sheetrock w/ SPACKLE	WALL IN Ceiling Plenum ABOVE HATCH IN HALL OUTSIDE APT 1102	X	
AHS 051607-5	Window Caulking	OLD Caulking under window FRAME = OUTSIDE window FOR APT 1103		X
AHS 051607-4A	WALL COVE MOLDING MASTIC	WALL IN STAIRWELL 10th FLOOR		X
AHS 051607-5A	Window Caulking	OLD Caulking Under window FRAME = OUTSIDE window FOR APT 601		X
[redacted]				

EMSL MANHATTAN
RECEIVED

BULK SAMPLE DATA FORM

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.
655 WEST SHORE TRAIL
SPARTA, NJ 07871
PHONE: (973) 729-5649 FAX: (973) 729-5649

07 MAY 18 AM 7:57

Client: OMNI

Project #: 0561-1998

Location: 135 MAIN ST Poughkeepsie, NY

SAMPLES ACCEPTED
FOR ANALYSIS
Y EMSL

Date Collected: 5/16/07

Collected By: TAS/TPY

030715929

Sample #	Type of Material	Location	Analysis Required PLM Only	Analysis Required NOB
AHS 051607 -9	1x1 Floor Tile White w/ Grey Streaks	Inside Kitchen For Day Room - Ground Floor		X
AHS 051607 7B	Caulking/Insulation	Same As Sample 7 ⇒ 1st Floor Refuse Closet		X
AHS 051607 -10	4'x2' Ceiling Tile ⇒ Off White w/ Pinholes	Day Room ⇒ Ground Floor	X	
-10A	↓	Day Room Kitchen - Ground Floor	X	
-10B	↓	Day Room - Ground Floor	X	
AHS-051607 -11	4'x2' Ceiling Tile ⇒ White w/ Pinholes	Day Room - Ground Floor	X	
-11A	↓	↓	X	
-11B	↓	↓	X	
AHS 051607 -1C	Sheetrock w/ Spackle	Around Column ⇒ Near Wall of Day Room - Ground Floor in Ceiling Plenum	X	

BULK SAMPLE DATA FORM

EMSL MANHATTAN
RECEIVED

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.
655 WEST SHORE TRAIL
SPARTA, NJ 07871
PHONE: (973) 729-5649 FAX: (973) 729-5649

07 MAY 18 AM 7:57

Client: OMNI **Project #:** 0561-1998

Location: 135 MAIN STREET Poughkeepsie, NY

SAMPLES ACCEPTED
FOR ANALYSIS
Y EMSL 030715929

Date Collected: 5/17/07

Collected By: JPN / JAS

Sample #	Type of Material	Location	Analysis Required PLM Only	Analysis Required NOB
AHS 051707 -12	Fireproofing	On Horizontal Beam In Day Room MER Ground Floor	X	
AHS 051707 -13	4'x2' Ceiling Tile White w/ pinholes + Gouges	MAIN Corridor Between Rest Rooms => Ground Floor	X	
AHS 051707 -13A	4'x2' Ceiling Tile White w/ Pinholes + Gouges	Men's Rest Room Ground Floor	X	
AHS 051707 -2B	~~[illegible]~~ 2+2 White Sheetrock Ceiling Tile	Garbage Compactor Room - Ground Floor	X	
AHS 051707 -12A	Fireproofing	On Horizontal Beam In Electrical Meter Rm - Ground Floor	X	
AHS 051707 -13B	4'x2' Ceiling Tile w/ Pinholes + Gouges	MAIN Lobby outside Elevators in Ceiling Plenum Above Light Fixture	X	
AHS 051707 -1D	Sheetrock w/ Spackle	In Ceiling Plenum off Column in Corridor on Ground Floor outside Elevators	X	
AHS 051707 -14	Door Insulation Paper	In Door to Electrical Meter Rm Ground Floor	X	
AHS 051707 -15	Boiler Flue Insulation Top	Boiler Room From Flue off Boiler 2	X	
-15A	↓	Boiler Room From Flue off Boiler 1	X	
-15B	↓	↓	X	

EMSL MANHATTAN
RECEIVED

BULK SAMPLE DATA FORM

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.
655 WEST SHORE TRAIL
SPARTA, NJ 07871
PHONE: (973) 729-5649 FAX: (973) 729-5649

07 MAY 18 AM 7:58

Client: OMNI **Project #:** 0561-1998

030715929

Location: 135 Main St Poughkeepsie, NY

SAMPLES ACCEPTED
FOR ANALYSIS
Y EMSL

Date Collected: 5/17/07

Collected By: JBV/JAS

Sample #	Type of Material	Location	Analysis Required PLM Only	Analysis Required NOB
AHS 051707 -16	Pipe Elbow Joint Insulation -Cementitious	Boiler Room Pipe line By Pumps	X	
-16A	↓	↓	X	
-16B	↓	Boiler Room Pipe Line By Boiler 2	X	
AHS 051707 -17	Rope Gasket	On Front of Boiler 1	X	
-17A	↓	On Back of Boiler 1	X	
AHS 051707 -17B	↓	On Front of Boiler #2		
AHS 051707 -18	Boiler Flue Insulation -Bottom	Same As 15	X	
-18A	↓	Same As 15A	X	
-18B	↓	Same As 15B	X	
AHS 051707 -19	Sheetrock	Boiler Room Ceiling		
-19A	↓	↓		

BULK SAMPLE DATA FORM

EMSL MANHATTAN
RECEIVED

ENVIRONMENTAL HEALTH INVESTIGATIONS, INC.
655 WEST SHORE TRAIL
SPARTA, NJ 07871
PHONE: (973) 729-5649 FAX: (973) 729-5649

07 MAY 18 AM 7:58

Client: OMNI **Project #:** 0561-1118

Location: 135 MAIN ST Poughkeepsie NY

Date Collected: 5/17/07

Collected By: JDN/JAS

0307155929

SAMPLES ACCEPTED
FOR ANALYSIS
Y EMSL

Sample #	Type of Material	Location	Analysis Required PLM Only	Analysis Required NOB
AHS 051707 -19B	Sheet Rock	Boiler Room Ceiling	X	
AHS 051707 -16C	Cementitious Pipe Fittings Insulation	EAST MECHANICAL GROUND FLOOR	X	
AHS 051707 -12B	Fireproofing	Maintenance GARAGE GROUND FLOOR	X	
AHS 051707 -5C	Window Caulking	Window Bottom of Bay Front Facade		X

Central Hudson
Gas & Electric Corporation

Transmitted Via Email and Regular Mail

July 14, 2006

Gardiner Cross
Engineering Geologist 3
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

Re: Poughkeepsie Bayeaux Street Site

Dear Mr. Cross:

On May 17, 2006, Central Hudson Gas & Electric Corporation (Central Hudson) conducted a supplemental investigation at the former Bayeaux Street manufactured gas plant (MGP) site, in Poughkeepsie, New York. The additional investigation was conducted at the request of the New York State Department of Environmental Conservation (NYSDEC) and in accordance with the NYSDEC-approved work scope dated April 18, 2006 to supplement observations from previous investigations. Specifically, during the Phase II Investigation completed 1990, MGP-impacted soils and groundwater were not observed in five borings and four monitoring wells (Figure 1). The findings of the 1990 investigation were subsequently summarized in Phase II Investigation Report, Bayeaux Street Site dated August, 1990 (BBL).

The former Bayeaux Street MGP is located on the corner of Main Street and North Perry Street (formerly Bayeaux Street) in the City of Poughkeepsie, Dutchess County, New York. The site is currently occupied by the Admiral Halsey Senior Village and neighboring townhouses to the east.

The 2006 investigation consisted of the installation of five soil boring (BSB-06-6 through BSB-06-10, Figure 1) in and around former MGP structures at the site as follows:

- Two soil borings were installed on the northern perimeter of the site near former purifying structures (BSB-06-6 and BSB-06-7);
- One soil boring was installed within the former 50-foot diameter gas holder (BSB-06-8); and
- Two soil borings were installed within the former 90-foot diameter gas holder (BSB-06-9 and BSB-06-10).

Soil borings were advanced using a tractor-mounted push/percussion drill rig to depths ranging between 14.5 and 24 feet below ground surface (bgs). Soil samples were continuously collected using 4 foot Macro Core® sampling barrels with disposable PVC liners. Recovered soil samples were classified with respect to predominant soil types, moisture content, and the presence of any visual or olfactory impacts. Soils were continuously field screened using a photoionization detector (PID). Detailed descriptions of the soils encountered are contained in the attached boring logs.

284 South Avenue
Poughkeepsie, NY 12601

(845) 452-2000
www.CHEngergyGroup.com

The following table summarizes the field observations at each boring location. In addition, this summary table includes the 1990 boring observations.

Boring	*Boring Observations*	*Potential Impacts Observed*	*PID Readings*
MW-1	0-4 ft. – Sand and gravel fill (little brick/coal) 4-10 ft. – Sand 10-12 ft. Silt 12-18 ft. - Clay	None	2-4 ft. – 1.8 ppm 14-16 ft. – 1.8 ppm
MW-2	0-2 ft. Sand fill (some brick) 2-14 ft. Silt (sand and gravel lense at 8 ft.) 14 -18 ft. Sand and gravel 18-20 ft. Weathered bedrock	None	2-4 ft. – 0.2 ppm 4-6 ft. – 0.2 ppm 8-10 ft. – 0.1 ppm
MW-3	0-6 ft. – Sand and brick fill 6-14 ft. - Sand, Sand and gravel 14-15.5 ft. – Weathered bedrock	None	0-2 ft. – 0.9 ppm 2-4 ft. – 0.6 ppm 4-6 ft. – 0.8 ppm 8-10 ft. – 1.4 ppm 10-12 ft. – 0.4 ppm 12-14 ft. – 0.1 ppm
MW-4	0-8 ft. - Sand and brick fill 8-12 ft. – Sand 12-15 ft. – Gravel 15.5-16.5 ft. – Weathered bedrock	None	0-2 ft. – 0.2 ppm 2-4 ft. – 0.1 ppm
BB-5	0-14 ft. - Brick, ash, concrete fill 14-15.4 ft. - Silt	Staining 12 to 15 ft.	0-2 ft. – 1.1 ppm 2-4 ft. – 1.9 ppm 4-6 ft. – 1.7 ppm 10-12 ft. – 1.1 ppm 12-14 ft. – 1.6 ppm 14-15 ft. – 4.8 ppm
BSB-06-6	0-7 ft –Sand (trace cinders) 7-18 ft.- Silt and Sand	None	Non-detect
BSB-06-7	0-4 ft –Sand (trace cinders) 4-5 ft- Concrete 5-14.5 ft.- Silt	None	Non-detect
BSB-06-8	0-4 ft –Sand (little cinders/brick) 4-8 ft.-Cinders and brick 8-16.25 ft. – Cinders and slag 16.25 ft. Sand	Faint odor below 8.0 ft. bgs	9.0 ft. – 0.6ppm 10.0 ft. – 1.1ppm 11.0 ft. – 0.7ppm 14.0 ft. – 0.4ppm 16.4 ft. – 1.3ppm
BSB-06-9	0-4 ft –Sand and cinders 4-6 ft.- Silt and sand 6-16 ft. -Silt 16-19 ft. – Sand 19-21 ft. – Sand and gravel 21-24 ft. - Silt	None	Non-detect
BSB-06-10	0-1.5 ft. - Sand (little cinders/brick) 1.5-2 ft. - Concrete 2-5 ft. - Sand (little cinders/brick) 5-16 ft.- Silt	Faint odor from 12 to 16 ft. bgs	13.0 ft. – 1.7ppm 14.0 ft. – 4.3ppm 15.0 ft. – 1.8ppm

In summary, MGP related non-aqueous phase liquids (NAPLs) were not observed in the 2006 or the 1990 soil borings. The staining observed in 1990 soil boring BB-5 was not observed in 2006 soil boring BSB-06-8.

Furthermore, soils were recovered for observation in the 6 to 10 foot interval at boring BSB-06-8, located within the former 50-foot gas holder, and thus fill in the gap missing in the subsurface record for soil boring BB-5. As summarized above, NAPL- impacted soils were not observed at soil boring BSB-06-8.

Based on the 1990 Phase II Investigation and the 2006 supplemental investigation, Central Hudson requests that NYSDEC delist the former Bayeaux Street site from the Inactive Hazardous Waste Disposal Site Program Registry. Furthermore, Central Hudson requests NYSDEC approval to abandon monitoring wells MW-1 through MW-4. If you have any questions or comments regarding this letter report, please contact me at 845-486-5691.

Sincerely,

Central Hudson Gas & Electric Corporation

Nicholas Kowalczyk
Assistant Environmental Specialist
DAC

cc: Jeffrey Clock, CHGE
Dennis Harkawik, JFM
Nancy Gensky, BBL
David Cornell, BBL

LEGEND:

- HISTORICAL LOCATION
- MW-4 — OVERBURDEN MONITORING WELL LOCATION
- BB-5 — 1990 SOIL BORING LOCATION
- BSB-06-8 — 2006 SOIL BORING LOCATIONS

NOTES:

1. BASE MAP IS A DIGITAL COPY OF A NON-DIGITAL BBL FIGURE CREATED 6/5/90, WHOSE SOURCE IS UNKNOWN.
2. ALL LOCATIONS ARE APPROXIMATE.

0 60' 120'

GRAPHIC SCALE

CENTRAL HUDSON GAS & ELECTRIC CORP.
BAYEAUX STREET SITE
POUGHKEEPSIE, N.Y.

BAYEAUX STREET SITE

2006 BORING LOCATIONS

BBL an ARCADIS company

FIGURE 1

20530002/20530B01.DWG SAVED:6/30/2006 1:52 PM LAYOUT:Layout1 PAGESETUP:PAGESET/PLT-BL1 PENTABLE:PLTFULL.CTB PRINTED:6/30/2006 3:49 PM BY:6/30/06 SYR-85-RCB
PROJECTNAME:-----
XREFS: IMAGES:

Date Start/Finish: 5/17/06
Drilling Company: Parratt-Wolff
Driller's Name: Josh Ellingworth, Gary Ellingworth
Drilling Method: Geoprobe
Rig Type: Tractor-mounted Powerprobe
Sampling Method: Macrocore

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 18' bgs
Surface Elevation: NA

Descriptions By: David Cornell

Boring ID: **BSB-06-6**

Client: Central Hudson Gas & Electric

Location: Bayeaux Street
Poughkepsie, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 0	1	0-4	3.4	ND			Brown Silty fine to medium SAND, little fine to medium angular Gravel, trace Roots, non-plastic, moist.	
							Trace Cinders below 2.0' bgs.	Borehole backfilled with borehole suttings and bentonite to grade.
5 / -5	2	4-8	3.7	ND			Brown SILT and fine SAND, trace Clay and fine to medium Sand, non-plastic, wet.	
							Gray-brown fine to medium SAND, trace Roots, non-plastic, saturated.	
10 / -10	3	8-12	4.0	ND			Brown SILT and fine SAND, non-plastic, saturated.	
	4	12-16	3.0	ND			Fine to coarse sub-rounded Gravel below 14.0' bgs.	
15 / -15								

BBL® an ARCADIS company

Remarks: NA = Not Available/Not Applicable; ND = Not Detected; bgs = below ground surface.

Client:
Central Hudson Gas & Electric

Site Location:
Bayeaux Street
Poughkepsie, New York

Boring ID: BSB-06-6

Borehole Depth: 18' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytcal Sample	Geologic Column	Stratigraphic Description	Boring Construction
	5	16-18	2.0	ND			Brown Silty fine SAND, non-plastic, wet. Brown SILT, some inter-bedded fine to coarse Gravel, trace fine Sand and Clay. (Possible Till)	Borehole backfilled with borehole suttings and bentonite to grade.
20-20								
25-25								
30-30								
35-35								

Remarks: NA = Not Available/Not Applicable; ND = Not Detected; bgs = below ground surface.

BBL® an ARCADIS company

Project: 205.30.002 Template: j:\rockware\logplot2001\logfiles\20530\geoprobe2006.ldf
Data File: BSB-06-06.dat Date: 5/22/06

Date Start/Finish: 5/17/06
Drilling Company: Parratt-Wolff
Driller's Name: Josh Ellingworth, Gary Ellingworth
Drilling Method: Geoprobe
Rig Type: Tractor-mounted Powerprobe
Sampling Method: Macrocore

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 14.5' bgs
Surface Elevation: NA

Descriptions By: David Cornell

Boring ID: **BSB-06-7**

Client: Central Hudson Gas & Electric

Location: Bayeaux Street
Poughkepsie, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 0	1	0-4	3.7	ND			Brown Silty fine to medium SAND, little fine to coarse sub-angular Gravel, non-plastic, moist. Trace Cinders below 1.2' bgs.	Borehole backfilled with borehole suttings and bentonite to grade.
5 / -5	2	4-8	3.4	ND			Gray CONCRETE fragments. (Possible Slab) Orange-brown medium to coarse SAND, little fine to coarse angular Gravel and fine Sand, non-plastic, saturated. Gray-brown fine Sandy SILT inter-bedded with Silty CLAY, moderately to non-plastic, saturated.	
10 / -10	3	8-12	4.0	ND			Brown SILT, some inter-bedded gray fine to coarse sub-rounded Gravel, trace Clay and fine Sand, non-plastic, dense, wet. (Possible Till)	
	4	12-14.5	2.5	ND			Slightly coarser-grained matrix with depth below 12' bgs.	
15 / -15								

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Remarks: NA = Not Available/Not Applicable; ND = Not Detected; bgs = below ground surface.

Project: 205.30.002 Template: j:\rockware\logplot2001\logfiles\20530\geoprobe2006.ldf
Data File: BSB-06-7.dat Date: 5/22/06

Date Start/Finish: 5/17/06
Drilling Company: Parratt-Wolff
Driller's Name: Josh Ellingworth, Gary Ellingworth
Drilling Method: Geoprobe
Rig Type: Tractor-mounted Powerprobe
Sampling Method: Macrocore

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 16.5' bgs
Surface Elevation: NA

Descriptions By: David Cornell

Boring ID: **BSB-06-8**

Client: Central Hudson Gas & Electric

Location: Bayeaux Street
Poughkepsie, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 — 0	1	0-4	3.5	ND			Brown Silty fine SAND, little fine to coarse sub-angular Gravel, little Brick and Cinders, non-plastic, moist. (Fill)	
							Dark gray color below 2.2' bgs.	
							Wet below 3.2' bgs.	Borehole backfilled with borehole suttings and bentonite to grade.
5 — -5	2	4-8	2.7	ND			Dark gray to black CINDERS and BRICK fragments, some Wood, trace Slag and Ash-like material, non-plastic, saturated.	
10 — -10	3	8-12	3.0	0.6 1.1 0.7			Dark gray black CINDERS and SLAG, trace Wood, Brick fragments, Silt and fine Sand, faint odor, non-plastic, saturated.	
	4	12-16	3.2	ND 0.4			Gray Silty CLAY, plastic, soft, saturated.	
15 — -15				15			Dark gray-black CINDERS and SLAG, non-plastic, saturated.	

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Project: 205.30.002 Template: j:\rockware\logplot2001\logfiles\20530\geoprobe2006.ldf
Data File: BSB-06-8.dat Date: 5/22/06

Client:
Central Hudson Gas & Electric

Site Location:
Bayeaux Street
Poughkepsie, New York

Boring ID: BSB-06-8

Borehole Depth: 16.5' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytcal Sample	Geologic Column	Stratigraphic Description	Boring Construction
	5	16-16.5	0.5	1.3			Dark gray-black CINDERS and SLAG, trace Brick, Glass, and Wood, non-plastic, saturated.	Borehole backfilled with borehole suttings and bentonite to grade.
							Brown Silty fine SAND, trace fine Gravel, trace Concrete Chip in shoe, faint odor, non-plastic, dense, saturated.	
20-20								
25-25								
30-30								
35-35								

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Remarks: NA = Not Available/Not Applicable; ND = Not Detected; bgs = below ground surface.

Project: 205.30.002 Template: j:\rockware\logplot2001\logfiles\20530\geoprobe2006.ldf *Page: 2 of 2*
Data File:BSB-06-8.dat Date: 5/22/06

Date Start/Finish: 5/17/06
Drilling Company: Parratt-Wolff
Driller's Name: Josh Ellingworth, Gary Ellingworth
Drilling Method: Geoprobe
Rig Type: Tractor-mounted Powerprobe
Sampling Method: Macrocore

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 24' bgs
Surface Elevation: NA

Descriptions By: David Cornell

Boring ID: **BSB-06-9**

Client: Central Hudson Gas & Electric

Location: Bayeaux Street
Poughkepsie, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 0	1	0-4	4.0	ND			Brown-black fine SAND and CINDERS, little Silt, trace medium Sand, Slag and fine to coarse angular Gravel, trace Brick, non-plastic, moist. (Fill)	Borehole backfilled with borehole suttings and bentonite to grade.
							Gray brown SILT, little fine Sand, non-plastic, saturated.	
5 / -5	2	4-8	3.8	ND			Brown SILT and fine SAND, some fine to coarse angular Gravel, trace Brick and Cinders, non-plastic, moist to wet.	
							Gray SILT, trace fine Sand, trace Clay, non-plastic, saturated.	
10 / -10	3	8-12	3.1	ND				
	4	12-16	4.0	ND				
15 / -15							Gray Silty fine SAND, some multi-colored fine to coarse sub-rounded Gravel, trace medium Sand, non-plastic, saturated.	

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Project: 205.30.002 Template: j:\rockware\logplot2001\logfiles\20530\geoprobe2006.ldf
Data File: BSB-06-9.dat Date: 5/22/06

Client:
Central Hudson Gas & Electric

Site Location:
Bayeaux Street
Poughkepsie, New York

Boring ID: BSB-06-9

Borehole Depth: 24' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytcal Sample	Geologic Column	Stratigraphic Description	Boring Construction
	5	16-20	3.8	ND			Gray Silty fine SAND, some multi-colored fine to coarse sub-rounded Gravel, trace medium Sand, non-plastic, saturated.	Borehole backfilled with borehole suttings and bentonite to grade.
20-20							Dark gray medium to coarse SAND and fine to coarse sub-rounded GRAVEL, non-plastic, saturated.	
	6	20-24	4.0	ND			Gray SILT, little Clay, trace fine Sand, non-plastic, saturated.	
25-25								
30-30								
35-35								

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Remarks: NA = Not Available/Not Applicable; ND = Not Detected; bgs = below ground surface.

Project: 205.30.002 Template: j:\rockware\logplot2001\logfiles\20530\geoprobe2006.ldf
Data File:BSB-06-9.dat Date: 5/22/06

Date Start/Finish: 5/17/06
Drilling Company: Parratt-Wolff
Driller's Name: Josh Ellingworth, Gary Ellingworth
Drilling Method: Geoprobe
Rig Type: Tractor-mounted Powerprobe
Sampling Method: Macrocore

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 16' bgs
Surface Elevation: NA

Descriptions By: David Cornell

Boring ID: **BSB-06-10**

Client: Central Hudson Gas & Electric

Location: Bayeaux Street
Poughkepsie, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 0								
	1	0-4	3.6	ND			Brown Silty fine to medium SAND, little fine to coarse angular Gravel, trace Roots, little Brick and Cinders below 0.5' bgs, non-plastic, moist.	
							Weathered CONCRETE. (Possible Slab)	
							Brown fine to medium SAND, little Silt and fine to coarse angular Gravel, trace Brick and Cinders, non-plastic, moist to wet.	Borehole backfilled with borehole suttings and bentonite to grade.
5 / -5	2	4-8	4.0	ND			Gray SILT, little fine Sand, trace Clay, non-plastic, saturated.	
10 / -10	3	8-12	3.7	ND				
							Gray SILT, trace Clay and fine Sand, faint odor, non-plastic, saturated.	
	4	12-16	4.0	ND 1.7 4.3				
15 / -15								

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Remarks: NA = Not Available/Not Applicable; ND = Not Detected; bgs = below ground surface.

Project: 205.30.002 Template: j:\rockware\logplot2001\logfiles\20530\geoprobe2006.ldf *Page: 1 of 1*
Data File: BSB-06-10.dat Date: 5/22/06

Admiral William F. Halsey
Senior Village
135 Main Street
Poughkeepsie, NY

SOIL & GROUND WATER CONTAMINATION

HEALTH & SAFETY PLAN

Developed By:
Environmental Health Investigations, Inc.
655 West Shore Trail
Sparta, NJ 07871

On Behalf Of:

Admiral Halsey, LP
C/o Omni New York, LLC
884 Second Avenue
31st Floor, Suite C
New York, NY 10017

Alliant Credit Facility, Ltd ISAOA
Alliant Credit Facility, ALP, LLC ISAOA
1600 Oxnard Street, Suite 1200
Woodland Hills, CA 91367

New York State Housing Finance Agency
641 Lexington Avenue, 4th Floor
New York, NY 10022

Citigroup
Citibank, NA
One Court Square
45 Floor, Zone 12
Long Island City, NY 11120

1. INTRODUCTION

This Health and Safety Plan establishes the policy for managing potential exposures to chemicals which exist in low concentrations within the soil and ground water associated with the Admiral William F. Halsey Senior Village property located at 135 Main Street in Poughkeepsie, New York. The specific intent of this program is to protect the health of occupants, visitors, custodial and maintenance personnel while they are on the property as well as any contractor or other entity that needs or is assigned to disturb the soil and/or ground water on this property. This program is designed to (1) prevent exposure to the existing soil and ground water for said persons; (2) provide means by which to prevent the migration of these contaminants; (3) provide a description of standard operating procedures to mitigate exposure for those persons who must disturb the soil and/or ground water; and (4) provide standard procedures regarding the monitoring of site conditions and exposure of those persons involved in soil and/or ground water disturbance. This plan will be in effect until it can be shown that all soil and ground water contamination has been eradicated.

This program shall go into effect upon acquisition of the property by Admiral Halsey, LP. The presence of contaminants in the soil and ground water on the property does not mean that the health of occupants in endangered. The levels of contamination found are low and potential health effects will only occur with direct exposure. Such exposures are not likely given the normal activities connected with the properties current use. However, some extraordinary activities, e.g., soil excavation, may cause persons to come in contact with and become exposed to the existing contaminants. By complying with all provisions of this Health & Safety plan, occupants will be assuring a safe building environment.

2. PROGRAM RESPONSIBILITIES

2.1 H&S Plan Coordinator

The Coordinator of this H&S Plan for Admiral Halsey Senior Housing Complex is Ms. Sue Kimmerle. The H&S Plan Coordinator can be reached at 845-626-9788. After normal business hours, or in the event of an emergency, contact Ms. Sue Kimmerle at 845-471-8194 or Mr. Paul Pancio at 845-625-8194. Responsibilities of the H&S Plan Coordinator are as follows:

1. Inform and respond to tenant, employee and contractor inquiries regarding the presence of soil and ground water contaminants.

2. Maintain records associated with this plan. These may include, but are not limited to, soil and ground water sampling data, records for personal exposure monitoring, manifests for soil and/or ground water disposal, and periodic surveillance data.

3. Coordinate activities and operations involving the disturbance of the property's sub-surface and/or ground water as required. Including assurance of use of proper protective equipment (PPE) by workers who may become exposed to contaminants, the provision of exposure monitoring to ensure the proper PPE is used and the proper decontamination of workers and used equipment that come into contact with contaminated soil and/or ground water.

4. Obtain and maintain all required permits and make all necessary notifications involving all interested local, state and federal agencies regarding the disturbance and possible storage or disposal of contaminated soil and/or ground water.

5. Coordinate for the characterization and proper storage and/or disposal of disturbed soils and/or ground water and keep and maintain all pertaining records, e.g., waste manifests.

4. Arrange and coordinate for the availability and provision of medical and emergency services as required.

3. INVENTORY OF SOIL & GROUND WATER CONTAMINATES ON THE PROPERTY

A Phase II investigation performed by Hillman Environmental Group, LLC in May 2007 included the collection and analysis of soil bore samples and ground water samples. The results of these analyses show that the soil and ground water appear to contain low levels of contamination by heavy metal and semi-volatile organic compounds most likely resulting from past operations, i.e. a coal gasification facility, conducted on this site and/or nearby sites. Provided below is a description of the chemical contaminates found and a description of their properties and established exposure limits. The OSHA permissible exposure limits represent the amount of a given chemical a worker can be exposed to within an eight hour time period as a time weighted average (TWA). The established Immediately Dangerous to Life and Health (IDLH) level for each chemical is also provided. This concentration represents the levels at which worker exposure can cause immediate mortality or severe health effects. The IDLH acts as a measure of a chemical's toxicity. The lower the IDLH concentration the more toxic the chemical. The information provided in this summary was collected utilizing the NIOSH Pocket Guide to Chemical Hazards (NIOSH Publication No. 2005-151) or available Material Safety Data Sheets (MSDS). The chemicals listed are those identified in the Phase II report which exceed the cleanup objectives promulgated under the NYDEC's *Technical and Administrative Guidance , 1994* (TAGM 4046) and referenced in the Phase II report.

Chemical Name	Acetone (Soil)
OSHA PEL IDLH	1000 ppm TWA 2500 ppm
Exposure Routes	inhalation, ingestion, skin and/or eye contact
Incompatibilities & Reactivities	Oxidizers, Acids
Target Organs	Eyes, skin, respiratory system, central nervous system
Symptoms	Irritation eyes, nose, throat; headache, dizziness, central nervous system depression; dermatitis
PPE	Level D
First Aid	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Chemical Name	Arsenic (Soil & Ground Water)
OSHA PEL IDLH	0.010 mg/m^3 TWA 5.0 mg/m^3
Exposure Routes	Inhalation, Skin Absorption, Skin &/or Eye Contact
Incompatibilities & Reactivities	Strong Oxidizers, Bromide azide, Hydrogen gas can react w/ inorganic Arsenic to form highly toxic Arsine gas
Target Organs	Liver, Kidneys, Skin, Lungs, Lymphatic System Possible Carcinogen - Lungs & Lymphatic System
Symptoms	Ulceration of nasal septum, dermatitis, gastrointestinal disturbances, peripheral neuropathy, respiratory irritation, hyperpigmentation of skin, [potential occupational carcinogen]
PPE	Level D
First Aid	Wash Skin w/ Soapy Water & Irrigate Eyes on Contact If Swallowed Seek Immediate Medical Attention Respiratory Support for Breathing

Chemical Name	**Beryllium (Soil & Ground Water)**
OSHA PEL **IDLH**	**0.002 mg/m^3 TWA; 0.005 mg/m^3 Ceiling** **4 mg/m^3**
Exposure Routes	**Inhalation, Skin &/or Eye Contact**
Incompatibilities & Reactivities	**Acids, Caustics, Chlorinated Hydrocarbons, Oxidizers, Molten Lithium**
Target Organs	**Eyes, Skin, Lungs, Respiratory System** **Possible Carcinogen - Lungs**
Symptoms	**Berylliosis (Chronic Exposure), Eye Irritation, Dermatitis**
PPE	**Level D**
First Aid	**Wash Skin w/ Soapy Water & Irrigate Eyes on Contact** **Breathing - Fresh Air**

Chemical Name	**2-Butanone (MEK) (Soil)**
OSHA PEL **IDLH**	**200 ppm TWA** **3000 ppm**
Exposure Routes	**inhalation, ingestion, skin and/or eye contact**
Incompatibilities & Reactivities	**Strong oxidizers, amines, ammonia, inorganic acids, caustics, isocyanates, pyridines**
Target Organs	**Respiratory System, Eyes, Skin, Central Nervous System**
Symptoms	**Irritation eyes, skin, nose; headache; dizziness; vomiting; dermatitis**
PPE	**Level D**
First Aid	**Eye: Irrigate immediately** **Skin: Water wash immediately** **Breathing: Fresh air** **Swallow: Medical attention immediately**

Chemical Name	Cadmium (Ground Water)
OSHA PEL IDLH	0.005 mg/m^3 TWA 9 mg/m^3
Exposure Routes	Inhalation, Ingestion
Incompatibilities & Reactivities	Strong Oxidizers, Elemental Sulfur, Selenium, Tellurium
Target Organs	Respiratory System, Kidney, Prostate, Blood Possible Carcinogen - Prostate, Lungs
Symptoms	Pulmonary edema, dyspnea (breathing difficulty), cough, chest tightness, substernal (occurring beneath the sternum) pain; headache; chills, muscle aches; nausea, vomiting, diarrhea; anosmia (loss of the sense of smell), emphysema, proteinuria, mild anemia; [potential occupational carcinogen]
PPE	Level D
First Aid	Wash Skin w/ Soapy Water & Irrigate Eyes on Contact If Swallowed Seek Immediate Medical Attention Respiratory Support for Breathing

Chemical Name	Chromium (Soil & Ground Water)
OSHA PEL IDLH	1.0 mg/m^3 TWA 250 mg/m^3
Exposure Routes	Inhalation, Ingestion, Skin &/or Eye Contact
Incompatibilities & Reactivities	Strong Oxidizers, Alkalis
Target Organs	Respiratory System, Eyes, Skin
Symptoms	Irritation eyes, skin; lung fibrosis (histologic)
PPE	Level D
First Aid	Wash Skin w/ Soapy Water & Irrigate Eyes on Contact If Swallowed Seek Immediate Medical Attention Respiratory Support for Breathing

Chemical Name	Copper (Soil & Ground Water)
OSHA PEL IDLH	1.0 mg/m^3 TWA 100 mg/m^3
Exposure Routes	Inhalation, Ingestion, Skin &/or Eye Contact
Incompatibilities & Reactivities	Oxidizers, Alkalis, Sodium azide, Acetylene
Target Organs	Respiratory System, Eyes, Skin, Liver, Kidneys (increased risk of Wilson's Disease)
Symptoms	Irritation eyes, respiratory system; cough, dyspnea (breathing difficulty), wheezing; [potential occupational carcinogen]
PPE	Level D
First Aid	Wash Skin w/ Soapy Water & Irrigate Eyes on Contact If Swallowed Seek Immediate Medical Attention Respiratory Support for Breathing

Chemical Name	Lead (Soil & Ground Water)
OSHA PEL IDLH	1.0 mg/m^3 TWA 100 mg/m^3
Exposure Routes	Inhalation, Ingestion, Skin &/or Eye Contact
Incompatibilities & Reactivities	Oxidizers, Alkalis, Sodium azide, Acetylene
Target Organs	Respiratory System, Eyes, Skin, Liver, Kidneys (increased risk of Wilson's Disease)
Symptoms	Irritation eyes, respiratory system; cough, dyspnea (breathing difficulty), wheezing; [potential occupational carcinogen]
PPE	Level D
First Aid	Wash Skin w/ Soapy Water & Irrigate Eyes on Contact If Swallowed Seek Immediate Medical Attention Respiratory Support for Breathing

Chemical Name	**Mercury (Soil & Ground Water)**
OSHA PEL **IDLH**	**0.05 mg/m^3 TWA. 0.1 mg/m^3 Ceiling** **10 mg/m^3**
Exposure Routes	**Inhalation, Skin Absorption, Ingestion, Skin &/or Eye Contact**
Incompatibilities & Reactivities	**Acetylene, ammonia, chlorine dioxide, azides, calcium (amalgam formation), sodium carbide, lithium, rubidium, copper**
Target Organs	**Respiratory System, Eyes, Skin, Central Nervous System, Kidneys**
Symptoms	**Irritation eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria**
PPE	**Level D**
First Aid	**Wash Skin w/ Soapy Water & Irrigate Eyes on Contact** **If Swallowed Seek Immediate Medical Attention** **Respiratory Support for Breathing**

Chemical Name	**Nickle (Soil & Ground Water)**
OSHA PEL **IDLH**	**1 mg/m^3 TWA** **10 mg/m^3**
Exposure Routes	**inhalation, ingestion, skin and/or eye contact**
Incompatibilities & Reactivities	**Strong acids, sulfur, selenium, wood & other combustibles, nickel nitrate**
Target Organs	**Respiratory System, Eyes, Skin, Central Nervous System, Kidneys - Possible Carcinogen - Lung & Nasal**
Symptoms	**Sensitization dermatitis, allergic asthma, pneumonitis; [potential occupational carcinogen]**
PPE	**Level D**
First Aid	**Water Flush Immediately** **If Swallowed Seek Immediate Medical Attention** **Respiratory Support for Breathing**

Chemical Name	**Selenium (Soil & Ground Water)**
OSHA PEL **IDLH**	**0.2 mg/m^3 TWA. 0.1 mg/m^3 Ceiling** **1 mg/m^3**
Exposure Routes	**inhalation, ingestion, skin and/or eye contact**
Incompatibilities & Reactivities	**Acids, strong oxidizers, chromium trioxide, potassium bromate, cadmium**
Target Organs	**Eyes, skin, respiratory system, liver, kidneys, blood, spleen**
Symptoms	**Irritation eyes, skin, nose, throat; visual disturbance; headache; chills, fever; dyspnea (breathing difficulty), bronchitis; metallic taste, garlic breath, gastrointestinal disturbance; dermatitis; eye, skin burns; in animals: anemia; liver necrosis, cirrhosis; kidney, spleen damage**
PPE	**Level D**
First Aid	**Eye: Irrigate immediately** **Skin: Soap wash immediately** **Breathing: Respiratory support** **Swallow: Medical attention immediately**

Chemical Name	**Zinc (Soil & Ground Water)**
OSHA PEL **IDLH**	**OSHA PEL†: TWA 5 mg/m^3 (fume) TWA 15 mg/m^3 (total dust) TWA 5 mg/m^3 (resp dust)** **500 mg/m^3**
Exposure Routes	**inhalation, ingestion, skin and/or eye contact**
Incompatibilities & Reactivities	**Chlorinated rubber (at 419°F), water [Note: Slowly decomposed by water.]**
Target Organs	**Respiratory system**
Symptoms	**Metal fume fever: chills, muscle ache, nausea, fever, dry throat, cough; lassitude (weakness, exhaustion); metallic taste; headache; blurred vision; low back pain; vomiting; malaise (vague feeling of discomfort); chest tightness; dyspnea (breathing difficulty), rales, decreased pulmonary function**
PPE	**Level D**
First Aid	**Breathing: Respiratory support**

Chemical Name	Benzo(a)nthracene (Soil & Ground Water)
OSHA PEL IDLH	Not Available Not Available
Exposure Routes	inhalation, ingestion, skin and/or eye contact
Incompatibilities & Reactivities	Not Available
Target Organs	Not Available - Possible Carcinogen
Symptoms	Not Available
PPE	Level D
First Aid	Breathing: Fresh air, rest. Skin: Remove contaminated clothes. Rinse and then wash skin with water Eyes: First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to Ingestion: Rinse mouth.

Chemical Name	Benzo(a)pyrene as Pyrene (Soil & Ground Water)
OSHA PEL IDLH	0.2 mg/m^3 TWA. 0.1 mg/m^3 Ceiling 80 mg/m^3
Exposure Routes	inhalation, skin and/or eye contact
Incompatibilities & Reactivities	Strong oxidizers
Target Organs	skin, respiratory system, liver, kidneys
Symptoms	Dermatitis, bronchitis, [potential occupational carcinogen]
PPE	Level D
First Aid	Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Chemical Name	**Chrysene (Soil & Ground Water)**
OSHA PEL **IDLH**	**0.2 mg/m^3 TWA. 0.1 mg/m^3 Ceiling** **80 mg/m^3**
Exposure Routes	**inhalation, skin and/or eye contact**
Incompatibilities & Reactivities	**Strong oxidizers**
Target Organs	**skin, respiratory system, liver, kidneys**
Symptoms	**Dermatitis, bronchitis, [potential occupational carcinogen]**
PPE	**Level D**
First Aid	**Eye: Irrigate immediately** **Skin: Soap wash immediately** **Breathing: Respiratory support** **Swallow: Medical attention immediately**

Chemical Name	**Indeno(1,2,3-cd))pyrene as Pyrene (Ground Water)**
OSHA PEL **IDLH**	**0.2 mg/m^3 TWA. 0.1 mg/m^3 Ceiling** **80 mg/m^3**
Exposure Routes	**inhalation, skin and/or eye contact**
Incompatibilities & Reactivities	**Strong oxidizers**
Target Organs	**skin, respiratory system, liver, kidneys**
Symptoms	**Dermatitis, bronchitis, [potential occupational carcinogen]**
PPE	**Level D**
First Aid	**Eye: Irrigate immediately** **Skin: Soap wash immediately** **Breathing: Respiratory support** **Swallow: Medical attention immediately**

Exact information pertaining to the characteristics of and exposure limits for the following chemicals could not be found: benzo(b)fluoranthene, benzo(k)fluoranthene and dibenzo(a,h)anthracene.

4. Operational Procedures

These procedures are to be employed concerning any action that may cause the disturbance of the sub-surface of the property and/or ground water and may possibly cause residents, employees, contractors, etc. to come in contact with the same.

1. The effected workers, contractors, residents, etc. shall be informed of the presence of possibly contaminated soil and ground water. They are to be informed about precautions, including the use of PPE, to be used to prevent contact with and exposure to any potentially contaminated soil and/or ground water. The minimum level of PPE used should be Level D protection. This would include the wearing of dedicated work clothing that covers the whole body, dedicated work shoes or the wearing of boots that can be washed clean, gloves, safety glasses and hard hat. It is also important that safety precautions associated with the use of any tools or machinery be strictly adhered to.

2. The area (zone) in which any drilling, digging, excavating and any other sub-surface work is to be performed should be demarcated and secured so as only those authorized and properly protected may enter. This may include the erection of fencing or barricades around the perimeter of the work zone and/or the use of security personnel.

3. In order to mitigate possible exposure all excavation, digging, drilling, etc. of soil should be accompanied by measures for dust suppression. This would include the application of water to the soil during the conduct of these tasks so as to significantly lessen the probability the soil would become airborne and create breathable dust.

4. All excavated or removed soil or groundwater should be collected and stored in a designated area within the secured work zone. This may entail the collection and storage of ground water in drums. When active work is not being conducted any collected soil should be covered, e.g., by tarping, and measures should be taken to ensure that run-off and erosion of the collected soil does not take place. This could include the placement of a barrier, e.g., hay bales, around the base of the collected soil.

5. Measures would need to be taken to ensure that disturbed soil is not transferred outside the secured work zone. This would include the establishment of a equipment wash area in which any machinery , tools and soil apparel, e.g. dirt work boots, be cleaned of soil that may become attached to them. Water used to cleanse the soiled machinery, tools, equipment, etc. should be collected and drummed until a determination can be made whether it should be disposed of as contaminated or not.

6. Any soil and/or groundwater to be taken out of the secured work zone should first be categorized by a qualified entity to determine whether the soil and/or groundwater being removed would need to be transported and disposed of as a hazardous material. If so categorized, the soil and/or ground water must be packaged, transported and disposed of in accordance with all applicable local, state and federal regulations. It would be the responsibility of the H&S coordinator to ensure that all necessary notifications are completed and all pertinent records, e.g., waste manifests, are obtained and properly filed.

7. It is imperative that the safety of all workers involved in the conduct of work that will cause the disturbance of the soil subsurface and/or groundwater at this site be protected. This would include that the appropriate PPE is used and that all safety measures involving all potential physical and environmental hazards be provided for and adhered to. Included in this would be protection from extremes in weather conditions. Provisions should be made to protect the workers from exposure to harmfully cold temperatures and from the advent of heat stress or stroke.

8. An emergency response program should be instituted and maintained. This would include making all necessary coordinations with local emergency response departments and the provision of timely medical care. A buddy system should be in place so that if a worker is injured or infirmed, aid can be quickly provided. The phone number for, and a route to, the nearest hospital emergency room should be made available to the effected workers and conspicuously posted at the work site.

9. To help ensure that the possibility of exposure to workers is removed, no smoking, eating, or drinking is to be allowed in the work zone. The workers should smoke, eat and drink only in dedicated areas away from the work zone. Provision of a means by which the workers may clean themselves when exiting the work zone should be made. Also a dedicated rest room to be used only by the workers should be provided.

10. Until final categorization of any disturbed soil and/or groundwater is made, all used, soiled or wetted clothing worn by the workers should not be taken off site. If the disturbed soil and/or groundwater and, thereby, the used clothing is deemed contaminated, the clothing is to be collected and disposed of with the soil and/or groundwater. The workers should be provided an area in which they may make a change between work and street clothing at the start and the end of each work shift.

11. It is recommended that personal monitoring of the workers be conducted by a qualified entity in order to provide a worker exposure assessment and to ensure the proper PPE is being employed.

APPENDIX D

HISTORICAL RECORDS DOCUMENTATION

135 Main Street

135 Main Street

Poughkeepsie, NY 12601

Inquiry Number: 6901589.4

March 16, 2022

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/16/22

Site Name:

135 Main Street
135 Main Street
Poughkeepsie, NY 12601
EDR Inquiry # 6901589.4

Client Name:

Hillmann Environmental Co.
1600 Route 22 East
Union, NJ 07083
Contact: Joanne Bedkowski

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Hillmann Environmental Co. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# Z34899.0000
Project: Z34899

Coordinates:

Latitude:	41.705876 41° 42' 21" North
Longitude:	-73.933441 -73° 56' 0" West
UTM Zone:	Zone 18 North
UTM X Meters:	588736.07
UTM Y Meters:	4617670.33
Elevation:	116.84' above sea level

Maps Provided:

2019	1936
2016	1903
2013	1894
1995	1893
1982	
1957	
1947	
1943	

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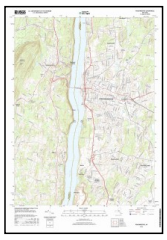
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2019 Source Sheets

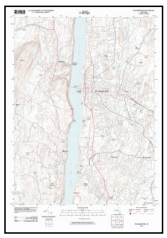
Poughkeepsie
2019
7.5-minute, 24000

2016 Source Sheets



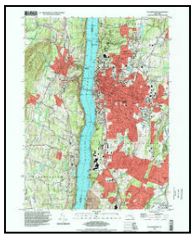
Poughkeepsie
2016
7.5-minute, 24000

2013 Source Sheets



Poughkeepsie
2013
7.5-minute, 24000

1995 Source Sheets



Poughkeepsie
1995
7.5-minute, 24000
Aerial Photo Revised 1995

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1982 Source Sheets

Poughkeepsie
1982
7.5-minute, 24000
Aerial Photo Revised 1980

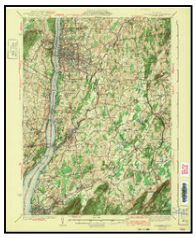
1957 Source Sheets

Poughkeepsie
1957
7.5-minute, 24000
Aerial Photo Revised 1955

1947 Source Sheets

POUGHKEEPSIE
1947
15-minute, 50000

1943 Source Sheets



Poughkeepsie
1943
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1936 Source Sheets

Poughkeepsie
1936
15-minute, 48000

1903 Source Sheets

Poughkeepsie
1903
15-minute, 62500

1894 Source Sheets

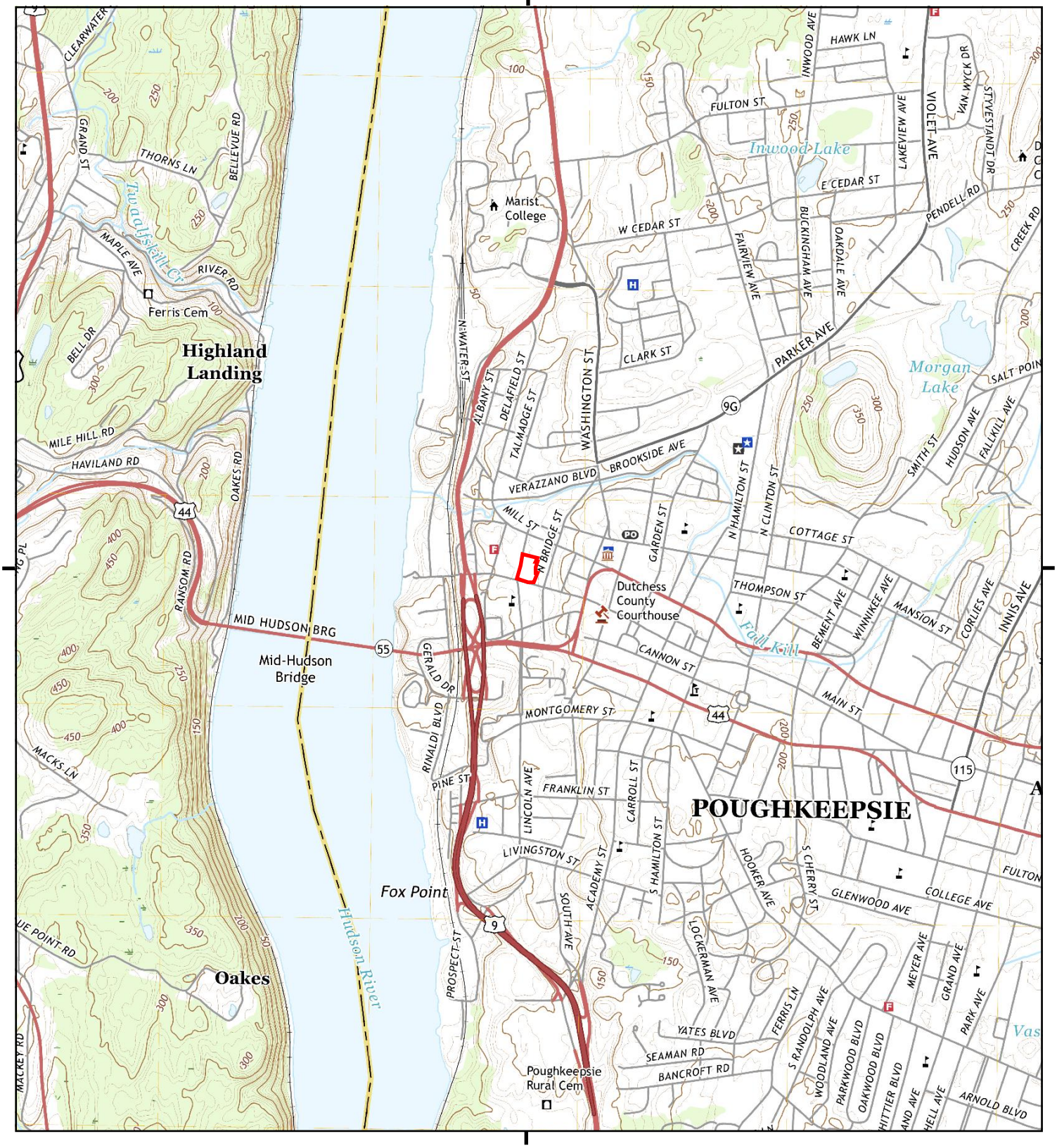
Poughkeepsie
1894
15-minute, 62500

1893 Source Sheets

Poughkeepsie
1893
15-minute, 62500

Historical Topo Map

2019



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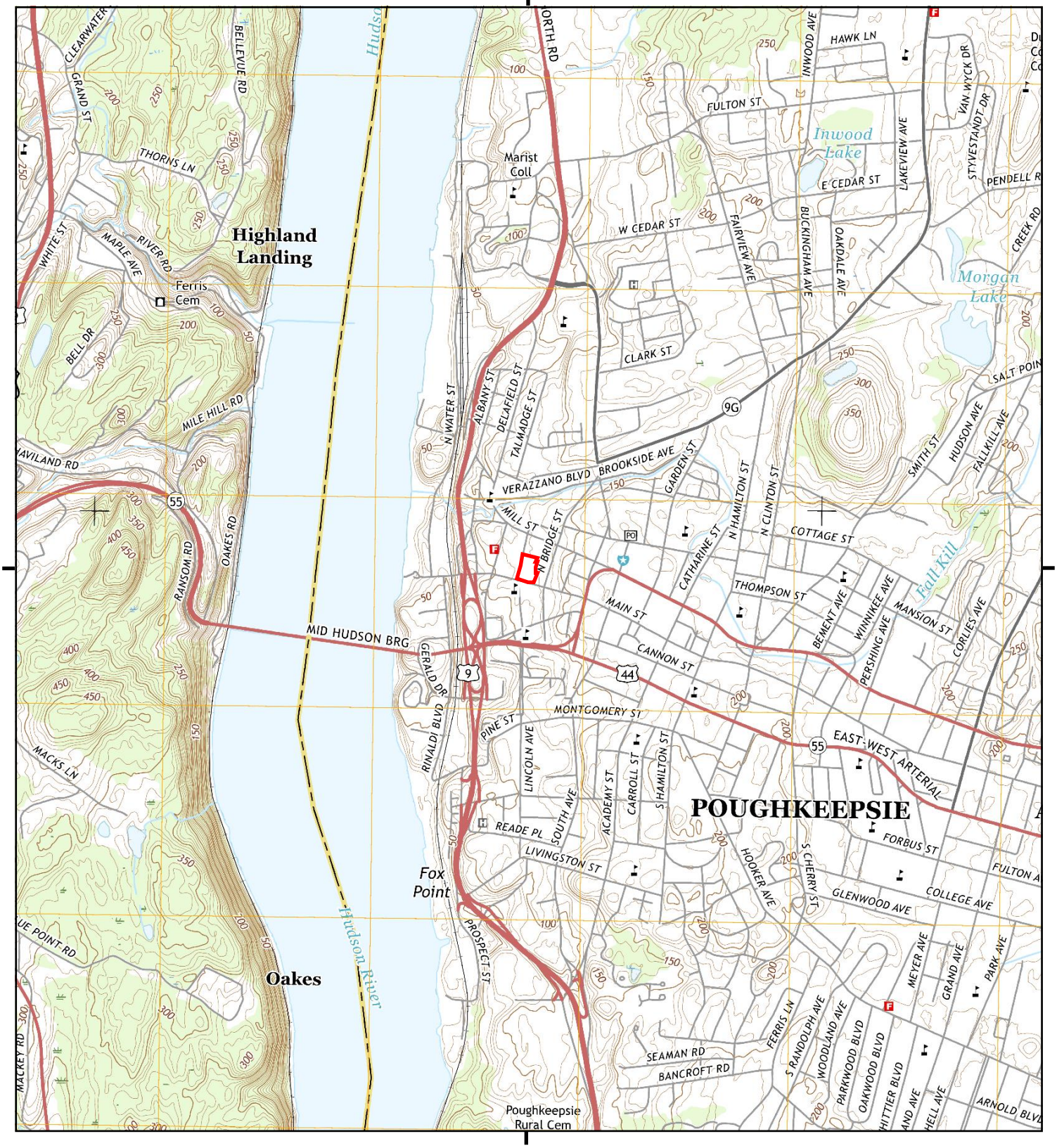
NW N NE
W E
SW S SE

TP, Poughkeepsie, 2019, 7.5-minute

SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N



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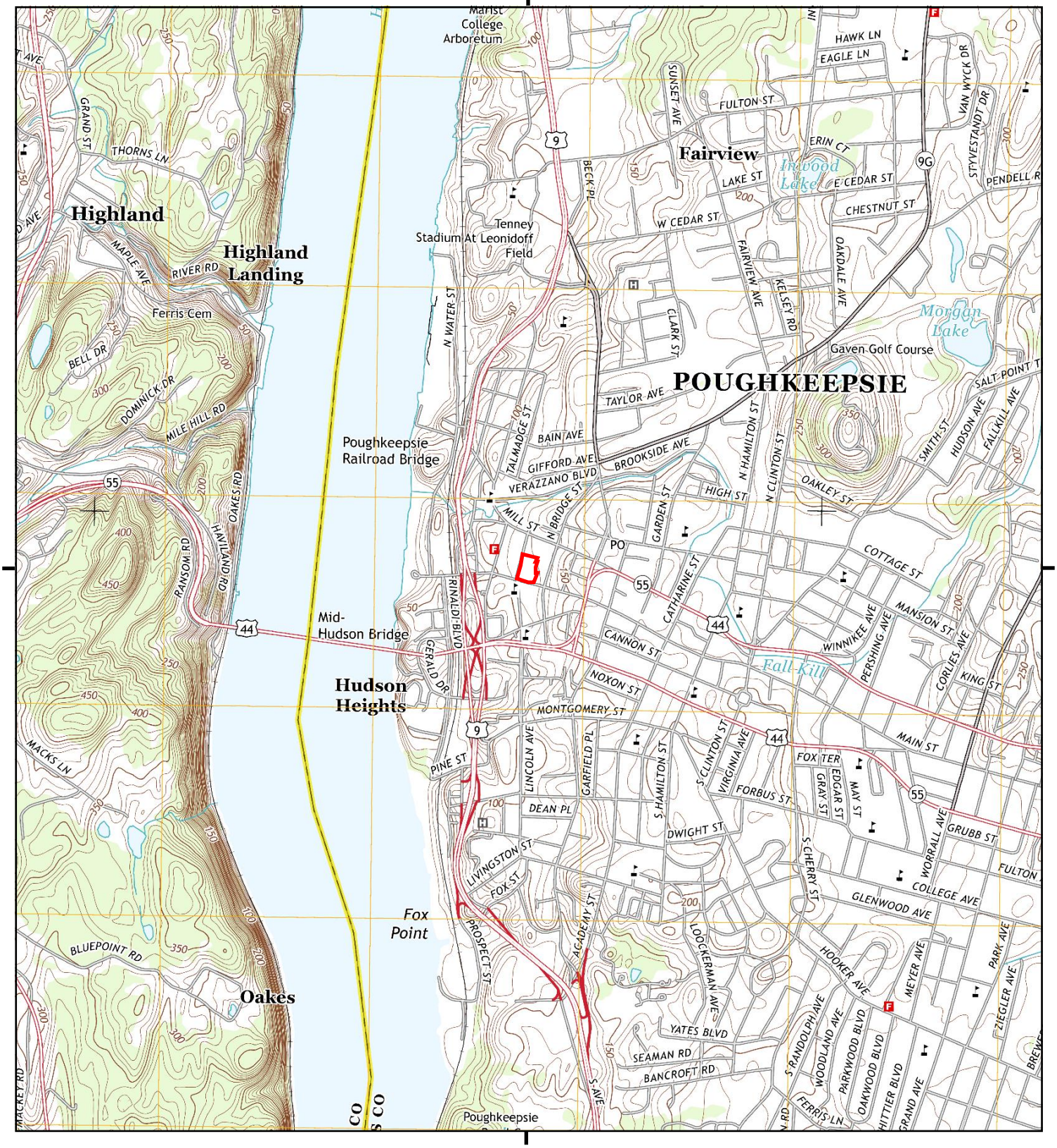
NW N NE
W E
SW S SE

TP, Poughkeepsie, 2016, 7.5-minute

SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N



This report includes information from the following map sheet(s).

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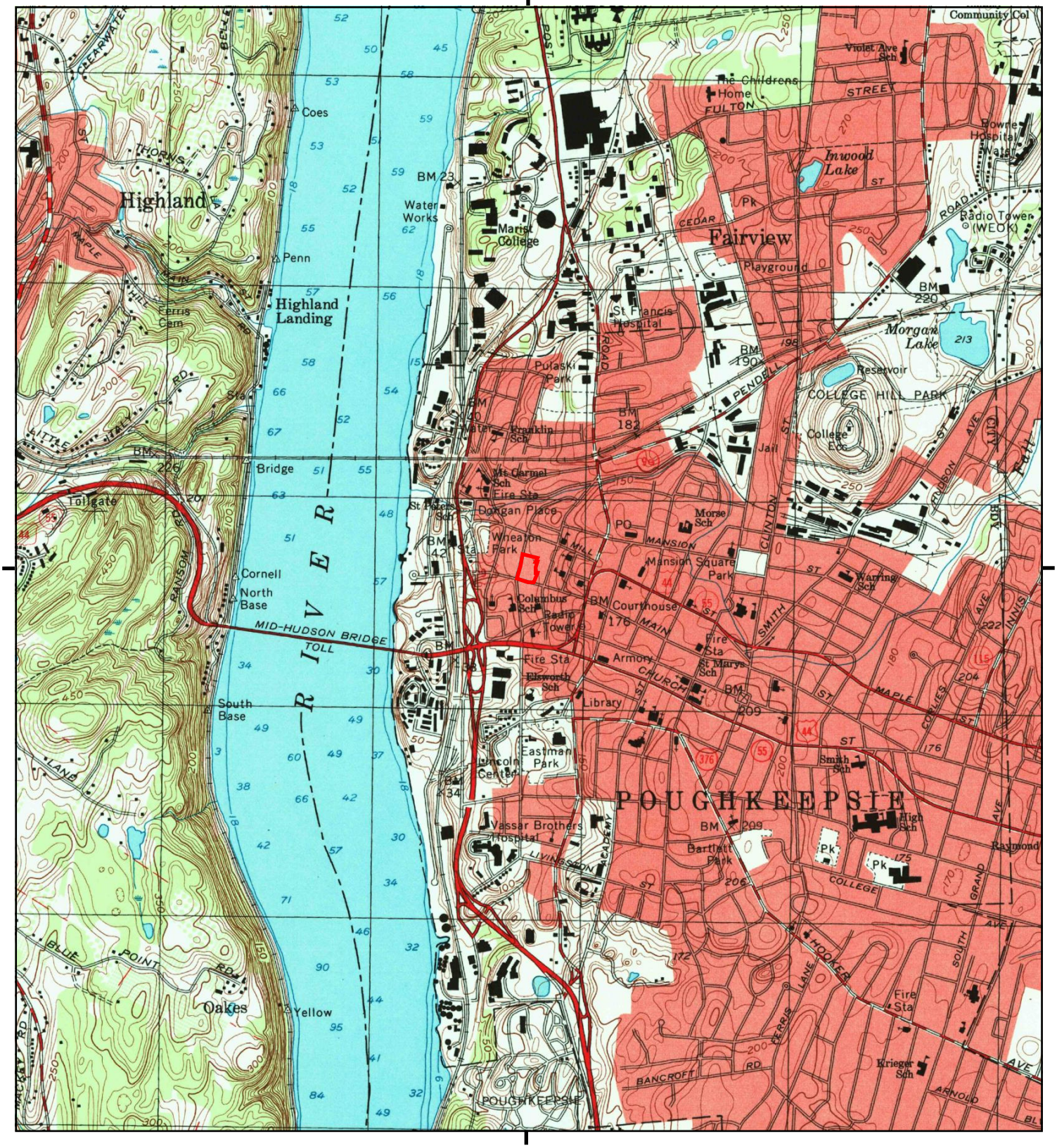
W E
SW S SE

TP, Poughkeepsie, 2013, 7.5-minute

SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N



This report includes information from the following map sheet(s).

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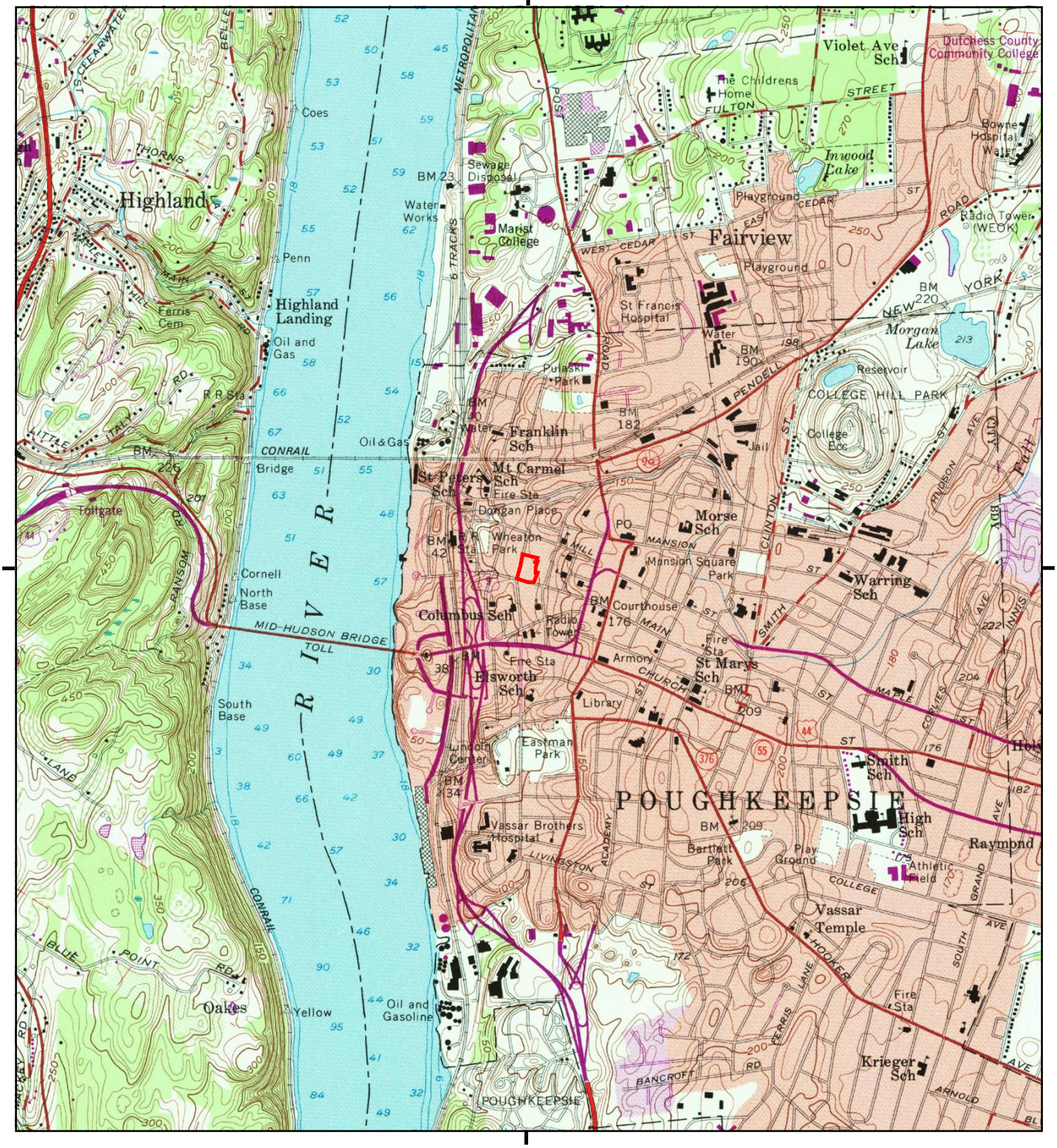
W E
SW S SE

TP, Poughkeepsie, 1995, 7.5-minute

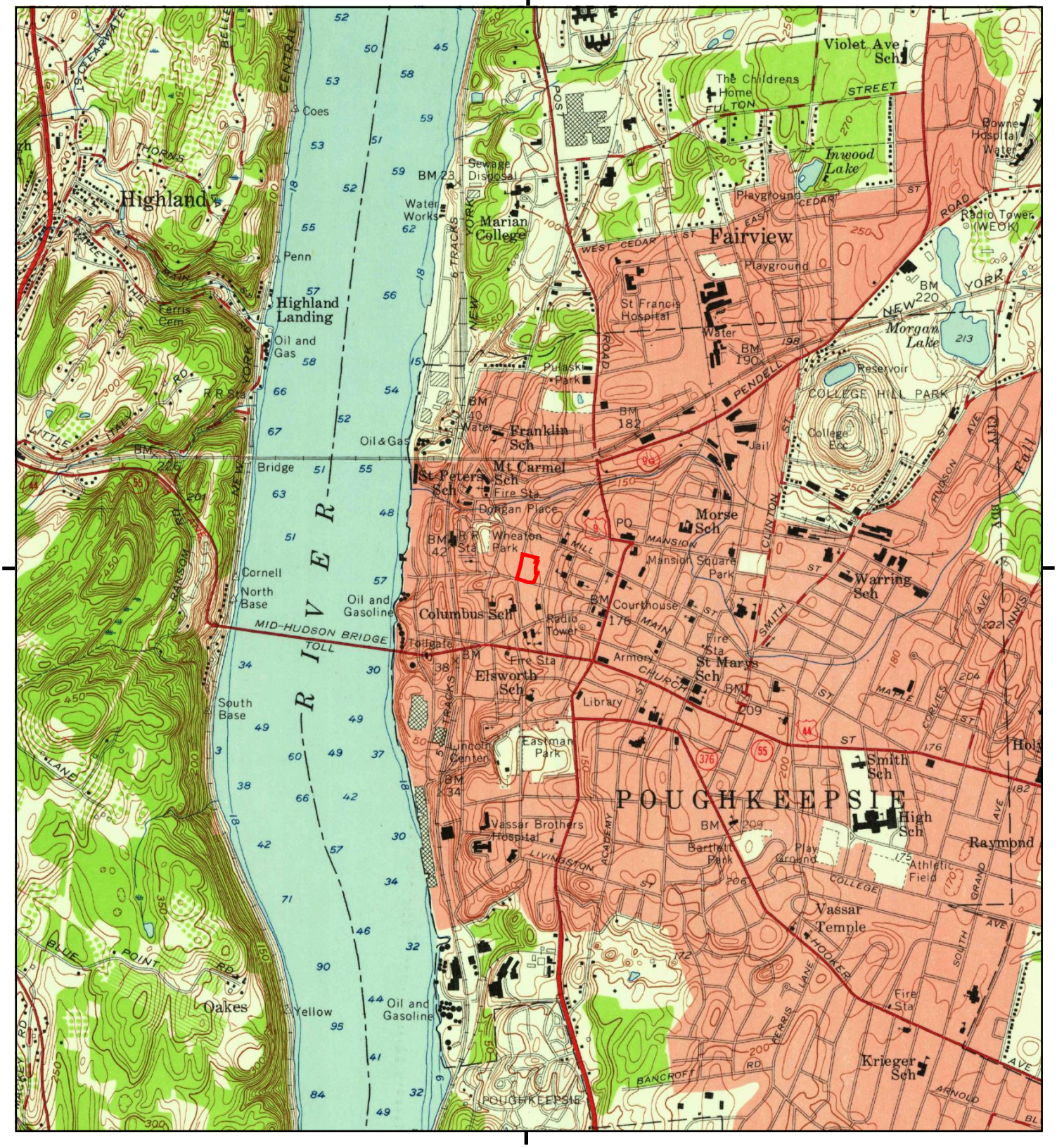
SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N


Highland
Highland Landing
Fairview
POUGHKEEPSIE
Oakes
Cornell North Base
South Base
Columbus Sch
Franklin Sch
Mt Carmel
St Peters Sch
Morse Sch
Warring Sch
Ellsworth Sch
St Marys Sch
Smith Sch
High Sch
Vassar Temple
Vassar Brothers Hospital
St Francis Hospital
Marist College
Dutchess County Community College
Violet Ave Sch
Inwood Lake
Morgan Lake
College Hill Park
Eastman Park
Bartlett Park
Krieger Sch
Raymond
Mid-Hudson Bridge Toll
Conrail
Oil and Gas
Oil and Gasoline
Water Works
Sewage Disposal
Radio Tower (WEOK)
Mansion Square Park
Wheaton Park
Pulaski Park
Dongan Place
Fire Sta
Library
Armory
Courthouse
Jail
College Ecc
Reservoir
Playground
Athletic Field
Tollgate
Ferris Cem
Yellow
Penn
Coes
Bridge
R R Sta
Water
Lincoln Center
Play Ground
Fulton Street
Cedar Street
East Cedar St
West Cedar St
Pendell Road
Academy
Livingston
Hooker
Bancroft
Mansion
Church
Smith
Maple
Clinton
Hudson
Grand
College
South
Arnold
Mill
Main
Conrail
Mackey
Ransom
Lane
Point
Rd
Hill
Tail
Little
Thorns
Clearwater
Belle
Metropolitan
6 Tracks
Post
York
New
Hill
Ave
St
Rd
Blvd
Pl
Ln
Ct
Sch
Hosp
Sta
Cem
Park
Lake
Creek
Gas
Water
Bridge
Tower
Gasoline
Disposal
Works
Home
Childrens
Hospital
Community College
Square
Center
Field
Ground
Temple
Brothers
Tollgate
Base
Landing
Highland
Fairview
Poughkeepsie
Oakes
Yellow
Penn
Coes
Cornell
North
South
Columbus
Franklin
Mt Carmel
St Peters
Morse
Warring
Ellsworth
St Marys
Smith
High
Raymond
Vassar
Krieger
Inwood
Morgan
Reservoir
Pulaski
Dongan
Wheaton
Mansion
Courthouse
Armory
Library
Jail
Eastman
Bartlett
Athletic
Lincoln
Vassar Brothers
St Francis
Marist
Violet Ave
Dutchess
Childrens
Home
Fulton
Street
Cedar
East Cedar
West Cedar
Pendell
College Hill
Academy
Livingston
Hooker
Bancroft
Mansion
Church
Smith
Maple
Clinton
Hudson
Grand
College
South
Arnold
Mill
Main
Conrail
Mackey
Ransom
Lane
Point
Rd
Hill
Tail
Little
Thorns
Clearwater
Belle
Metropolitan
6 Tracks
Post
York
New

Historical Topo Map

1957



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NW N NE
W E
SW S SE

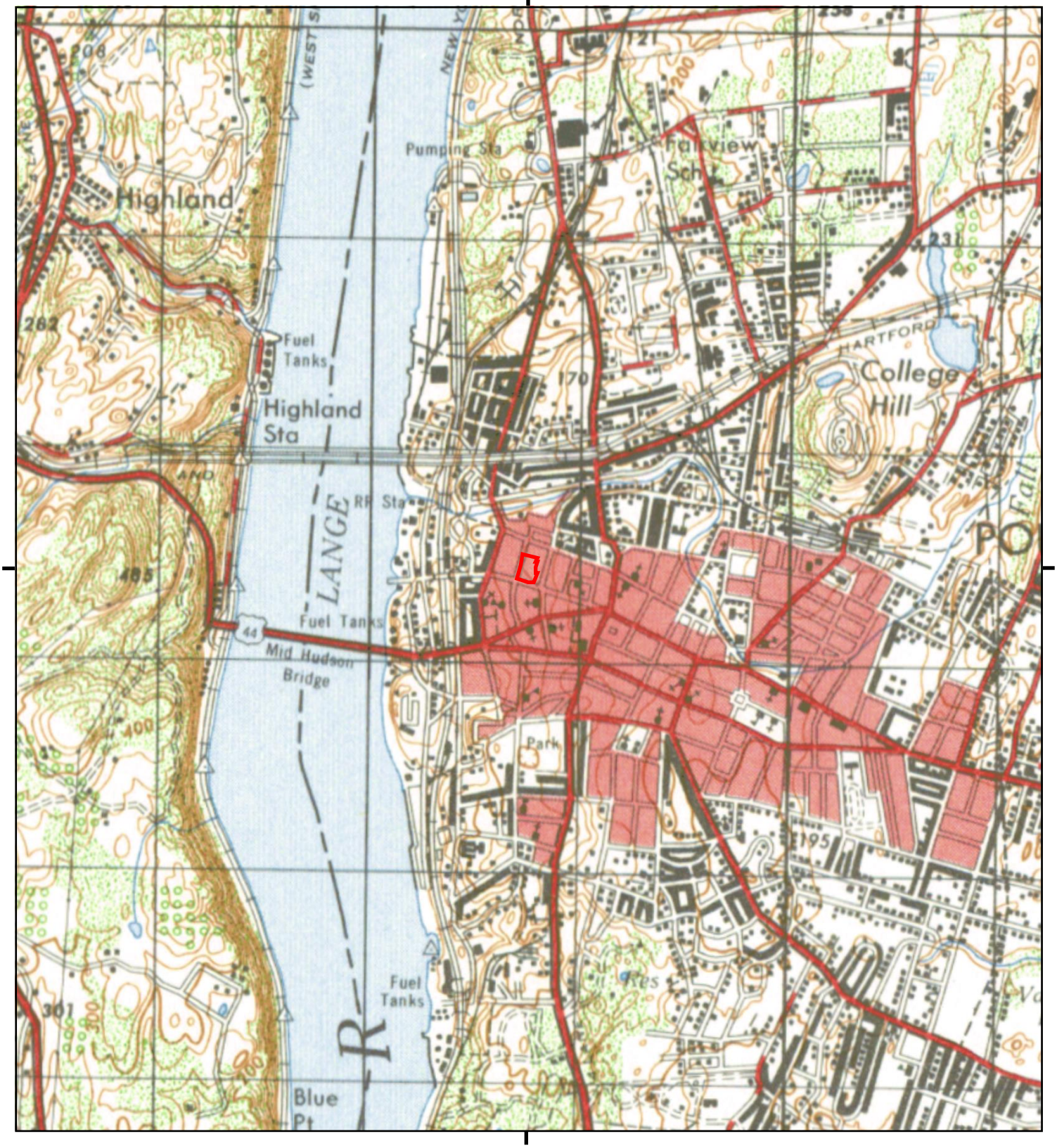
TP, Poughkeepsie, 1957, 7.5-minute

SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N

Historical Topo Map

1947



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W E
SW S SE

TP, POUGHKEEPSIE, 1947, 15-minute

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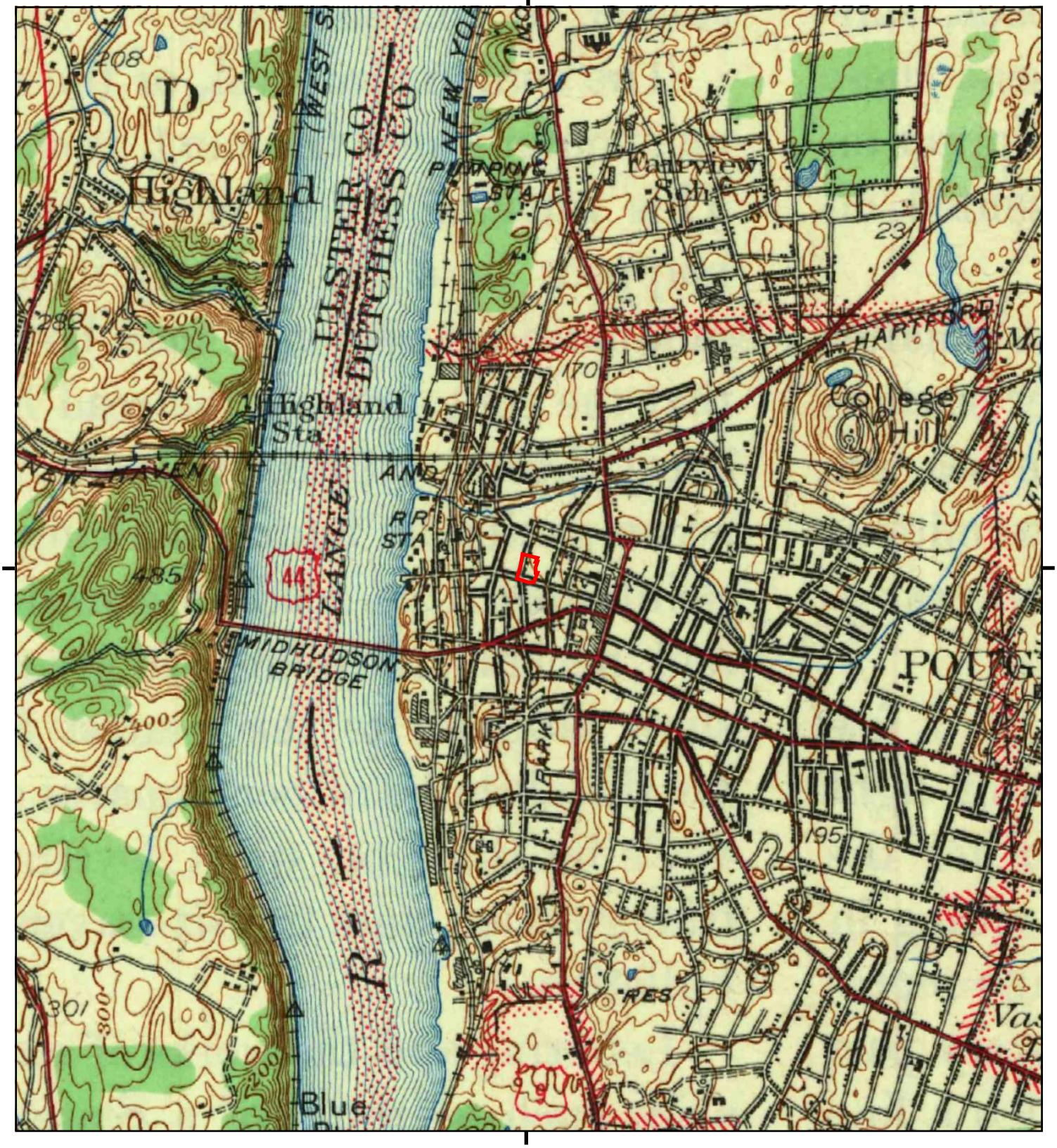
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N

6901589 - 4 page 12



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W E
SW S SE

TP, Poughkeepsie, 1943, 15-minute

SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

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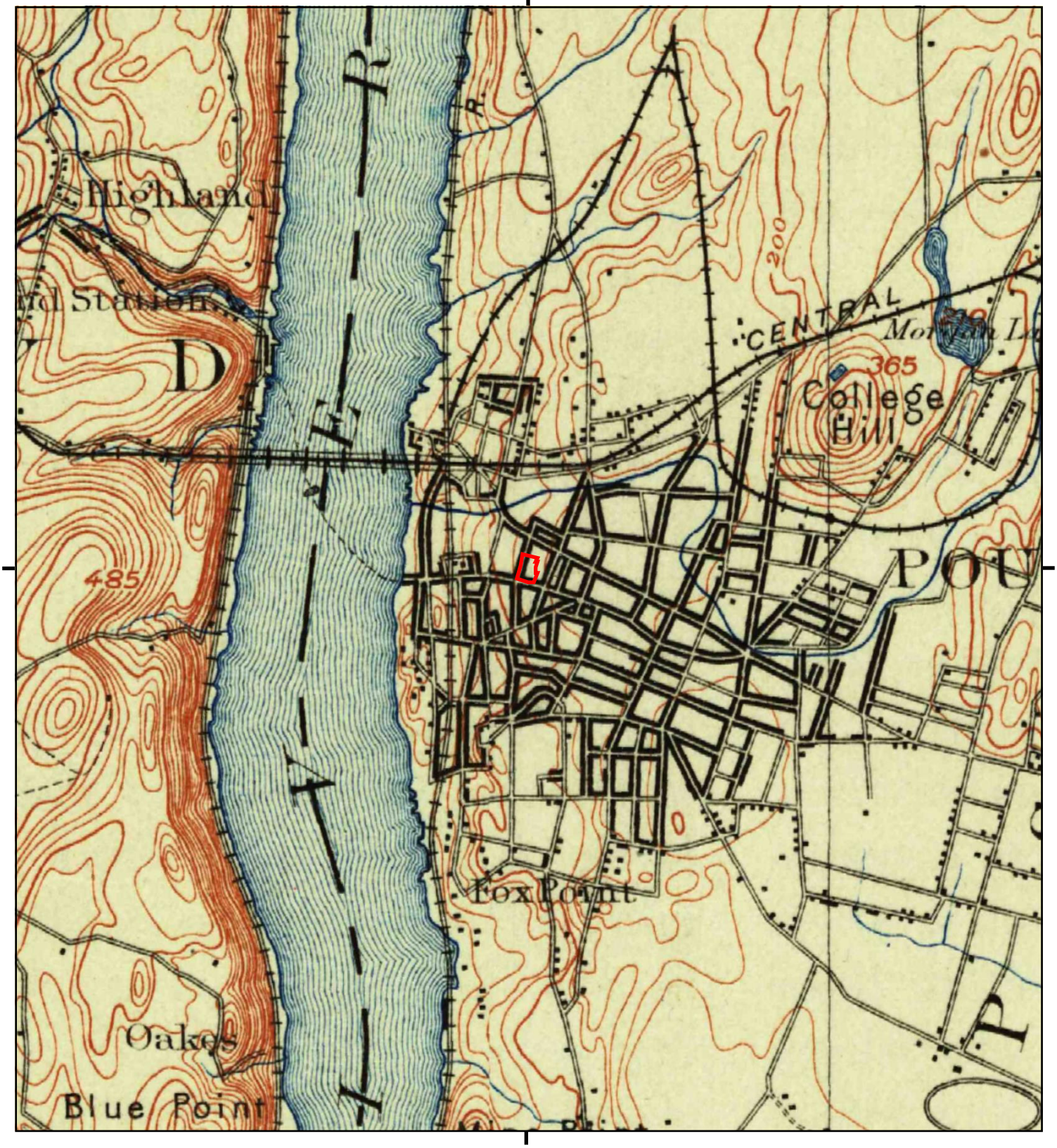
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N



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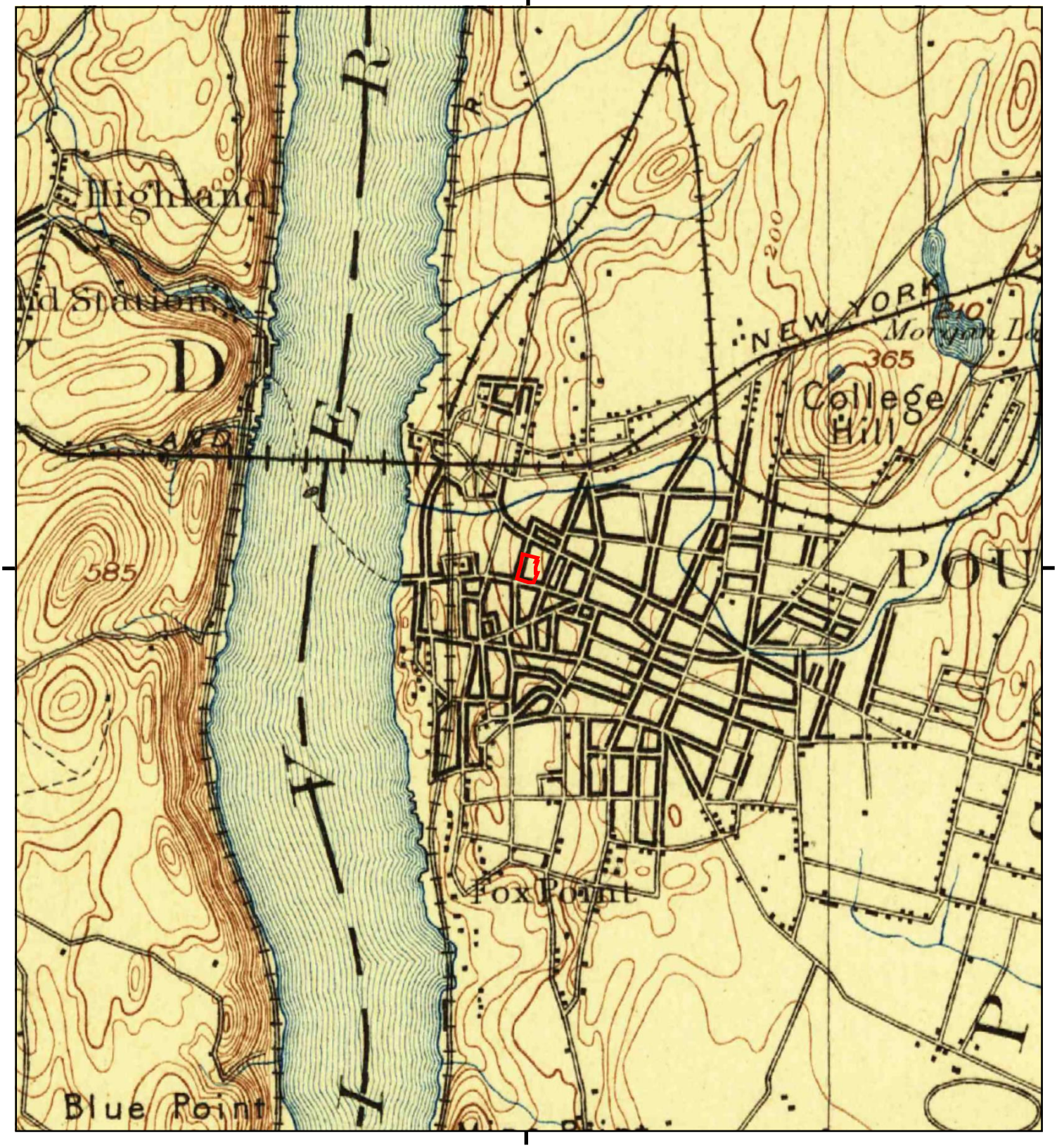
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Poughkeepsie, 1903, 15-minute

SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N



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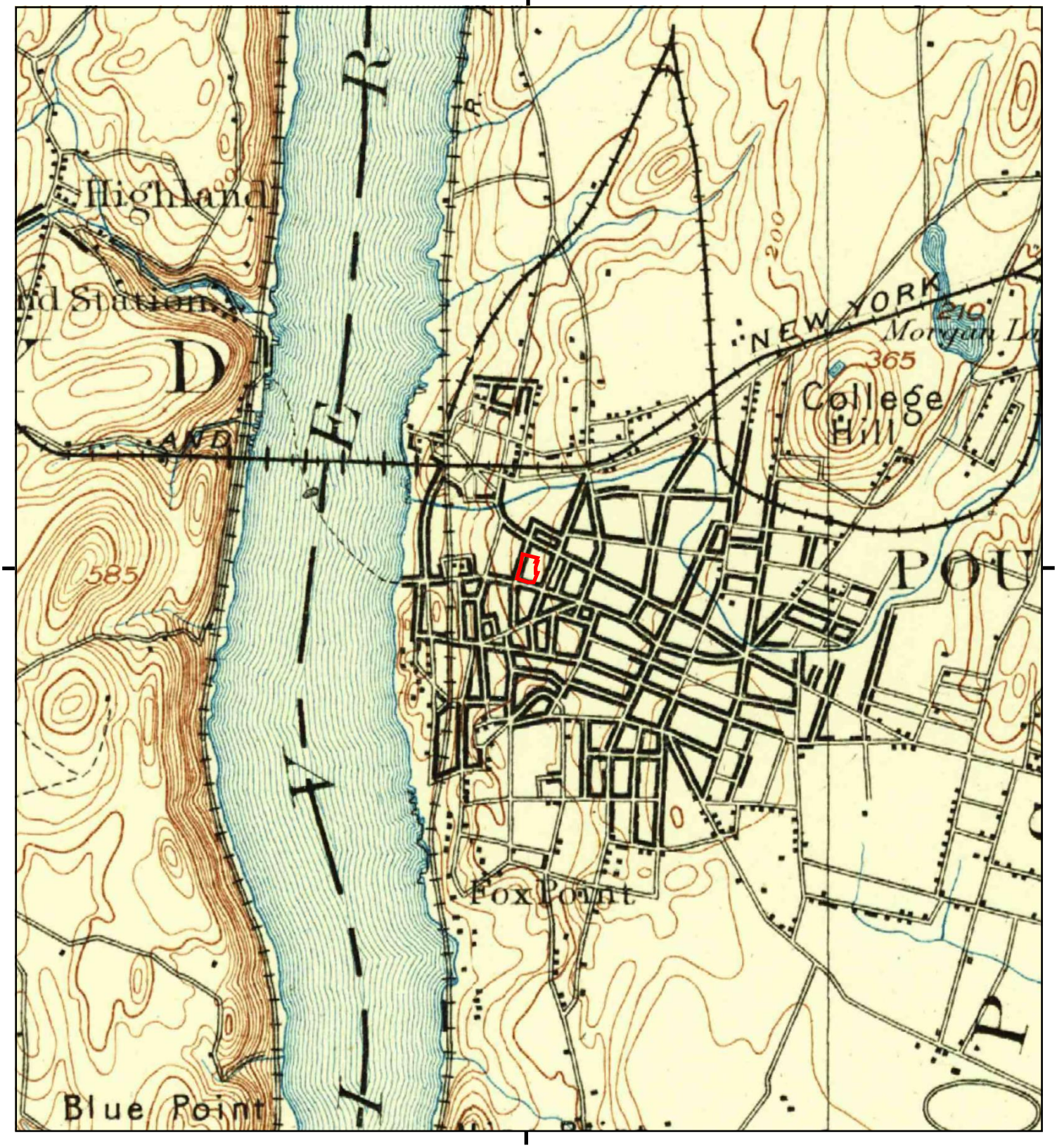
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Poughkeepsie, 1894, 15-minute

SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Poughkeepsie, 1893, 15-minute

SITE NAME: 135 Main Street
ADDRESS: 135 Main Street
Poughkeepsie, NY 12601
CLIENT: Hillmann Environmental Co.

N

135 Main Street

135 Main Street

Poughkeepsie, NY 12601

Inquiry Number: 6901589.8

March 16, 2022

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

03/16/22

Site Name:

135 Main Street
135 Main Street
Poughkeepsie, NY 12601
EDR Inquiry # 6901589.8

Client Name:

Hillmann Environmental Co.
1600 Route 22 East
Union, NJ 07083
Contact: Joanne Bedkowski

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Search Results:

Year	*Scale*	*Details*	*Source*
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1995	1"=500'	Acquisition Date: March 27, 1995	USGS/DOQQ
1984	1"=500'	Flight Date: March 26, 1984	USDA
1958	1"=500'	Flight Date: August 05, 1958	USGS

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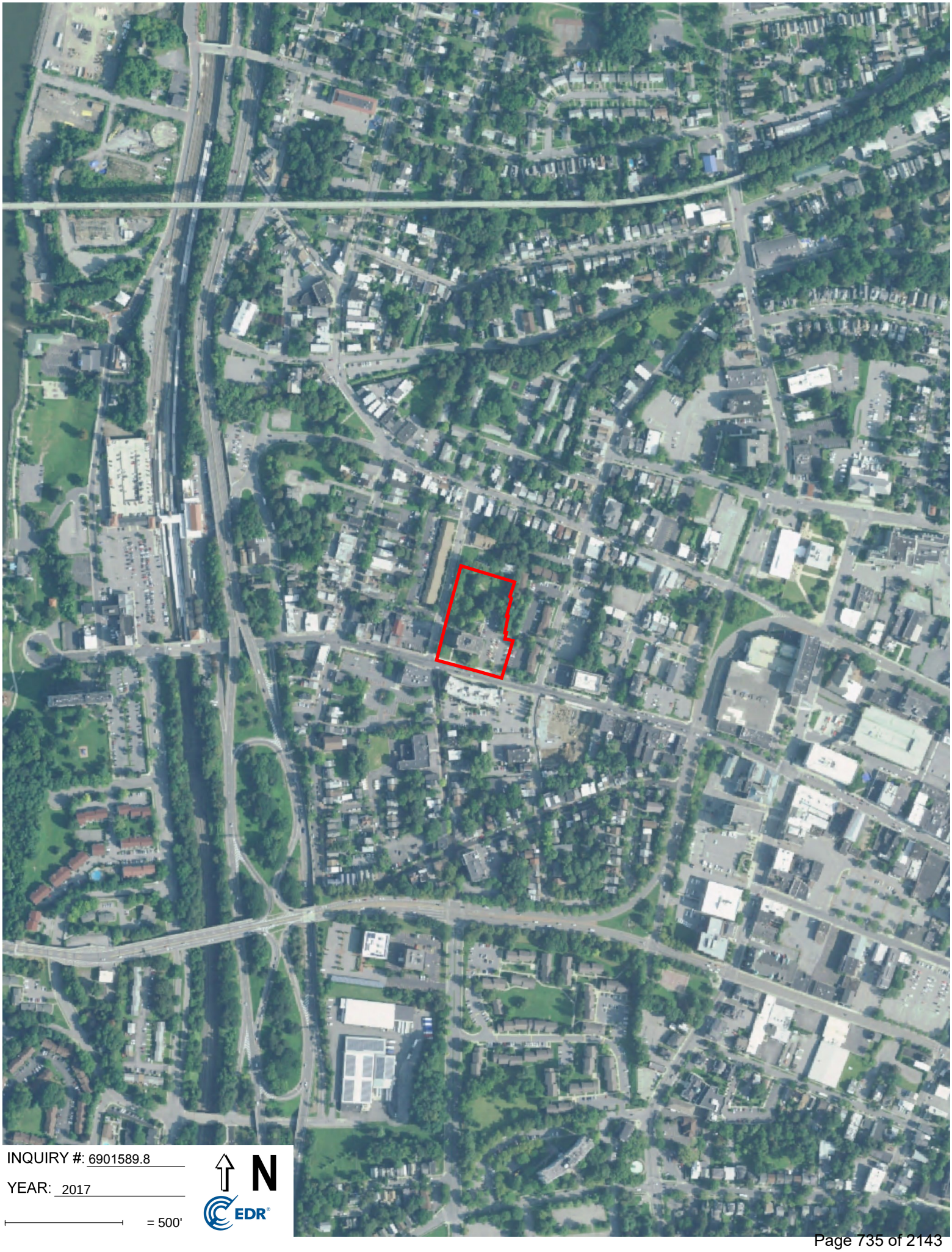
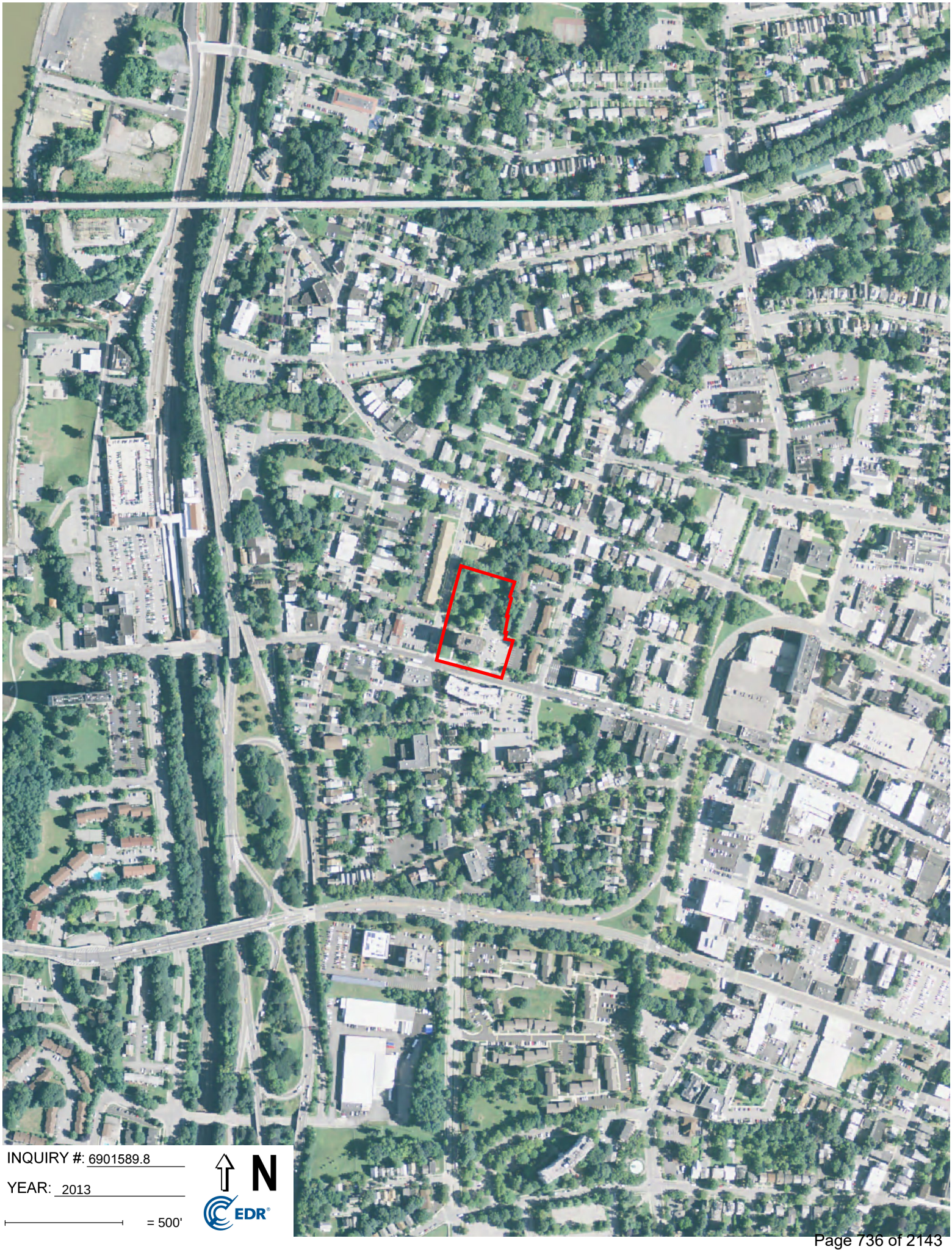

INQUIRY #: 6901589.8
YEAR: 2017
= 500'
N
EDR


INQUIRY #: 6901589.8
YEAR: 2013
= 500'
N
EDR

INQUIRY #: 6901589.8

YEAR: 2009

= 500'

N

EDR

INQUIRY #: 6901589.8

YEAR: 2006

= 500'

N

EDR

INQUIRY #: 6901589.8

YEAR: 1995

= 500'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 6901589.8

YEAR: 1984

= 500'

N

EDR

INQUIRY #: 6901589.8

YEAR: 1958

= 500'

N

EDR

135 Main Street

135 Main Street

Poughkeepsie, NY 12601

Inquiry Number: 6901589.3

March 17, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/17/22

Site Name:

135 Main Street
135 Main Street
Poughkeepsie, NY 12601
EDR Inquiry # 6901589.3

Client Name:

Hillmann Environmental Co.
1600 Route 22 East
Union, NJ 07083
Contact: Joanne Bedkowski

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Hillmann Environmental Co. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 08D1-4DE3-9042

PO # Z34899.0000

Project Z34899

Maps Provided:

1990
1984
1952
1950
1913
1895
1887

Sanborn® Library search results

Certification #: 08D1-4DE3-9042

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1990 Source Sheets

Volume 1, Sheet 10
1990

Volume 1, Sheet 15
1990

Volume 1, Sheet 20
1990

Volume 1, Sheet 21
1990

1984 Source Sheets

Volume 1, Sheet 15
1984

Volume 1, Sheet 20
1984

Volume 1, Sheet 21
1984

1952 Source Sheets

Volume 1, Sheet 10
1952

Volume 1, Sheet 15
1952

Volume 1, Sheet 20
1952

Volume 1, Sheet 21
1952

1950 Source Sheets

Volume 1, Sheet xxxx
1950

Volume 1, Sheet 10
1950

Volume 1, Sheet 15
1950

Volume 1, Sheet 21
1950

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1950 Source Sheets

Volume 1, Sheet 20
1950

1913 Source Sheets

Volume 1, Sheet xxxx
1913

Volume 1, Sheet 10
1913

Volume 1, Sheet 15
1913

Volume 1, Sheet 21
1913

Volume 1, Sheet 20
1913

1895 Source Sheets

Volume 1, Sheet 23
1895

Volume 1, Sheet 24
1895

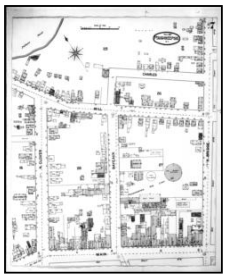
Volume 1, Sheet 28
1895

Volume 1, Sheet 29
1895

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

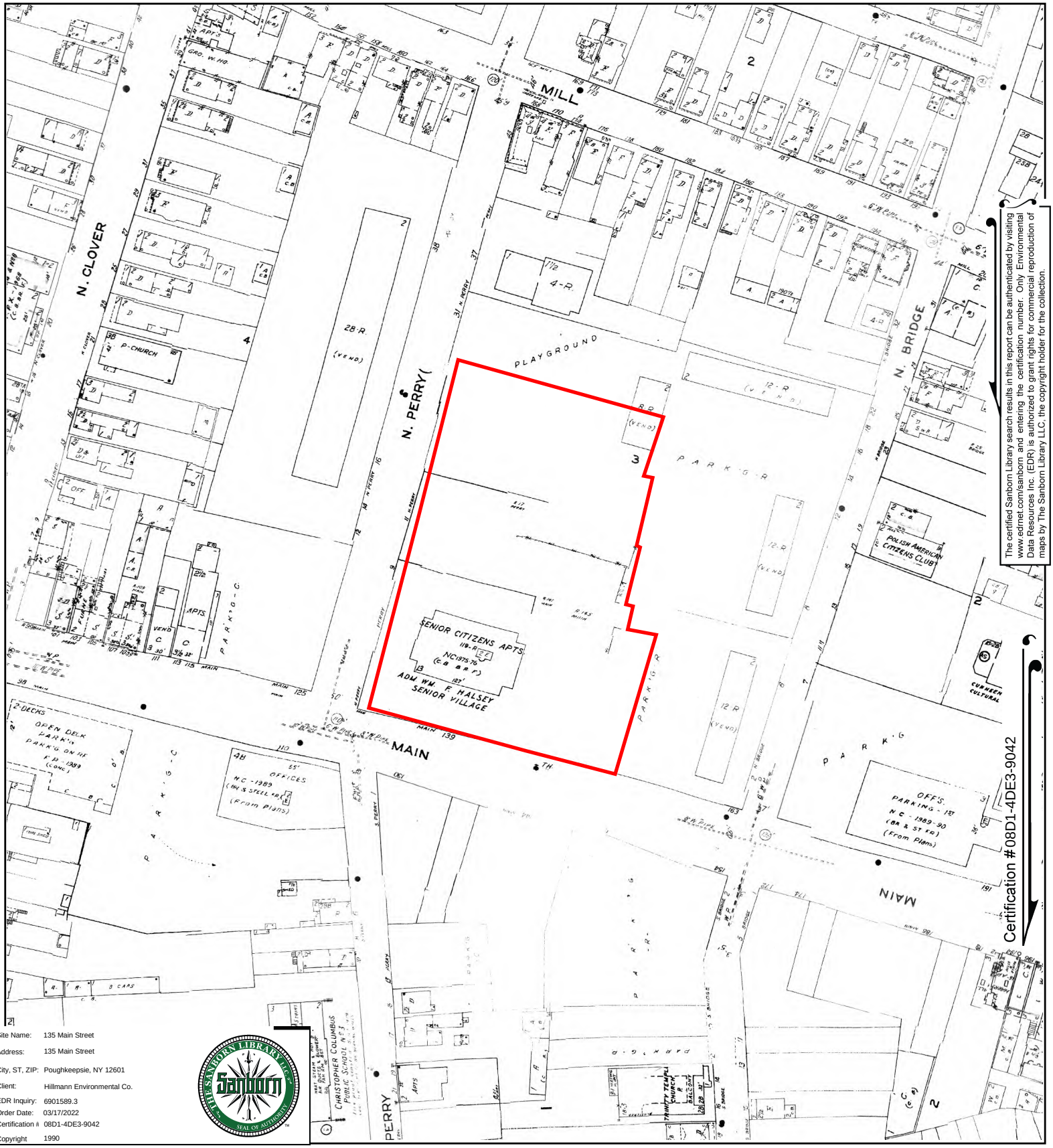
1887 Source Sheets



Volume 1, Sheet 7
1887

Volume 1, Sheet 14
1887

Volume 1, Sheet 8
1887



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Certification #08D1-4DE3-9042

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Address:	135 Main Street
City, ST, ZIP:	Poughkeepsie, NY 12601
Client:	Hillmann Environmental Co.
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Order Date:	03/17/2022
Certification #:	08D1-4DE3-9042
Copyright	1990

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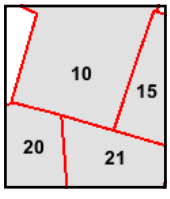

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Volume 1, Sheet 20
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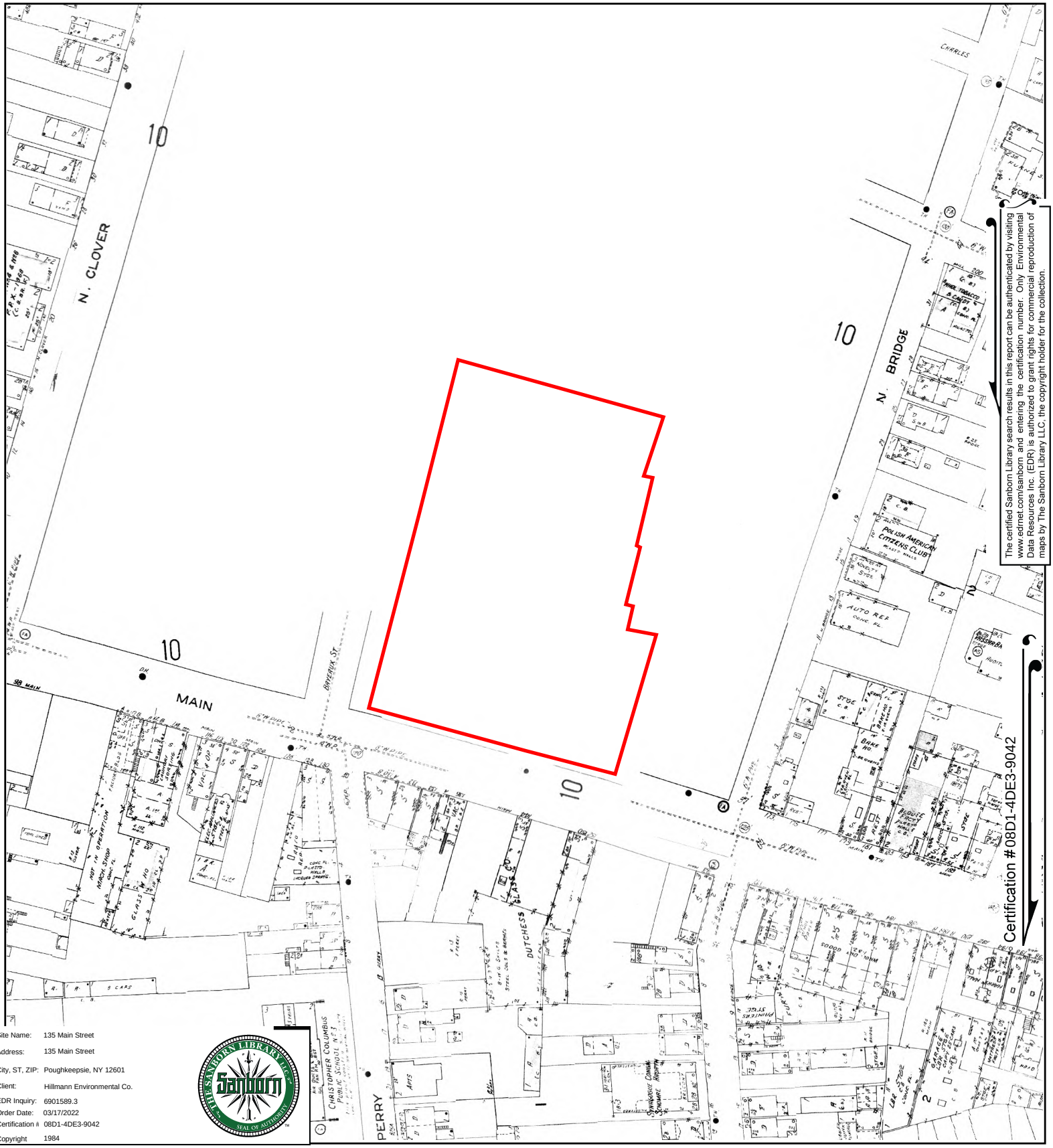
0 Feet 150 300 600

N



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Certification #: 08D1-4DE3-9042
Copyright 1984

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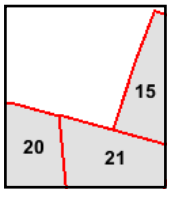

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0 Feet 150 300 600

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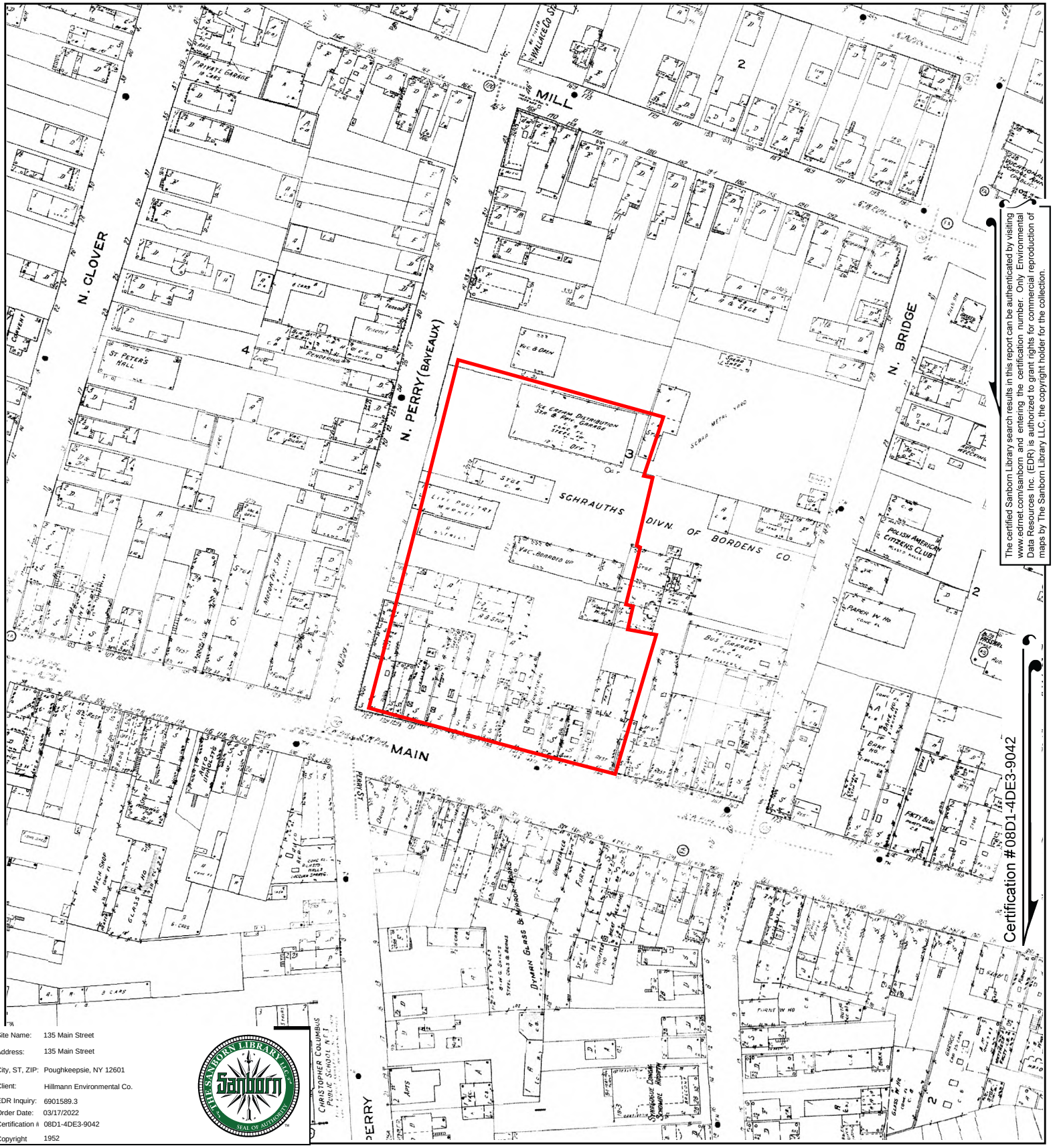

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EDR Inquiry: 6901589.3
Order Date: 03/17/2022
Certification #: 08D1-4DE3-9042
Copyright: 1952

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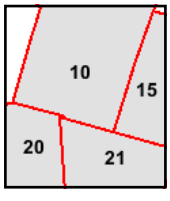

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N

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Client:	Hillmann Environmental Co.
EDR Inquiry:	6901589.3
Order Date:	03/17/2022
Certification #:	08D1-4DE3-9042
Copyright	1950

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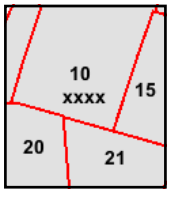

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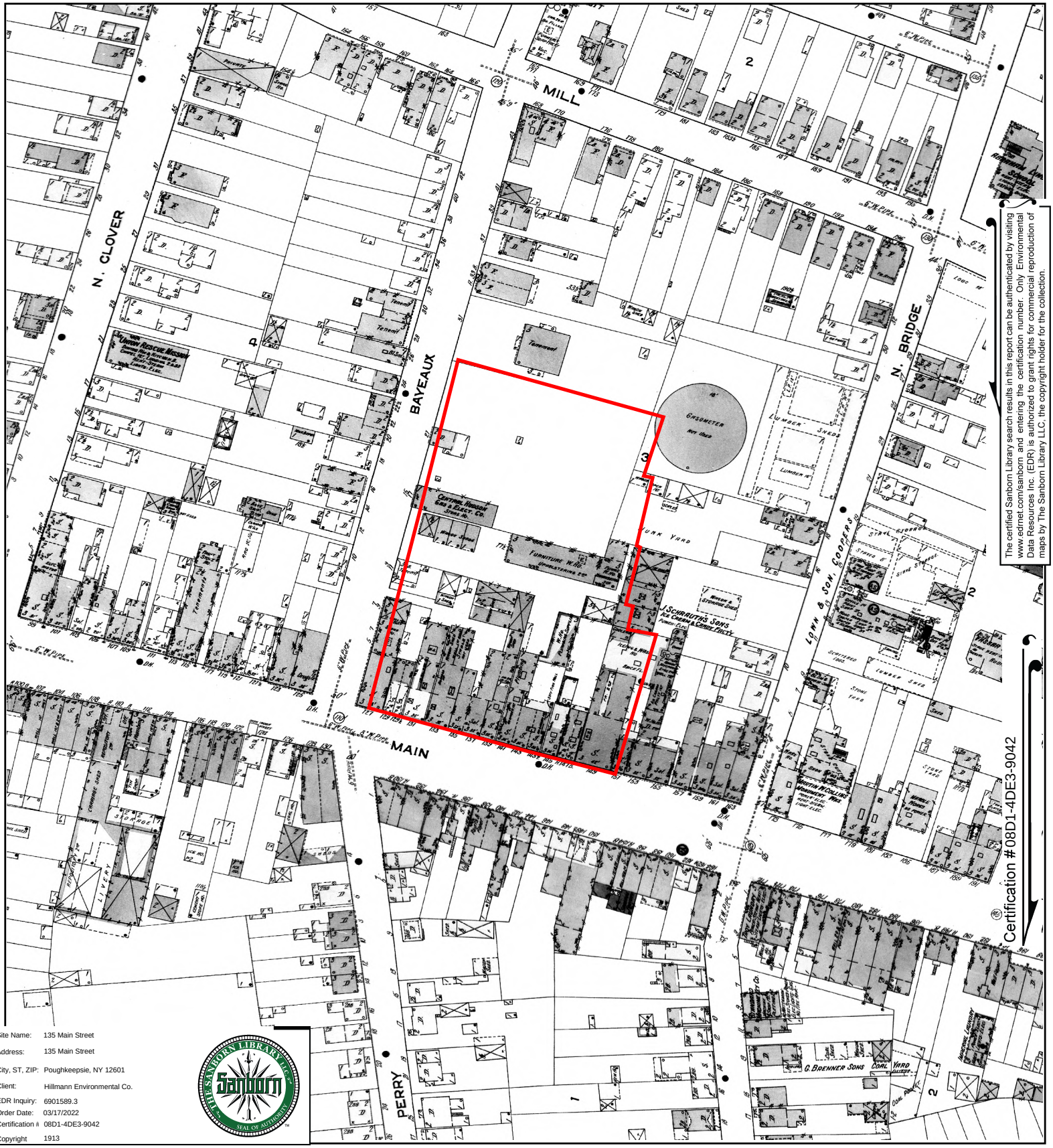
Volume 1, Sheet 10
Volume 1, Sheet xxxx

0 Feet 150 300 600

N



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Order Date:	03/17/2022
Certification #:	08D1-4DE3-9042
Copyright	1913

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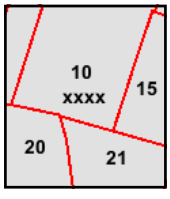

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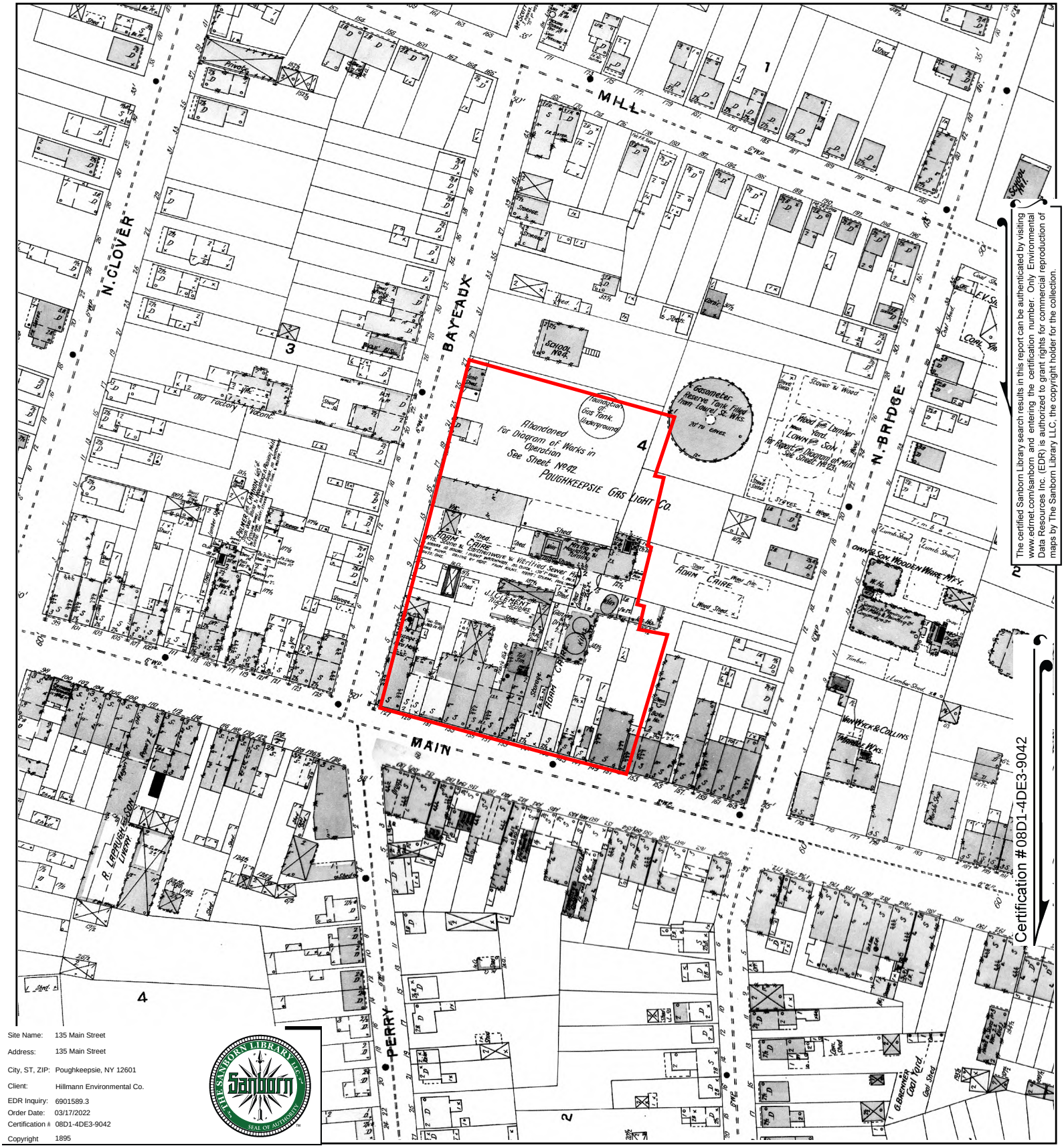
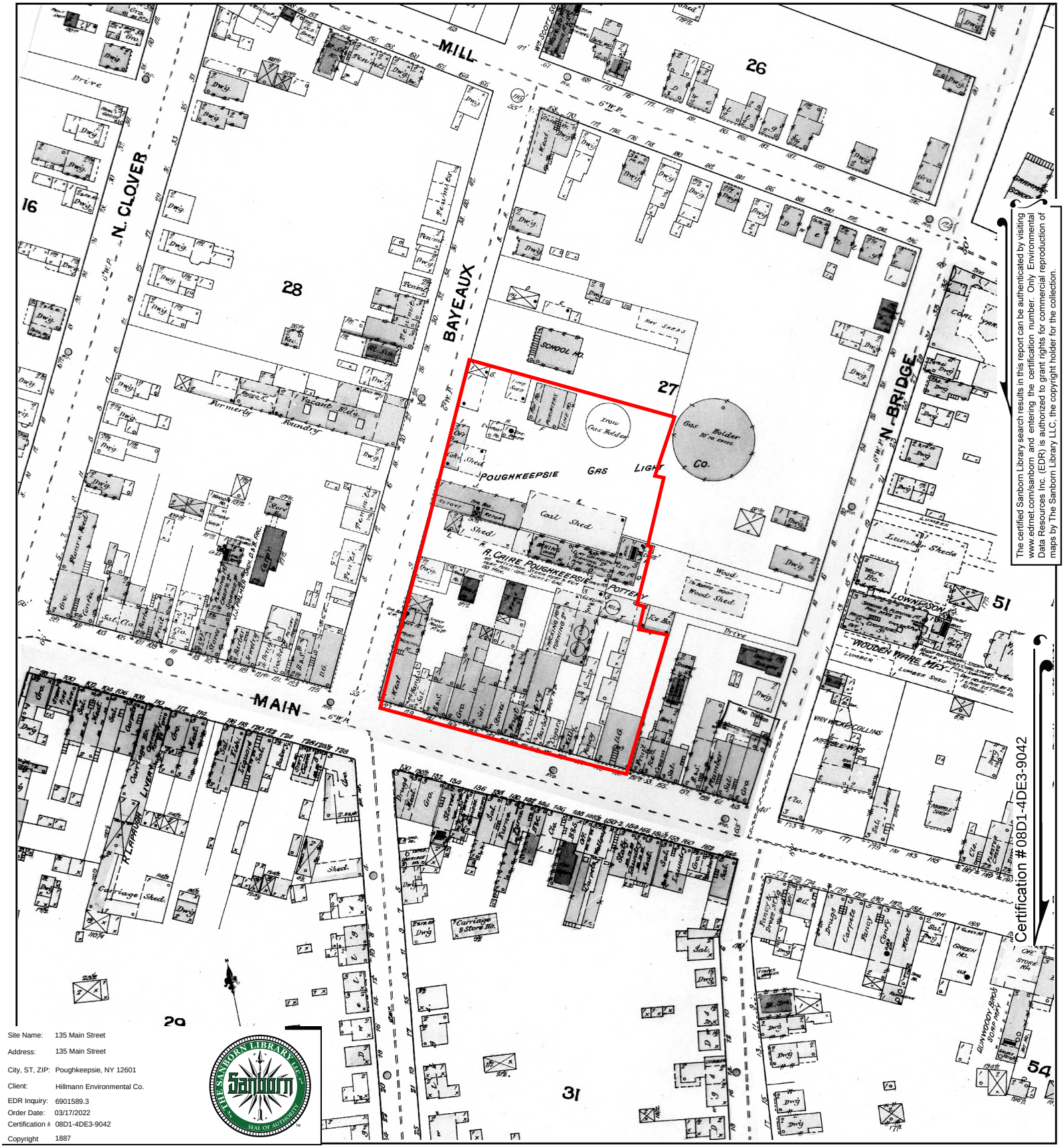
Volume 1, Sheet xxxx

N


MILL
N. CLOVER
BAYEAUX
N. BRIDGE
MAIN
PERRY
Abandoned
For Diagram of Works in
Operation
See Sheet No.
POUGHKEEPSIE GAS LIGHT Co.
Gasometer
Reserve Tank Filled
from Lowest Gas Wks
Foundation of Gas Tank Underground
Old Factory
SCHOOL No.2
Wood Lumber Yard
Lumber Shed
Coal Shed
Coal Yard
Stoves & Wood
Shed
Office
Main
Storage
Timber
Lumber Shed
Wood Shed
Stone
Brick
Iron
Frame
Tin
Wood
Gravel
Slate
Asphalt
Concrete
Steel
Glass
Paper
Rubber
Cloth
Leather
Plaster
Earth
Water
Oil
Gas
Electricity
Steam
Air
Vacuum
Pressure
Temperature
Time
Weight
Volume
Area
Length
Width
Height
Depth
Thickness
Diameter
Radius
Circumference
Perimeter
Angle
Slope
Grade
Elevation
Latitude
Longitude
Direction
Distance
Speed
Velocity
Acceleration
Force
Energy
Power
Work
Heat
Light
Sound
Electricity
Magnetism
Gravity



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Client:	Hillmann Environmental Co.
EDR Inquiry:	6901589.3
Order Date:	03/17/2022
Certification #:	08D1-4DE3-9042
Copyright	1887

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Volume 1, Sheet 8
Volume 1, Sheet 14
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0 Feet 150 300 600

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135 Main Street
135 Main Street
Poughkeepsie, NY 12601

Inquiry Number: 6901589.5
March 21, 2022

The EDR-City Directory Image Report

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1988	☑	☐	Polk's City Directory
1985	☑	☐	Polk's City Directory
1980	☑	☐	Polk's City Directory
1975	☑	☐	Polk's City Directory
1970	☑	☐	Polk's City Directory
1965	☑	☐	Polk's City Directory
1963	☑	☐	Polk's City Directory
1948	☑	☐	Polk's City Directory
1942	☑	☐	Polk's City Directory

EXECUTIVE SUMMARY

Year	***Target Street***	***Cross Street***	***Source***

FINDINGS

TARGET PROPERTY STREET

135 Main Street
Poughkeepsie, NY 12601

Year	*CD Image*	*Source*
MAIN ST		
2017	pg A2	EDR Digital Archive
2014	pg A6	EDR Digital Archive
2010	pg A11	EDR Digital Archive
2005	pg A17	EDR Digital Archive
2000	pg A22	EDR Digital Archive
1995	pg A24	EDR Digital Archive
1992	pg A25	EDR Digital Archive
1988	pg A29	Polk's City Directory
1988	pg A30	Polk's City Directory
1985	pg A31	Polk's City Directory
1985	pg A32	Polk's City Directory
1985	pg A33	Polk's City Directory
1980	pg A34	Polk's City Directory
1980	pg A35	Polk's City Directory
1980	pg A36	Polk's City Directory
1975	pg A37	Polk's City Directory
1970	pg A38	Polk's City Directory
1965	pg A39	Polk's City Directory
1963	pg A40	Polk's City Directory
1963	pg A41	Polk's City Directory
1948	pg A42	Polk's City Directory
1948	pg A43	Polk's City Directory
1942	pg A44	Polk's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAIN ST 2017

96	CRUZ, SANDRA
	DEYLII, NEKASKII
	MACKSON, OLIVER I
	THE BROWN DERBY
97	EL AZTECA
101	CARR, JAMES
	GARRAWAY, RAHMEL
	RIVERS, REGINA
105	WEST INDIES RESTAURANT & MKT
109	KOKA, ORGES
	LARA, BARBARA
	MEDRANO, SARA
	SMITH, MARK
	YOUNG, BARBARA L
110	CROSSROAD SYSTEMS
	FIRST MORTGAGE CORP
	MARSHALL & STERLING INSURANCE
	MASTERRISK INC
111	ARIAS, ALLYSON
	EMILIANOS PIZZA
113	ANDUJAR OD
	FARRISI, MEL
	SORIANO, ELDER R
	WING, RICHARD
115	MILANESE RESTAURANT
135	ADMIRAL HALSEY SENIOR VILLAGE
	ANGELO, VIVIAN
	ANTREASYAN, MAPI
	BACON, DORIS E
	BARDINI, RENATO P
	BARNES, REOLIA U
	BENKOCZY, RAY
	BILYOU, WALTER
	BISHOP, LEONARD
	BUTLER, HOWARD R
	CHANEY, LEROY
	CLEMMONS, MARION A
	COPES, EDWINA M
	DELGADO, GREGORI
	DERELLO, DONALD
	DEYO, SHIRLEY M
	DIAZ, PATRICIA A
	DOUGLASS, PHILLIP M
	EDWARDS, GERALDINE A
	EVANS, ANN C
	FERRO, BARBARA
	FIGUERAS, CARMEN M
	FIQUEROA, ORLANDO L
	FUENTES, SAMUEL N
	GALLERY, DONNA J

MAIN ST 2017 (Cont'd)

135 GERDWAGEN, IVAN
GIANNOS, MARIA M
GOINS, GLEN A
GRIGGS, SONJA R
HITE, CAROL L
JOHNSON, VERNELL
JONES, JOSHUA
JOY, SUSAN E
LETUS, MARK
LEVERETTE, WALTER L
LIER, FREDERICK C
LYONS, ANNIE R
LYONS, HAYWOOD
LYONS, SUSAN D
MAKOWSKI, THADDEUS J
MARSHALL, MARY
MASTROCCO, TONI N
MAZZEO, DONNA
MCCAIN, MINNIE S
MEANS, IRA
MEDDAUGH, ALBERT E
MOORE, MAEFRANCES F
MORRISON, PATRICIA M
NABORS, LAWRENCE A
OTERO, BETZI
PADILLO, IRIS M
PELISH, ANN M
PEREA, PAUL
PLASS, CHRISTINA A
QUARLES, PEARL M
RAMOS, MANUEL
RICCO, FRANCES R
RIVERA, MYRIAM
ROBERTSON, ESTELLE C
ROGOSKI, IRENE T
ROMAN, WILLIAM P
ROTH, GERALDINE M
RUPARELIA, MAGAM
SANTIAGO, EVELAN
SECRETO, MICHAEL V
SENGSTOCK, FREDERICK F
SHANO, LAURA L
SIEBEL, JACK S
SIMMONS, ROBERT R
SIMONS, ROGER E
SONNAMAKER, BARBARA
SPENCER-TAYLOR, GWENDOLYN A
THOMAS, PATRICIA A
THOMPSON, ETHEL M
THURST, MARY H

MAIN ST 2017 (Cont'd)

135	TILLERY, LONISE
	TIRANTE, ROGER
	UNDERHILL, BRIAN A
	VAZQUEZ, MARIAM
	WALSH, VERA A
	WOOD, OLNZER
	WRIGHT, RONALD
140	NEW RIVER VALLEY CARE CENTER
	RIVER VALLEY
157	ULSTER ECONOMY FUEL
191	INTERNAL REVENUE SERVICE
	SOCIAL SECURITY ADMINISTRATION
	UNITED STATES GOVERNMENT
192	BROWN, GENO
	MAITLAND, DAMIAN
	PORACH, DEBORAH
	ROBLES, ROXANNE N
	SEALS, ALGION R
	TODMAN, KENNETH A
196	GETHERS, SHARON S
	TORRES, RAFAEL
198	BALL, ELLEN
	CAMPBELL, CHRISTOPHER
	ENOS, KHALID
	MONOPOLI, ROSE
	RICKARD, ELISHA
200	BALL, ALLEN
	BOYCE, MICHAEL
	CUTTING BOARD THE DELICATESSENS
	HERRING, KENNETH
	LENT, ROSE
	LOWN, CATHERINE F
	LYNN, MARY
202	FERGUSON, ANTHONY
	GONZALEZ, ARIEL
	HUDSON HOUSE PK INC
204	RUNDEL & LONG REALSTATE MANAGEMENT
	TOBAK, LORA
	WILLIAMS, CHARLENE M
208	HOWELL, SUZANNE J
210	ABRAHAM, JEMUEL
	ALEXANDER, SHIESHA
	ARRABACA, ANDREW J
	BOYSEN, KASAN
	CELIS, JORGE
	DAVIS, JOSEPHINE
	GOLDING, RAYNOR
	HAUSER, JOSEPH M
	HEATON, LAWRENCE H
	HULLER, STEPHEN P

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAIN ST 2017 (Cont'd)

210	HUSSEY, SHARON
	JONES, CAROLYN
	KINNEARY, COLLEEN
	MARMO, MICHELLE
	MARTIN, BARRY J
	MILLER, JON
	PARKER, DEMORRIS
	REYNOLDS, SHELBY
	SCOTT, AARON
	SIEH, ALBERT C
	SMITH, MICHAEL A
	TAYLOR, KENNETH
	THOMAS, SHERWOOD M
	WALLACE, DENA J
	YEARWOOD, ASHLEY N
214	LAW OFFICE OF JONNA M SPILBOR
	SPILBOR, JONNA M
218	AUTO WAREHOUSE
220	BEHUNIAK, HEATHER
	BOWMAN, GEORGE U
	DYER, BREA
	FREEWAY INSURANCE SERVICES
	HUMES, KENYA
	RHAMES, NAKIA S
	WAGNER, CHRISTINE M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAIN ST 2014

70	COFFEY, JOHN
78	ZMIYARCH, JOSEPH A
96	HUERTA, DAVID
	MACKSON, OLIVER I
	PRICE, STEVEN J
	RATHER, KATLYN
	THE BROWN DERBY
101	JAMISON, KIMBERLY C
	RIVERS, REGINA
	SCHMITZ, JEFFREY A
	SHIELDS, CHRISTIAN
105	OCCUPANT UNKNOWN,
	WEST INDIES RESTAURANT & MKT
107	SOUL DOG
108	WERCHEN, TESSIE
109	CHINA DRAGON
	LI, TING
	REYES, ESTELLA L
	SMITH, URIAH
110	ACKERMAN QUINN
	ALDEN DMITRI
	FIRST MORTGAGE CORP
	MARSHALL & STERLING INSURANCE
	MASTER RISK INCORPORATED
	MCNULTY JOHN F MD PC
111	EMILIANOS PIZZA
	MENDEZ, HUGO H
113	MANN, LYNNETTE M
	MATTHEWS, CADENCE
	SORIANO, ELDER R
	WING, RICHARD
115	MILANESE RESTAURANT
119	HENNEKENS, MARY
132	AQUILINO, VINCENT
135	ADMIRAL HALSEY SENIOR VILLAGE
	ANGELO, VIVIAN
	ATKIS, SANDA D
	BACON, DORIS P
	BARDINI, RENATO P
	BENKOCZY, RAYMOND
	BISHOP, LEONARD
	BRADFORD, JACQUELINE
	BUTLER, HOWARD R
	BUTLER, LINDA
	CASH, LANZDALE A
	CHANDLER, JEFFREY E
	CHANEY, LEROY
	CLEMMONS, MARION A
	COLE, ROSEMARY A
	COLEMAN, EBONY

MAIN ST 2014 (Cont'd)

135	COLLIER, HELEN
	COLMENERO, RUTH M
	CRUZ, SONIA M
	DANCEY, ELEASE O
	DELGADO, GREGORI
	DERELLO, DONALD S
	DIAZ, PATRICIA A
	DOUGLASS, PHILLIP M
	EDWARDS, GERALDINE A
	EVANS, ANN C
	FERRO, BARBARA
	FIGUEROA, ORLANDO L
	FIQUERAS, CARMEN M
	FUENTES, SAMUEL N
	GARCIA, CARMEN
	GAYNOR, LAURENCE F
	GIANNOS, JOANNOS
	GOINS, GLEN A
	HARGROVE, ROOSEVELT
	HART, HEYWOOD M
	HAYES, PATRICIA
	HITE, CAROL L
	IMPERATI, CAROL
	JONES, JOSHUA
	JOY, SUSAN E
	LEMQUIST, JANET E
	LETUS, MARK
	LEVERETTE, WALTER L
	LIER, FREDERICK C
	LYNN, EDWARD L
	LYONS, ANNIE R
	MARSHALL, MARY
	MASTROCCO, TONI N
	MAZZEO, DONNA
	MCCAIN, MINNIE S
	MCCULLOUGH, BRENDA
	MEDDAUGH, ALBERT E
	MESSINA, FRANCIS
	MOSSAKOWSKI, BERNARD M
	MURPHY, POLLY
	NABORS, LAWRENCE A
	PADILLO, IRIS M
	PASQUA, LUCY
	PELISH, ANN M
	PEREA, PAUL
	PITTMAN, LARRY
	POPE, JOHNNIE N
	QUARLES, PEARL M
	RICCO, FRANCES R
	RIVERA, MYRIAM

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAIN ST 2014 (Cont'd)

135	ROBERTSON, ESTELLE C
	ROGOSKI, IRENE T
	ROMAN, WILLIAM P
	ROTH, GERALDINE M
	RUFFIN, AUDRIANNA P
	SECRETO, MICHAEL V
	SENGSTOCK, FREDERICK F
	SHAW, GLORIA
	SIEBEL, JACK S
	SIGUERAS, CARMEN
	SIMMONS, ROBERT R
	SIMONS, ROGER E
	SULLIVAN, JOHN
	TANCREDI, MILDRED
	THOMPSON, TIFFANY J
	THURST, MARY H
	TILLERY, DOROTHY A
	TROCINO, HELEN C
	UNDERHILL, BRIAN A
	UNGER, ETHEL E
	VAZQUEZ, MARIAM
	WALSH, VERA A
	WYATT, HENRY E
137	DIANA, V
140	RIVER VALLEY
	SCHMIDT, KAREN E
149	SUCATO, COSMA
157	KLEIN, JOANNE L
161	DAWKIN, ALBERTON
167	SWEENEY, KATHY
170	LAWNS OF KINGSTONPOUGHKEEPSIE
190	SOTO, ALEXANDER
191	SOCIAL SECURITY ADMINISTRATION
	UNITED STATES GOVERNMENT
192	BROWN, GENO
	PERRY, SCOTT A
	RYAN, MICHAEL K
	SEALS, ALGION R
194	ACKERT, MARTHA
	AIKEN, STEPHEN
	BOWES, ANDRENE
	COLARUSSO, KATIE
	HALL, N
	JACKSON, PAT J
	KRAVITZ, CHARLES H
	LARKSMY, WILSON
	MURDAUGH, MAURICE W
	RIQUELME, ERIC
	SPAGNA, ANGELA
	WILLIAMS, SOPHIA

MAIN ST 2014 (Cont'd)

194	WILSON, LARKSMY
196	GETHERS, SHARON S
	WHITE, TANYA
198	CHRISTANE, RANDOLPH
	CONLEY, CHRISTIAN
	ENOS, KHALID
	RICKARD, ELISHA
200	BALL, ALLEN
	BOYCE, MICHAEL
	CUTTING BOARD THE DELICATESSENS
	HERRING, KENNETH
	LENT, ROSE
	LOWN, CATHERINE F
	LYNN, MARY
	MORALES, JOSE
	WORDEN, JOSHUA
202	CURTIS, GARY N
	GONZALEZ, ARIEL
	HUDSON HOUSE PARK INCORPORATED
	HUSTON, DIANNA J
204	RUNDEL & LONG REALSTATE MANAGEMENT
	TOBAK, LORA
	WILLIAMS, CHARLENE
205	ECKERSON, MARIE
206	JESTES, ROGER C
	MOJICA, JOSHUA
	THE OUT BAR
208	BENNETT, ANDRE
	CESTONE, LAUREN
	FRANCIS, BETTY A
	GRIER, SHAQUEEN
	GRIFFIN, JOCELYN
	HOWELL, SUZANNE J
	ISAAC, STANELY
	KILLEN, TEE
	MACKAY, EMILY
	MARRERO, JANET
	MILLER, JAMES J
	SASSANO, TARA
	SKELLAN, RYAN
	STEVENS, WHITNEY
	TILSON, HOLLY
	TORRES, FRANCISCO
210	ARRABACA, ANDREW J
	DAVIS, JOSEPHINE
	FOX, DONALD
	GARY, ANTOINE
	HAUSER, JOSEPH M
	HERRING, SHAQUISE
	HITES, JESSICA

MAIN ST 2014 (Cont'd)

210	JOHNSON, TIFFANY L
	JONES, CAROLYN
	MARMO, MICHELLE
	OBRIAN, KATHLEEN
	OBRIEN, KATIE
	PICCONE & GOLD
	SCHWARTZ, DANIEL A
	SIEH, ALBERT
	SMITH, MICHAEL A
	STILLMAN, DANIEL L
	TEJADA, LESVIA
	TODMAN, KENNETH
	TORRES, CHRISTINE A
	WALLACE, DENA J
	WOOD, BRANDON
214	LAW OFFICE OF JONNA M SPILBOR
218	AUTO WAREHOUSE
	PARAMOUNT AMUSEMENT COMPANY
220	BEHUNIAK, HEATHER
	BOWMAN, GEORGE U
	CHU, DEBBIE S
	EADY, WILLIE J
	HUMES, KENYA
	RHAMES, NAKIA S
	SCISM, MARK W
	SCOTT BARRY AGENCY INCORPORATED
	WAGNER, CHRISTINE M
226	FREDA, A

Target Street	Cross Street	Source
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MAIN ST 2010

70	COFFEY, JOHN
73	HABIAGUE, IRENE O
78	ZMIYARCH, JOSEPH A
85	SPANKYS RESTAURANT
96	CORTES, VICTOR N
	CRUZ, NAYELI
	ERSKINE, CYTHIA
	HUERTA, DAVID
101	BATES, LEROY
	JACQUIS HAIR SALON
	SHIELDS, CHRISTIAN
103	BURLINGAME
105	NORFLEET, TRACY
	WEST INDIES RESTAURANT
107	SOUL DOG
108	WERCHEN, TESSIE
109	KOKA, ORGES
	MARZULLO, GREGORY L
	MOISES, JOSE
	TACATIQUES
110	ACKERMAN QUINN FINANCIAL SVC
	ALDEN DMITRI MD
	ALDEN, DIMITRI
	AZHER SHAHEDA MD
	CROSSROAD SYSTEMS
	DRIVER REHABILITATIONHUDSON
	FIRST MORTGAGE CORP
	GEORGE PHYLLIS M
	GERBER, ALLEN Z
	JOHN F MC NULTY PC
	MARSHALL & STERLING INC
	MASTERRISK INC
	MC NULTY JOHN F MD
	MCNULTY, JACK
111	ACEVEDO, MARINA
	EMILIANOS PIZZA
113	MORALES, C
	SORIANO, ELDER R
115	MILANESE RESTAURANT
119	HENNEKENS, MARY
135	ANDERSON, DONALD O
	ANGELO, VIVIAN
	ANSON, VIRGINIA M
	ANTREASYAN, M
	AQUILINO, VINCENT J
	BACON, DORIS P
	BAKER, BETTE M
	BISHOP, LEONARD
	BURCH, STEVEN
	CAMMAROTA, PAUL F

MAIN ST 2010 (Cont'd)

135 CASH, LANZDALE
COLLIER, HELEN
CONTI, ANGELINA
COWAN, JEAN F
CUTTEN, HELEN G
CYPHER, PATRICIA A
DAVANZO, LINDA R
DEGILIO, ANNA E
DEKOSKIE, JOANN
DELGADO, GREGORIA
DENNY, SHIRLEY A
DERELLO, DONALD S
DOUGLASS, PHILLIP
DUTCHER, JAMES A
EDWARDS, GERALDINE A
EVANS, ANN C
FUENTES, SAMUEL N
GARCIA, CARMEN
GAYNOR, LAURENCE F
GONZALEZ, WILLIAM
GRAMMAS, JOHN L
GRANT, CLARA R
GREEN, ATKINS J
JER ROOFING & SIDING
JOHNSON, RICHARD
JOHNSON, SYLVESTER
KEOUGH, MARGARET
KLOTZ, PHILLIP
LEE, MATTIE M
LEMQUIST, JANET E
LETUS, BARBARA C
LIER, FREDERICK C
MARSHALL, MARY
MASTROCCO, TONI N
MCCAIN, MINNIE S
MCCULLOGH, BRENDA
MEDDAUGH, ALBERT E
MESSINA, FRANCIS
MORRISON, PATRICIA M
MOSSAKOWSKI, BERNARD
MUSCAT, FERNANDE
PARRIS, DAISY
PASQUA, LUCY
PELISH, ANN M
PEREA, JULIO C
PERRY, BETTY
PETERSON, ERIC S
PETRIANO, VINCENT
PLANELLS, JACK N
PLUNKETT, JAMES

MAIN ST 2010 (Cont'd)

135	POLHEMUS, LEONARD G
	POPE, JOHNNIE
	QUARLES, PEARL M
	RICCO, FRANCES
	RILEY, ROBERT
	RISING, SCOTT J
	ROBERTS, KENNEDY K
	ROBERTSON, ESTELLE C
	ROGERS, L M
	ROGOSKI, IRENE T
	ROMAN, WILLIAM P
	ROMERO, RAYMOND
	ROSSI, R
	ROTH, GERALDINE M
	RUFFIN, AUDRIANNA
	SHANO, GLORIA
	SHAW, MAY M
	SIEBEL, JACK S
	SIMMONS, ROBERT R
	SMITH, IRENE E
	STEVENS, E
	STRIDSBERG, ALBERT B
	SULLIVAN, JOHN
	TANCREDI, MILDRED
	TARTAGLIA, ELIZABETH A
	THOMPSON, ETHEL M
	TILLERY, LONISE
	TROCINO, ROSE A
	UNDERHILL, ROBERT R
	UNGER, ETHEL E
	VESS, E
	WAY, EMMA M
	WILLIAMS, ALICIA
	WILSON, MURIEL D
	WRIGHT, THERESA M
140	NEW RIVER VALLEY CARE CTR
	RIVER VALLEY
161	DAWKIN, ALBERTON
167	SWEENEY, KATHY
170	LAWNS OF KINGSTONPOUGHKEEPSIE
190	SOTO, ALEXANDER
191	US INTERNAL REVENUE SVC
	US LABOR DEPT WAGE & HOUR DIV
	US SOCIAL SECURITY ADMIN
192	KRAVITZ, MICHAEL A
	PERRY, SCOTT M
	SMITH, LLOYD G
194	ACKERT, MARTHA
	BRANCH, SANDRA D
	GUERRERO, DIANA

MAIN ST 2010 (Cont'd)

194	GUEST, PETER L
	JACKSON, JERRY
	KATSAMANIS, IRENE
	KLAVITZ, EVALYN
	LARKSMY, WILSON
	LOPEZ, JUDITH
	MARTIN, JOHN P
	MCGRAW, KATHERIN
	NEWMAN, EILEEN
	PEREZ, ALFONSO
	RIQUELME, ERIC
	ROBINSON, MARK A
	SPAGNA, ANGELA
	SUPERIOR SOUNDS DJ
	TORBITT, SHELBY
	WILLIAMS, JAMES
	WILSON, LARKSMY
196	DECICCO, RICHARD M
	GAS GALLERY & STUDIO
	GETHERS, SHARON
	JOHNSON, VERNAE
198	CONLEY, C
	FLOOD, BRANDY A
200	ALVAREZ, ELEANOR
	BERNARDINI, MELISA
	BONET, JASON
	CONKLIN, DANIEL
	CUTTING BOARD
	KROM, ROBIN
	MARTINEZ, ELIZABETH
	MORALES, JOSE
	RUPPERT, GAIL
	VANDENBURG, PETER
202	CONTRERAS, JOYCE E
	LJEKOCEVIC, DAJANA
	MAAS, ERIC
	WILLIAMS, ADAM
204	SANTIAGO, CARMEN
205	ECKERSON, MARIE
206	BERTRAND, VALERIE A
	CHAMLEY, TAMEEKER
	TONUBBEE, CRAIG
208	BENNETT, ANDRE
	CELIS, ALFREDO
	DANIELS, TANAYA
	FRANCIS, BETTY A
	HOWELL, SUZANNE
	ISAAC, STANELY
	KILLEN, TEE
	MILLER, JAMES J

MAIN ST 2010 (Cont'd)

208	QUINTANAR, SONIA S
	SKELLAN, RYAN
	SWEAT, JERE
	THOMAS, SHEMONIE
	UKAJ, REXHAP
210	ABBOTT, SHIDON
	AVENDANO, GREGORIO J
	BALDWIN, AMANDA
	BERNARD, ALISSA M
	BROOKS, AKIYA
	CARENBAUER, SARAH
	CELIS, JORGE
	GONZALEZ, CARLA
	GRIZZARD, CERRON
	HITES, JOANNE G
	HUSSEY, SHARON
	HUZZY, WENDI
	IRVING, JAHMAL L
	KOWALSKI, PETER
	LOPEZ, FRANCISCO
	MAJADI, MAI Y
	MARKLAND, ALEXANDRA
	MASOTTI, ELISSA
	PEREZ, NICOLASA S
	PICCONE & GOLD
	PITTS, ROBERT
	POLHILL, DAVID
	RINCON, IVELISSE
	RINGLER, SHANDA
	RUKAB, MAJIDA
	SIEH, ALBERT
	SMITH, MICHAEL A
	THORPE, SHANTA
	WALLACE, DENA
	WILLIAMS, SHAMAR T
	WOOD, BRANDON
214	AIDS RELATED COMMUNITY SVC
	COOPER, WENDY
218	CREATIVE TRENDZ
	JOSEPH, THOMAS
	LUCIANO, MARC
	PINZON, OSCAR
220	BARRY SCOTT
	BOWMAN, GEORGE
	CHU, DEBBIE S
	CLARK, ALFRED
	FIGUEROA, JAZMIN
	FOCARILE, DANEASE T
	MAKINDE, MICHEAL
	PATTERSON, TIMOTHY L

Target Street	Cross Street	Source
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MAIN ST 2010 (Cont'd)

220 SAYER, SIHAM

Target Street	Cross Street	Source
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MAIN ST 2005

64	SCHEINBACH, BARRY
70	HUDSON UNITED BANK
73	HABIAGUE, IRENE O
95	EL AZTECA GROCERY
96	96 MAIN
	BENGOUGH, LESLIE
	CORTES, VICTOR N
	CUMMINS, PEGGY J
	HUERTA, DAVID
	JIMENEZ, LUZ J
	MELBROOK FOOD MANAGEMENT CORP
	RAEMER, HILLARY
97	EL AZTECA
101	ALBURY, SELESTE
	CENTRAL HUDSON ENTPS CORP
	GRISSETT, ESSENCE
	MYKE, CLARVIS U
	TARULLI, JASON
103	BURLINGAME, RICHARD A
	BURLINGAMS
	JOHNSON, MANUEL A
105	TAMON, MONICA
107	SOUL DOG
109	ACEVEDO, MARINA
	JOHNSON, CASSANDRA L
	KOKA, ORGES
	LITTLE CS BEAUTY SALON
	VICENTE, JOSE
110	AAMES HOME LOAN
	ALDEN, DIMITRI
	ASSOCIATES LLC
	DR ALDEN DMITRI MD PC
	GERBER, ALLEN
	JOHN MCNULTY MD
	MARSHALL & STERLING INC
	MCNULTY, JACK
	OSHEA, JOHN P
	PAUL W KUTEY
	RAPPORT MEYERS
	RETIREMENT MANAGEMENT C INC
	SCORE
111	PELLEGRINI, E
113	DAMATO, JUSTIN
	MILANESE, ALESSANDRO V
	MORALES, C
	SANTINO, MILANESE
	SORIANO, ELDER R
115	MILANESE RESTAURANT
135	ADMIRAL, HALSEY S
	ANDERSON, DONALD O

MAIN ST 2005 (Cont'd)

135 ANSON, VIRGINIA M
ANTREASYAN, M
AQUILINO, VINCENT J
BACON, DORIS P
BAKER, BETTE M
BARNARD, ALBERT E
BECK, LOUISE
BERGAMINI, BEATRICE S
BILLINGS, SHIRLEY B
BISHOP, LEONARD
BOWE, ELIZABETH
BUSH, JAY S
CARROLL, RICHARD
CASALI, MARY A
CASH, VIRGINIA C
COLACICCO, VIOLA J
COLLIER, HELEN
COWAN, JEAN F
CUTTEN, HELEN G
DAVIS, BETTY J
DAVIS, ESTELLE E
DEGILIO, ANNA E
DISABLED AMERICAN VETERANS DEPT
DIXON, M E
DUDEK, A
DUNCAN, FRED A
DUNN, E
ELLMAN, CONRAD
FAUSTINO, ISABEL
FELLS, MILDRED E
FOOHT, IRMA
FRANCIS, JOSEPH P
FRANK, ANNIE L
GAYNOR, LAURENCE F
GONZALEZ, WILLIAM
GORDON, RUTH E
GRANT, CLARA R
GREEN, ATKINS J
HARPER, H
HARRIGAN, FRANK J
HAYES, ELLEN P
HOUCK, J
HUGHES, ROBERT
JORGENSEN, ELEANOR R
JUAVINETT, JOHN
KING, N
KOCON, S
LUX, MARLOW
LYONS, A
LYONS, EILEEN

MAIN ST 2005 (Cont'd)

135 MAHER, B
MASTRI, CARMELLA M
MATHEWS, ALISON
MCCAIN, MINNIE S
MEDDAUGH, ALBERT E
MORRISON, PATRICIA M
MOYER, VIRGINIA
MURTHA, ROSE M
MUSCAT, FERN
NAZAK, ANNA D
NICKERSON, ELWOOD L
NORTH, MARY M
OLEARY, CATHERINE
OTERO, ELIZABETH
PALMIERI, MARGARET
PEREA, JULIO C
PERRY, BETTY
PETRIANO, VINCENT
PIZZARELLI, HELEN
PLANELLS, JACK N
PLUMMER, RUTH
POLHEMUS, GEORGE W
POPE, JOHNNIE
PUCCILLO, S
QUELLHORST, ALEC D
RELYEA, SARAH V
ROGERS, L M
ROGOSKI, IRENE
ROTH, GERALDINE M
SCHMADEL, FRANK R
SEHMADEL, HENRY G
SHANO, G
SHAW, HENRY V
SHUMER, SYLVIA E
SIEBEL, JACK
SIMMONS, BARBARA A
SMITH, IRENE I
STEVENS, E
STEWART, A
TALABER, GERTRUDE H
TANCREDI, MILDRED
TARTAGLIA, ELIZABETH A
TAYLOR, GEORGE P
TERVENSKI, GERTRUDE F
THOMPSON, ETHEL M
UNGER, ETHEL E
VESS, E
WAY, EMMA M
WEST, RICHARD A
WHITAKER, GLADYS

MAIN ST 2005 (Cont'd)

135	WILLIAMS, ALICIA
	WILSON, MURIEL D
	YEAPLE, D
138	SAPPIA, MARGARET
140	RIVER VALLEY CARE CENTER INC
171	VILLAGE GALLERY & FRAME SHOPPE
191	EMPLOYMENT STANDARDS ADM
	SOCIAL SECURITY ADMINISTRATION
192	BABAIAN, JOHN
	BARRETT, KEVIN
	BRYAN, D
	COLLAZO, DAVID R
	MYERS, NATHAN
	SMITH, LLOYD G
194	ACKERT, MARTHA
	BRANCH, SANDRA D
	DECKER, KENNETH
	KATSAMANIS, IRENE
	MCGRAW, KATHERIN
	SANCHEZ, ANDREA
	TORBITT, SHELBY
196	KESSLER, LORRAINE
198	MONTES, DANTE
200	CRUZ, HERON
	CUTTING BOARD THE
	REYES, REYNA G
202	BLUMIN, DANIEL
	DEMITASSE
	DOMENICO, DEAN
	LONG, RYAN A
204	BEHRENDS, JON
	CAJA, PATRICIA C
	GALLERY SHOP
	KELLY, ADREANNE A
	SPENCE, NATE
	YOUNG, MIKE
206	CURTIS, ANTHONY
	JESTES, ROGER
208	AMARO, ROBERT
	BURNEY, RAY
	CELIS, ALFREDO
	IWAHASHI, KOJI
	SWEAT, JERE
210	BRIGGS, TINA
	BROOKS, AKIYA
	CAMPBELL, SHERON
	CLARK, HILARY
	DONAHUE, EMILY
	FANNING, DAWN
	FINEK, BRANKO

MAIN ST 2005 (Cont'd)

210	FIORITO, CARL D
	GRIZZARD, CERRON
	HOUSER, NANCY
	INCORVAIA, MARCO
	JOHNSON, CARLTON
	JONES, RODERICK
	KADEN, GEORGE
	KOWALSKI, PETER
	MAILLET, MOSES A
	MAIORANA, MELISSA
	MEDINA, NICOLE
	NORFLEET, MELANIE
	PLACE, MARYANN L
	POLLARA, GINA
	PRYOR, RALPH
	QUINTILIANI, WILLIAM
	RINGLER, SHANDA
	SALINAS, KEVIN
	SMITH, MICHAEL A
	SOLIS, YESSENIA
	STILLMAN, DANIEL
	WALLACE, D
214	COOPER, WENDY
	MAY SKY INC
218	A CONTRACTING INC
	BAKER, COTLYN
	NESHEIWAT FIRAS
	NESHEIWAT, FIRAS
	NEWELL, SEAN A
220	BARRY SCOTT AGENCY INC
	BOWMAN, GEORGE
	HORTON, CHRISTOPHER A
	MINTON, EBONE
	PATTERSON, TIMOTHY
	RIVERA, AUGUSTINE
	WALSH, STEPHEN M

Target Street	Cross Street	Source
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MAIN ST 2000

85	SPANKYS RESTRNT
91	FISHKILL VILLAGE OF PROTECTION ENGINE CO NO 1
96	DERBY RESTAURANT
97	RIVER WINE & LIQUOR
101	BERNER, JENNY
	MARZULLO, GREGORY L
	MITZI & NORMA BEAUTY SALON
103	BURLINGAME, GEORGIA R
	BURLINGAMES
105	GOODFEATHERS CHICKEN & RIBS
	GUERRA, JOSE
107	CABOOSE CAFE
109	ALARCON, PEDRO
	ARIAS, FELIPE
	GLAMOROUS NAILS BOUTIQUE
	GUERRA, JOSE R
	QUIJADA, ALEIDA
110	CENTRAL HUDSON ENTERPRISES CORPORATION
	CH RESOURCES INCORPORATED
	CHAMBER OF COMMERCE POUGHKEEPSIE AREA
	CROSSROAD SYSTEMS
	FIRST MORTGAGE CORPORATION
	GRANT RICHARD E CPA
	KUTEY PAUL W CPA
	LIGHTHOUSE INCORPORATED THE
	MARSHALL & STERLING INCORPORATED INS
	OCCUPANT UNKNOWN,
	POUGHKEEPSIE AREA CHAMBER OF COMMERCE
	RAPPORT MEYERS WHITBECK SHAW RODENHAUSEN
	SALAND STEPHEN M LAW OFFICE
	SCORE
111	EMILIANO PIZZA
	FARRELL, FRANCES
	MILANESE, SANTINO
113	MARTINEZ, MIGUEL
	MILANESE, A V
	PEREZ, R
115	MILANESE RESTRNT
	OCCUPANT UNKNOWN,
135	ADMIRAL HALSEY SENIOR VILLAGE
150	ST FRANCIS HOSPITAL
168	CELESTE, MICHAEL J
170	LAWNS OF KINGSTON POUGHKEEP
191	SOCIAL SECURITY ADMINISTRATION DUTCHESS COUNTY
	UNITED STATES GOVERNMENT
	UNITED STATES GOVERNMENT HEALTH & HMN SERVICES DEPARTMENT OF
	UNITED STATES GOVERNMENT LABOR DEPARTMENT WAGE & HOUR DV
192	ALMAJADI, MAI
	LAWRENCE, C
	TAYLOR, R

MAIN ST 2000 (Cont'd)

194	BOWMAN, R
	CHERRY, DENISE
	GREENE, RONALD
	POWERS, A
196	KESSLER, LORRAIN
	LORRAINE KESSLER GALLERIES
	SCHULTZ, RICHARD M
	WILLIAMS, BRENNAN D
198	MURPHY, ATESSIA T
	THOMAS, L
200	CUTTING BOARD THE
204	BEHRENDS, JON
208	OCCUPANT UNKNOWN,
210	ANDERSON, GUY
	BELL, H
	CAIN, PAUL
	CLAWSON, H
	CROWELL, EDWARD
	FREEMAN, E
	GALE, SARAH
	HAMIEL, JAMES
	HENRY, C
	HOUSTON, J
	KARA, J
	LAIN, THOMAS
	MONACO, B A
	MONTIJO, DAVID
	NELSON, T
	PARKER, R
	PICCONE & GOLD
	POWELL, V
	RIFENBURGH, BILL
	RINGWOOD, K
	RIVERA, OLGA
	SENECAL, RANDY J
	TWYMAN, E
	VICENTE, JOSE
211	OCCUPANT UNKNOWN,
214	ARCS
218	RIVER REALTY
220	ASKEW, EUGENE
	BARRY SCOTT AGENCY INCORPORATED
	BREWER, S G
	GONZALEZ, HECTOR M
	HARDERS, RANDY
	PERCY, DUANE A
	SAXON, DANA
	TAYLOR, EUGENE C
	VEGA, DAVID
223	DUTCHESS CNTY OF HEALTH DEPARTMENT GEN INFORMATION

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MAIN ST 1995

85	SPANKY'S RESTRNT
96	TROLLEYS
103	BURLINGAME'S
105	HUNTER'S DELI-MART
110	CENTRAL HUDSON ENTERPRISES CORP
	CHAMBER OF COMMERCE-POUGHKEEPSIE AREA
	COOPERS & LYBRAND LLP
	GRANT, RICHARD E, CPA
	KUTEY, PAUL W, CPA
	LIGHTHOUSE INC THE-OFFICE LOCATIONS-REGIONAL OFFICE FOR HUDS
	MARSHALL & STERLING FINANCIAL CONSULTANTS INC
	MARSHALL & STERLING FINANCIAL PLANNING
	MARSHALL & STERLING FINANCIAL PLANNING & BENEFITS
	MARSHALL & STERLING INC, INS-POUGHKEEPSIE OFC
	MASTER-RISK INC
	POUGHKEEPSIE AREA CHAMBER OF COMMERCE
	RAPPORT MEYERS GRIFFEN WHITBECK
	SALAND, STEPHEN M, LAW OFFICE
	SCORE
111	EMILIANO PIZZA
115	MILANESE RESTRNT
135	ADMIRAL HALSEY SENIOR VILLAGE
191	BERNSTEIN, KENNETH M, ATTY
	COOMBS KRANIS & WING PC, ATTYS
	COOMBS, JAMES E, ATTY
	DAVIES, CHARLES D, GENL CONTR
	EVERETT DAVID R, ATTY
	HUDSON IMAGING NETWORK
	HUDSON RIVER RADIOLOGY MSO INC
	KRANIS, MICHAEL D, ATTY
	MOLINARO, RACHEL A, ATTY
	SOCIAL SECURITY ADMINISTRATION OFC LOCATIONN
	SOCIAL SECURITY ADMINISTRATION-OFC LOCATIONS-POUGHKEEPSIEE
	US GOVERNMENT-SOCIAL SECURITY ADMINISTRATION-OFC LOCATIONS-P
	US GOVT HEALTH & HUMAN SERVICES DEPT O SOCIAL SECURITY ADMIN
	WING, STEPHEN J, ATTY
196	LORRAINE KESSLER GALLERIES
198	LYNN PRINT GALLERY
200	CUTTING BOARD THE
214	MAHER & BROFMAN, ATTYS
218	RIVER MANAGMNT DEVELOPMENT & REALTY INC
	RIVER REALTY

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MAIN ST 1992

85	SPANKY'S RESTRNT
96	CORDERO, EMANUEL
	GADBOIS, G
	ORMSBY, C L
	RICHARDS, D
	SFORZA, L
97	BAKERY THRIFT OUTLET
	FALANGA'S DAIRY
100	SCORE
101	CODY, CHIKELA
	MANSOUR, AHMED
	MIGLIORE, BRETT
	PRADINES-ZAMPKO, BEATRICE
	SWART, JEFFREY
	TRADEMARK
103	BURLINGAME'S
	BURLINGAME, GEORGIA ROE
	MURPHY, OLIVE S
105	ROSARIO'S GROCERY
109	DUTCHESS COUNTY OF MENTAL HYGIENE DEPT OF PEOPLE INC
	GIAMMATTEO, GIROLAMO
	PEOPLE INC
110	CENTRAL HUDSON ENTERPRISES CORP
	CHAMBER OF COMMERCE-POUGHKEEPSIE AREA
	FREDERICK & ASSOCIATES FINANCIAL SERVICES
	MARSHALL & STERLING INC, INS-POUGHKEEPSIE OFC
	MASTER-RISK INC
	POUGHKEEPSIE AREA CHAMBER OF COMMERCE
	RAPPORT MEYERS GRIFFEN WHITBECK
	SALAND, STEPHEN M, LAW OFFICE
	SEARS MORTGAGE CORP
111	HUDSON VALLEY SPORTSMAN CLUB
	MILANESE, DANIEL
	MULLEN, L
	PELUSO, LOUIS
113	MILANESE, GINALEA
	MILANESE, SANTINO
	VOLINO, SABATO
115	MILANESE RESTRNT
135	ACKERMAN, B
	ADMIRAL HALSEY SENIOR VILLAGE
	AMATO, M W
	BARTHOLF, E B
	BERBRICH, M M
	BLEEN, WILLIAM T
	BOCCHINO, ELIZABETH
	BOTH, G S
	BRENNER, AGNES C
	CANDLES, F
	CARPENTER, D

MAIN ST 1992 (Cont'd)

135 CHAMBERS, ALMA M
CHIAPPE, THOMAS
COLLIER, H
COOPER, L
COTTON, D L
DALBO, THOMAS
DANIELS, D
DANSKY, R
DAUT, FRED
DE MARTINO, G
DI GIACOMO, E
DUNCAN, G E
ELEM, E L
ELIAS, M
FELLS, M
FRIES, A
GALVIN, A
GOLDTHORPE, L
GRIFFIN, I D
GUERTIN, L
HAMILTON, CHARLES J
HARRELL, A D
HART, KATHLEEN
HOWLETT, A C
HUCK, L
HUSTON, V
KING, EDITH
KOCH, V
LAWLOR, EDWARD J
LEO, ANTHONY
LUCAS, M
LYONS, EILEEN
MAGENNIS, FRANK R
MALUSEV, GEORGE
MANSFIELD, S M
MARTINO, H
MC MILLIAN, ALBERTA G
MORGAN, LOUISE
MULI, PASQUALE
MURPHY, B
MURPHY, R
MURPHY, RICHARD J
NOBLE, RALPH
OTERO, E
PALMIERI, M
PALMITIER, H
PANCIO, PAUL & ELISABETH
PATTANTYUS, T
PERILLO, MARY
PERRY, B

MAIN ST 1992 (Cont'd)

135	POWELL, LUCY ETTA
	REDEKER, C
	RICHARDS, THERESA
	RIVERA, M
	ROGOSKI, I
	SCHOLEFIELD, CHARLES W
	SCHUG, AUGUST
	SHELL, JOSEPH D
	SHOOK, ROBERT
	SIMONS, A
	SMITH, E IRENE
	SMITH, MARY V
	SOUTHWARD, JAMES W & MAE
	SPENCER, W
	STEINBACH, LESTER
	STRONG, L & B
	TANCREDI, MILDRED
	TANG, JULIA
	TARAN, CATHERINE
	TARTAGLIA, ELIZABETH
	TAYLOR, M
	TOTH, G
	TULLY, ANDREW
	VANEK, JOHN
	WOR, ANNA
191	BERNSTEIN, KENNETH M, ATTY
	COOMBS KRANIS & WING PC, ATTYS
	COOMBS, JAMES E, ATTY
	KRANIS, MICHAEL D, ATTY
	MOLINARO, RACHEL A, ATTY
	NOXON CONSTRUCTION CO
	RICHARDS, JEFFERY, LWYR
	WING, STEPHEN J, ATTY
192	BONANZA BUS LINES INC
	FREEMAN, P
	KIZITO, JAMES S
	TAYLOR, FRANCES
196	CALISE, K
	KESSLER, LORRAINE
	LORRAINE KESSLER GALLERIES
198	BETSCHA, PAUL
	MIRABELLE, ROBERT P, II
	SHAY, ERIC
200	OSBORNE, DAWN M
204	CUTTING BOARD THE
206	BURGOS, TARNA
	JENNINGS, J D
210	BOLAND, ROBERT
	CAMMARATA, M
	CAMPBELL, MARY

MAIN ST 1992 (Cont'd)

210	CLAWSON, H
	COOK, B
	CULLEN, ROY, SR
	EVANS, ADRIENNE
	GALBAN, N
	GIBBS, BARRY
	GREEN, LUTHER
	JOHNSON, B L
	LYONS, WADDELL
	MORGAN, STANLEY
	MOULTRY, R
214	JUST ABSTRACTS INC
	STATEWIDE ABSTRACTS CORP
218	MCCROSSEN, DOUGLAS
220	FALINA, MARK
	RIVER MANAGMNT DEVELOPMENT & REALTY INC
	RIVER REALTY
	WELLS, AYO
	WILLIAMS, SIMONE

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MAIN ST 1988

113★Ahmed Mansour
Volino Sabato 473-1784
★Samra E L
115 Milanese Restaurant 471-9533
N PERRY ST BEGINS
S PERRY ST BEGINS
135 Admiral Wm F Halsey Senior Village apts 471-9788
101 Kelly J 485-7777
102 Mc Millian A 473-2776
103 Digiacomo E 452-7661
104 Petrone M 454-8678
105★Poancio Paul
106 Galvin A 473-9042
107★Strong L 473-0853
108 Johnson Pearl Mrs 473-1636
109 Vacant
201★Hernandez S 473-0238
202★Dorn Agnes F Mrs 454-5346
203 Powell Lucy E Mrs 454-9793
204 Freer Alice Mrs 454-3932
205 Jones Robt F 452-1021
206 Connelly 471-1105
207 Nixon Gloria 473-4857
208★Slavik Manton 452-2753
209 Lyons Eileen 471-7328
210★Shook Robt 454-0386
301 Wicker Viola M 471-5940
302★Murphy Danl 454-3267
303 Bartholf Eliz B Mrs 471-5652
304★Brond I 454-9801
305 Kotkin Sidney 471-9477
306★Fries F
307 Elias Mary M Mrs 471-4814
308★Palmitier Helen 452-4425
309 Parsons Edith Mrs 471-8018
310 Calogero Salvature 471-6315
401★Lake H 452-7245
402 Vanek Angelina M Mrs 452-5496
403★Hart Kathleen 452-2037
404 Spencer Bettina 471-9686
405 La Rue Millicent E Mrs 473-2787
406★Britt M 454-9289
407 Goldthorpe Louise Mrs 471-4876
408★Rinkle Mildred 452-7660
409★Demartino Giovanna 473-3890
410 Lo Giudice Josephine 473-3537
501 Johnson Sara 471-9718
502 Fryar Anna Louise 471-8679
503 Lucas Vincenza Mrs
504★Jamieson R E Mrs 454-0838
505★Porter Florence 473-2984
506 Bub C C 454-5272
507 Taylor Earl A 471-3012
508 Bleen Wm T 473-4595
509 Taran Cath 473-7441
510 Southward James W 471-4217
601★Engler Lisette 454-1758
602★Whisple D 454-4495

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MAIN ST 1988

603 Amato Mildred W Mrs 473-3102
604★Grant M
605 Chambers Alma M Mrs 454-4523
606 Koch Vera Mrs 473-4768
607 Higgins Robt W 454-6451
608 Ackerman Blanche Mrs 471-2306
609 Dalbo Thos 473-2394
610 Scholefield Charles W 473-4167
701★Daut Fred 452-1979
702 Carpenter Dorothy M 454-2186
703 Kingsley Sarita 471-9035
704 Minet Helen V Mrs
705 Tartaglia Eliz 471-0154
706 Dansky Rose 454-8256
707 Richards Theresa G Mrs 471-6367
708 Schug Katharina T Mrs
709 Taylor Margt S 473-7943
710 Smith Mary V 452-0363
801 Perillo M 452-6079
802 Bowman Evelyn L Mrs 454-7837
803 Tully Andrew W 471-0698
804★Cooper C 485-6292
805★Frazier M 452-2402
806★Pattantyus T 473-2042
807 Rusnock Andrew 471-0574
808 Both Gladys S Mrs 471-9532
809★Morgan L 473-5499
810 Daniels Margt M Mrs 471-4979
901 Vassillew Thos J 452-6860
902 Lawlor M 471-6414
903 Cassell O 471-0417
904 Howlett Anna C Mrs 473-3682
905 Vinberg Blanche 485-8784
906 Simons Ada Mrs 452-5461
907★Daniels F D 451-5808
908★Harrell A 454-4240
909 Redeker Caroline Mrs 471-0970
910 Tang Thos 471-8088
1001 Guertin L 452-5583
1002★Steinbach M 471-8765
1003 Smith Eliz I 454-5928
1004 Huston Viola B Mrs 473-4299
1005 Cronk A 471-6533
1006 Rivera Monserrata S Mrs 471-3892
1007 Murphy Janet M 471-6699
1008★Lucus M
1009★Walden D 452-5421
1010★Chiappe N 454-7516
1101 Quick E
1102★Amato R M 452-6017
1103 Kocon Stella Mrs 471-8806
1104★Magennis M 452-3135
1105★Hamilton C 452-9629
1106 Martino Helen 454-7327
1107 Malusev Geo 454-8349
1108 Bozsella Julia M Mrs 452-6863
1109 Berbrich Margt M 471-5839
1110★Duncan G 471-5902
1201 Moseley Ida J Mrs 471-1196
1202★Martin J
1203★Lee M 471-7707
1204 Lampropoulos Alexandra Mrs 473-3768
1205 Walton I 452-6572
1206 Post M 452-6671
1207★Belliezi T 473-9063
1208 Boone Sarah Mrs 471-1397
1209★Candles F 473-8201
1210 Doyl F M 452-7409

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MAIN ST 1985

N CLOVER ST BEGINS
101 Vacant
103 Riches To Rags thrift shop
105 Butcher Boy gro & meats 471-3190
★Vitrone Lewis T 473-7934
109 Perry Barbara
Volino Francesca Mrs 473-1784
Acampora Alfonzo
111 No Return
113 Milanese Santino ◎ 454-3059
★Volino Sabato 473-1784
115 Milanese Restaurant 471-9533
N PERRY ST BEGINS
S PERRY ST BEGINS
135 Admiral Wm F Halsey Senior Village apts 471-9788
101★Kelly J 473-7343
102★Mc Millian Alberta G 757-5371
103 Digiacomo
104 Petrone Mary Mrs 471-3615
105 Mc Millen Merrill S 473-5603
106 Galvin
107 De Sanctis
108 Johnson Pearl Mrs
109★Whiteley Clifton L 471-2606
201 Frye Betty Mrs
202 Dallow Victoria J 473-3924
203 Powell Lucy E Mrs 454-9793
204 Freer Alice Mrs 454-3932
205★Jones Robt F 452-1021
206 Connelly
207 Nixon Geo M
208 Daddario
209 Lyons
210★Ladson P 473-3794
301 Wicker Viola M 471-5940
302 Sheehan Ralph J 454-4884
303 Bartholf Eliz B Mrs 471-5652
304 Dawson
305★Kotkin Sidney
306★Sandy Cornelius R 454-8955
307 Elias Mary M Mrs 471-4814
308 Schuler Betty E Mrs 452-4461
309 Parsons Edith Mrs
310 Calogero
401★Orr A M 473-4163
402 Vanek Angelina M Mrs 452-5496
403 Mangerillo
404 Spencer
405 La Rue Millicent E Mrs
406 Abdoo Rose Mrs
407 Goldthorpe Louise Mrs 471-4876
408★Hurley M 454-1599
409 Biondo Theresa 471-6429
410★Logui Dice

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MAIN ST 1985

501★Johnson Sara
502 Fryar
503 Lucas Vincenza Mrs
504 Chiarella Sarah E Mrs
505 Vacant
506★Bub C C 454-5272
507 Taylor Earl A
508 Bleen Wm T 473-4595
509★Taran Cath 473-7441
510 Southward James W 471-4217
601 Sturgis Alice F Mrs 471-4586
602★Powers B 471-4010
603 Amato Mildred W Mrs 473-3102
604 Levy Mary Mrs 454-8226
605 Chambers Alma M Mrs 454-4523
606 Koch Vera Mrs
607★Higgins Robt W 454-6451
608 Ackerman Blanche Mrs 471-2306
609★Dalbo Thos 473-2394
610 Scholefield Charles W 473-4167
701★Hetey Mary V Mrs 471-8161
702★Carpenter Dorothy M 454-2186
703 Kingsley Walter W 471-9035
704 Minet Helen V Mrs
705 Tartaglia
706 Dansky Rose 454-8256
707 Richards Theresa G Mrs 471-6367
708 Schug Katharina T Mrs
709 Taylor Margt S 473-7943
710 Smith Mary V 452-0363
801★Perillo O
802 Bowman Evelyn L Mrs 454-7837
803 Tully Andrew W 471-0698
804★Jamison Louise Mrs 473-5230
805 North
806★Regler B 471-6561
807 Rusnock Andrew 471-0574
808 Both Gladys S Mrs 471-9532
809 Digilio Eliz Mrs
810 Daniels Frank V 471-4979
901★Vassillew Thos J 452-6860
902 Lawlor Edward J 471-6414
903 Cassell
904 Howlett Anna C Mrs 473-3682
905 Vinberg Blanche
906★Simons Ada Mrs
907 Lauria Frank
908 Kearney Geraldine R 471-8939
909 Redeker Caroline Mrs 471-0970
910 Tang Thos
1001★Guertin L 452-5583
1002 Jamieson
1003 Smith Harold J 454-5928
1004 Huston Viola B Mrs 473-4299
1005 Cronk
1006 Rivera Monserrata S Mrs 471-3892
1007 Murphy Richd J 471-6699
1008 Mendlowitz Estelle 452-7875
1009 Miczko Kath Mrs 473-4831
1010 Newborg Josephine Mrs 473-4869
1101 Quick
1102 Yamen Mary Mrs 473-4485
1103 Kocon Stella Mrs
1104 Delehanty Gertrude L Mrs 473-7858
1105 Parker Ruth W Mrs 452-5522
1106★Martino Helen 454-7327
1107 Malusev Geo 454-8349
1108 Bozsella Julia M Mrs 452-6863
1109 Berbrich Margt M 471-5839
1110 Hausle Eleanor Mrs 473-4766
1201 Moseley Ida J Mrs

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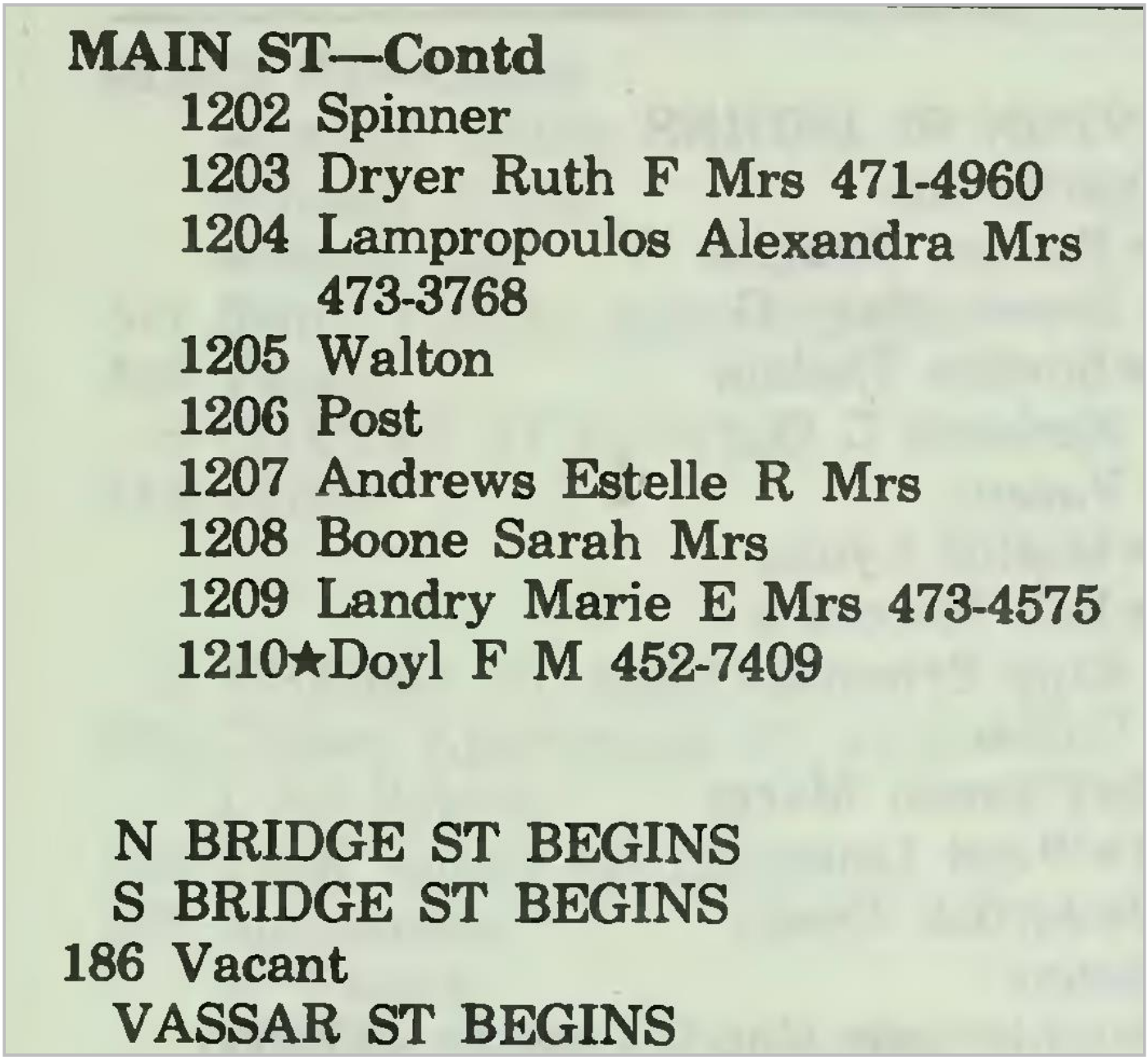
MAIN ST 1985



MAIN ST—Contd

1202 Spinner
1203 Dryer Ruth F Mrs 471-4960
1204 Lampropoulos Alexandra Mrs 473-3768
1205 Walton
1206 Post
1207 Andrews Estelle R Mrs
1208 Boone Sarah Mrs
1209 Landry Marie E Mrs 473-4575
1210★Doyl F M 452-7409

N BRIDGE ST BEGINS
S BRIDGE ST BEGINS
186 Vacant
VASSAR ST BEGINS

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MAIN ST 1980

105 Butcher Boy gro & meats 471-3190
Zani Delio 452-4732
107 Milanese Barber Shop
109★Vegeto Maria
Volino Francesca Mrs 473-1784
★Acampora Alfonzo
111 N Y State Urban Dev Corp (section 8 hsing prog) 471-2945
Milanese Vincenzo © 452-6235
Adamo Giuseppe 452-1657
113 Milanese Santino 454-3059
Vacant
115 Milanese Restaurant 471-9533
N PERRY ST BEGINS
S PERRY ST BEGINS
135 Admiral Wm F Halsey Senior Village 471-9788
101 Johnston Woodard E 471-5692
102 Crossley Mori H 452-4593
103 Scheltmeyer Emily M Mrs 471-2178
104 Petrone Mary Mrs 471-3615
105 Mc Millen Merrill S 473-5603
106 Trebby Jean Mrs
107 Ortung Wm
108 Johnson Pearl Mrs
109 Hurley Cornelius M 454-1599
201 Frye Betty Mrs 471-0024
202 Dallow Victoria J 473-3924
203 Powell Lucy E Mrs 454-9793
204 Freer Alice Mrs 454-3932
205 Hallock Edith R Mrs 471-4381
206 Connelly Leora L Mrs
207 Nixon Geo M 473-2200

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MAIN ST 1980

MAIN ST—Contd
208 Harris John W 473-2733
209 Norton Monica Mrs 454-0247
210 Jones Isaac
301★Wicker Vi
302 Sheehan Ralph J 454-4884
303 Bartholf Eliz B Mrs 471-5652
304 Dawson
305 Finn John F 471-4226
306 Baker Evelyn Mrs 473-1279
307 Elias Mary M Mrs 471-4814
308 Schuler Eliz 452-4461
309 Parsons Edith Mrs
310 Worms Stephanie V Mrs 473-1598
401 Collins Allna M Mrs
402 Vanek Angelina M Mrs 452-5496
403 Becker Mary K Mrs 454-8248
404 Albert Elsie H 471-4938
405 La Rue Millicent E Mrs 473-2787
406 Abdoo Rose Mrs
407 Goldthorpe Louise Mrs 471-4876
408 Roberts
409 Biondo Theresa 471-6429
410 Chianese Vincent
501 Zipes Anna Mrs 471-4527
502 Delaney Caroline R Mrs 471-4496
503 Lucas Vincenza Mrs
504 Chiarella Sarah E Mrs 454-4639
505 Porter Florence E Mrs 473-2984
506 Brophy James 473-3515
507 Taylor Earl A 473-4047
508 Bleen Wm T 473-4595
509 Vinberg Blanche L Mrs 471-6459
510 Southward James W 471-4217
601 Sturgis Alice F Mrs 471-4586
602 Rifkin Rebecca Mrs 473-4079
603 Amato Mildred W Mrs 473-3102
604 Levy Mary Mrs 454-8226
605 Chambers Alma M Mrs 454-4523
606 Koch Vera Mrs
607 Traver Hazel B Mrs 452-7748
608 Ackerman Blanche Mrs 471-2306
609 Cropp Louise A Mrs 471-4382
610 Scholefield Charles W 473-4167
Schneider Eliz T Mrs
702 Brown Carolyn M Mrs 473-4841
703 Kingsley Walter W 471-9035
704 Minet Helen V Mrs
705★Royster Harry L 454-1334
706 Dansky R 454-8256
707 Richards Theresa G Mrs 471-6367
708 Schug Katharina T Mrs
709 Seebach Virginia E 473-2386
710 Russell Marion E Mrs 471-8715
801★Hodge Florence Mrs 473-9057
802 Bowman Evelyn L Mrs 454-7837
803 Tully Andrew W 471-0698
804 De Martine Ruth M 471-5356
805 Brown Emily B Mrs
806 Regler Eliz Mrs 471-6561
807★Rusnock Andrew 471-0574
808 Both Gladys S Mrs 471-9532
809 Digilio Eliz Mrs
810 Daniels Frank V 471-4979
901 Reichenbach Eliz P Mrs 473-1551
902★Lawlor Edward J 471-6414
903 Addams Konnii
904 Howlett Anna C Mrs 473-3682
905 Wishnoff
906 Elzweig Ida Mrs 454-6147
907 Lauria Frank

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MAIN ST 1980

908 Kearney Geraldine R 471-8939
909 Redeker Caroline Mrs 471-0970
910 Tang Thos
1001 Ackert Isabelle A Mrs
1002 Cardiff Marion M Mrs 471-3672
1003 Smith Harold J 454-5928
1004 Huston Viola B Mrs 473-4299
1005 Garson Jean S Mrs 471-3976
1006 Rivera Monserrata S Mrs 471-3892
1007 Murphy Richd J 471-6699
1008 Mendlowitz Estelle 452-7875
1009 Miczko Kath Mrs 473-4831
1010 Newborg Josephine Mrs 473-4869
1101 Kopser Lillian D Mrs
1102 Yamen Mary Mrs 473-4485
1103 Kocon Stella Mrs
1104 Colmenares Celia Mrs 473-3002
1105 Parker Ruth W Mrs 452-5522
1106 Chamberlain Geo 452-7189
1107 Malusev Geo 454-8349
1108 Bozsella Julia M Mrs 452-6863
1109 Berbrich Margt M 471-5839
1110 Hausle Eleanor Mrs 473-4766
1201 Moseley Ida J Mrs
1202 Deluca Julia G Mrs 454-1753
1203 Dryer Ruth F Mrs 471-4960
1204 Lampropoulos Alexandra Mrs 473-3768
1205 Randolph Olive Mrs 473-3643
1206★Post Mary Mrs
1207 Andrews Estelle R Mrs
1208★Boone Sarah Mrs
1209 Landry Marie E Mrs 473-4575
1210 Hall Vivian M Mrs

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N BRIDGE ST BEGINS
S BRIDGE ST BEGINS
174 Vacant
186 Vacant
VASSAR ST BEGINS

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MAIN ST 1975

MAIN ST—Contd

119 Vacant
N PERRY ST BEGINS
S PERRY ST BEGINS
144 Vacant

N BRIDGE ST BEGINS
S BRIDGE ST BEGINS
173 Vacant
174 Vacant
175 Vacant
176 Vacant
179 Capitol Bakery Inc 454-2260
Vacant
186★Douglas Bonnie
Williams Magaline Mrs
Johnson Evelyn M
187 Vacant
187½ Vacant
189 Vacant
VASSAR ST BEGINS

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MAIN ST 1970

MAIN ST—Contd

Vacant
Vacant
133 Vacant
Vacant
Vacant
3d Fl Vacant
134 Vacant
Vacant
135 Vacant
Vacant
Vacant
136 Vacant
Vacant
137 Vacant
Vacant
Vacant
Vacant
Vacant
139 Vacant
Vacant
144 Dutchess Glass Co Inc 452-3900
149 Vacant
150 Vacant
Vacant
151½ On Hong Wong lndry 471-2948
153 Vacant
On Hong Wong ◎

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MAIN ST 1965

---N PERRY ST BEGINS
127 VACANT
128 LOMBARDI BRONX FRUIT MARKET
GR1-3225
129 VACANT
---S PERRY ST BEGINS
130 KRIEGER PHARMACY 452-3240
131 SHELIPSKY HYMON SHOES RET •
GL2-8080
LEFKOWITZ REBECCA MRS
132 VACANT
MASON LE ROY GL4-7481
MASTEN ANNA MRS 452-3866
133 ABDOO SELF SERVICE GROCERY
452-2770
ROUTE WILLIE 454-4377
CHERRY MAE
3D FL VACANT
REAR THORPE HELEN MRS
134 PETE & JIM'S BARBERS
MOSBY GRACE MRS
STARKEY JOSEPH W
135 GRAHAM'S FISH MARKET
WATSON LOUIS
MERRITT SALATHILEL 471-4333
136 NICOLIS MARIE MRS PLMB
SUPPLIES • GL2-8632
NO RETURN
137 MAIN STREET LIVE POULTRY
MARKET 454-9750
NELSON AMELIA MRS
BROWN LONGIE
BUTLER JAMES
VACANT
138 VACANT
SHERMAN FREDK T GL2-7454
EDWARDS MOSES GR1-7771
139 MARY LEE BEAUTY SALON
452-8430
WILSON ODELL
140 NEIGHBORHOOD SERVICE
ORGANIZATION 471-7831
BENNETT HARRY 454-5756
LENNOX BEATRICE MRS GR1-3141
141 TIA JUANA BILLIARDS

Target Street	Cross Street	Source
✓	-	Polk's City Directory

MAIN ST 1963

N Perry begins

127 A&P Food Stores
128 Lombardi Bronx Fruit Market
GR1-3225
129 Vacant

S Perry begins

130 Krieger Pharmacy GL2-3240
131 Shelipsky Hyman shoes ◎
GL2-8080
Lefkowitz Rebecca Mrs
132 Mason LeRoy GL4-7481
Masten Anna Mrs GL2-3866
133 Abdoo Self Service Grocery
GL2-2770
Colden Carlissa G Mrs
May Edw GL2-3143
rear Vacant
134 Pete & Jim's barbers
Mosby Grace Mrs
Starkey Joseph W

135 Chartoff's Mimi Fresh Fish Mkt
GL2-4010
Merritt Salathile L GR1-4333

Target Street	Cross Street	Source
✓	-	Polk's City Directory

MAIN ST 1963

MAIN--Contd

136 Nicholis Marie Mrs © plmb supplies GL2-8632
Mauro R Salvatore GL4-7047
137 Main St Live Poultry Market GL4-9750
Watson Louis
Brown Longie
Butler James
Nelson Amelia Mrs
138 Sherman Fredk T GL2-7454
Edwards Moses GR1-7771
139 Roig Chester A vet surgeon GL2-8180
140 Neighborhood Services Organization
Bennett Harry GL4-5756
Lennox Beatrice Mrs GR1-3141

Target Street	Cross Street	Source
✓	-	Polk's City Directory

MAIN ST 1948

N Perry st begins

127 Gt A & P Tea Co The
128 Lombardi Bronx Fruit Market 🔔2561
129 Belmont Dominick N cigars
Ruffini Vincent shoe repr ◎ 1
Nameth Louis 7

S Perry st begins

130 Krieger Ida F W Mrs drugs 🔔1690
131 Shelipsky Hyman shoes ◎ 3 🔔958-M
Lefkowitz Harry 2
132 Moss' Bargain Center 🔔7505-J
132 Steen Fred 2
Masten Anna Mrs 4 🔔7102-J
133 Abdoo Jos gro 🔔3041
Hewitt Florence M Mrs 2 🔔895-J
Moseby Frank 2
rear Calhoun Danl 1
134 Pete & Jim's barbers
Kortright Alf F 8
Merritt Vera Mrs 5
135 Delicious Macaroni Factory
Riccobono John 2
136 Nicolis T & Son plumbing supplies 🔔6410

Target Street	Cross Street	Source
✓	-	Polk's City Directory

MAIN ST 1948

Building—Con

Nicolis Anthony ◎ 5
Pasquarelli Pasquale 4
137 Arico Anthony J 1
Guglielmo D & Son gro
🔔5448
Lowery Michl J 5
Holt Anna M Mrs 3
Smith Lillian Mrs 6
138 Sherman Fredk T 3 🔔7102-R
Bennett Harry 5 🔔1143-W
Lennox Jas 5
Loeser Wm 4
139 Roig Chester A vet surg 🔔401
Guglielmo Dominick 5
140 Lazar Louis variety 🔔2494-J
141 Selco Janitor Supplies & Paper Co Inc 🔔6021
141½ Vacant
142 VanNosdall Wm 2 🔔1914-R
Brink Chas E 6
143 Plastic Heat Sealing Co
🔔2-6568-M
Cole Chas F 13
Brown Thos 4
Morrison Wm M 8
Shook Wesley E 6

Target Street	Cross Street	Source
✓	-	Polk's City Directory

MAIN ST 1942

S Perry begins

130 Krieger Ida F W Mrs drugs 1690
131 Shelipsky Hyman shoes ◎ 3 958M
Lefkowitz Harry 2
132 Superior Cleaners & Dyers
Daley Dorothea Mrs 2
Masten Anna Mrs 4
133 Abdoo Jos gro 3041
Kimlin Pearl Mrs 3
Moseby Frank 2
rear Briehof Jos F 4
134 Pete & Jim's barbers
Heybruck Carl F 5
Kortright Alf F 8
135 Watts Eliz Mrs second hand clothing
Meddaugh Theron H 3
Merritt Russell A 6
136 Nicolis T & Son plumbing supplies 6410
Dziuban Jos S 3
Pasquarella Pasquala 3
137 Arico Anthony J 3
Guglielmo D & Son gro 5448
Merritt Howard W 4
138 Sherman Fredk T 4
Bennett Harry 6
Cary John T 4
Elletson Saml C 3
139 Cushman's Sons Inc bakers 6088
Guglielmo Dominick 8
140 Vacant
141 Halstead Catherine E Mrs 2d hd clo 1
141½ Vacant
142 Lazar Louis variety 1
Jones Nelson A 5
VanNosdall Wm 8
143 Cole Chas R 11
Poughkeepsie Mattress Co 5033
Morrison Wm M 8
Shook Wesley E 6

APPENDIX E

REGULATORY RECORDS DOCUMENTATION

135 Main Street
135 Main Street
Poughkeepsie, NY 12601

Inquiry Number: 6901589.2s
March 16, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

SFORM-LBC-CCA

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

135 MAIN STREET
POUGHKEEPSIE, NY 12601

COORDINATES

Latitude (North):	41.7058760 - 41ˆ 42' 21.15''
Longitude (West):	73.9334410 - 73ˆ 56' 0.38''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588738.5
UTM Y (Meters):	4617457.5
Elevation:	116 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14123669 POUGHKEEPSIE, NY
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
135 MAIN STREET
POUGHKEEPSIE, NY 12601

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ADMIRAL WILLIAM F. H	135 MAIN STREET	NY UST, NY AST		TP
Reg	HUDSON RIVER PCBS	NO STREET APPLICABLE	NPL, SEMS, RCRA-LQG, US ENG CONTROLS, US INST...	Same	1813, 0.343, West
A2	RIVER CARE NURSING H	139-144 MAIN ST	NY UST	Higher	1 ft.
A3	POUGHKEEPSIE MGP	NORTH PERRY STREET	EDR MGP	Higher	1 ft.
A4	NYSDOT PROJECT	133 MAIN STREET	NY Spills	Lower	12, 0.002, SW
A5	CH - BAYEAUX STREET	MAIN STREET AND NORT	NY SHWS	Lower	34, 0.006, SW
B6	SPILL NUMBER 9714354	138-144 MAIN STREET	NY Spills	Lower	80, 0.015, South
B7	SALVATION ARMY	150 MAIN ST	NY Spills	Higher	86, 0.016, SSE
C8	ON ST.NEAR MILANESE	115 MAIN ST	NY Spills	Lower	130, 0.025, WSW
9	CHG&E, BAYEAUX STREE	N PERRY STREET	NY HSWDS	Higher	180, 0.034, ENE
C10	APT. MILANESE	111 MAIN STREET	NY LTANKS	Lower	225, 0.043, West
D11	FEDERAL GOV - IRS@SS	191 MAIN ST	NY Spills	Higher	302, 0.057, ESE
12	CHG&E: TRANSFORMER O	160 MILL STREET	NY Spills	Lower	305, 0.058, NNW
E13	COLUMBUS SCHOOL: 5K	12 SO. PERRY ST	NY Spills	Lower	305, 0.058, SSW
E14	COLUMBUS SCHOOL	12 SOUTH PERRY ST	NY UST	Lower	305, 0.058, SSW
D15	VACANT LOT	178 MAIN ST	NY Spills	Higher	311, 0.059, SE
D16	QUEEN CITY LOFTS	178-188 MAIN STREET	NY BROWNFIELDS	Higher	311, 0.059, SE
D17	QUEEN CITY LOFTS	178-188 MAIN STREET	NY INST CONTROL	Higher	311, 0.059, SE
D18	QUEEN CITY LOFTS	178-188 MAIN STREET	NY ENG CONTROLS	Higher	311, 0.059, SE
E19	COLUMBUS SCHOOL (PAC	18 SOUTH PERRY ST	NY Spills	Lower	381, 0.072, SSW
F20	COMMERCIAL PROPERTY	13-15 SOUTH BRIDGE S	NY Spills	Higher	391, 0.074, SSE
F21	DUTCHESS EXPRESS	13 S BRIDGE ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	391, 0.074, SSE
F22	YELLOW CAB	15 SOUTH BRIDGE STRE	NY AST	Higher	392, 0.074, SSE
F23	YELLOW CAB POUGHKEEP	13 SOUTH BRIDGE ST	NY LTANKS, NY Spills	Higher	392, 0.074, SSE
F24	CENTRAL DUBOIS VANS	13A SOUTH BRIDGE ST	NY UST	Higher	394, 0.075, SSE
D25	APARTMENT BUILD	192-194 MAIN STREET	NY Spills	Higher	400, 0.076, SE
D26	WILLOW COURT APTS.	192-194 MAIN STREET	NY AST	Higher	400, 0.076, SE
D27	WENDYS	MAIN ST/VASSAR RD	NY Spills	Higher	445, 0.084, SE
F28	HOT BODIES AUTO RECO	24 S BRIDGE ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	461, 0.087, SSE
G29	NYSDEC	18 N CLOVER	NY MANIFEST	Lower	463, 0.088, WNW
F30	QUALITY COLLISION	24-26 S BRIDGE ST -	RCRA-VSQG, FINDS	Higher	463, 0.088, SSE
H31	DURBY RESTAURANT	96 MAIN ST	NY Spills	Lower	474, 0.090, WSW
G32	POK. FIRE HOUSE	MAIN ST	NY LTANKS	Lower	488, 0.092, WNW
G33	POUGHKEEPSIE DAY CAR	36 N CLOVER ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	489, 0.093, NW
H34	RPC MAIN STREET CORP	89 MAIN ST	NY Spills	Lower	535, 0.101, West
F35	LANG APARTMENT BUILD	187-189 UNION STREET	NY LTANKS	Higher	563, 0.107, SSE
F36	AIR	193 UNION ST	NY Spills	Higher	586, 0.111, SE
37	WILLOW COURT APARTME	208-212 MAIN STREET	NY UST, NY Spills	Higher	613, 0.116, SE
I38	ST JOSEPHS CHURCH	9 LAFAYETTE PL	NY AST	Higher	715, 0.135, East

MAPPED SITES SUMMARY

Target Property Address:
135 MAIN STREET
POUGHKEEPSIE, NY 12601

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I39	ST JOSEPHS CHURCH	9 LAFAYETTE PL	NY UST	Higher	715, 0.135, East
I40	POUGHKEEPSIE CITY HA	MILL ST CIVIC CENTER	RCRA NonGen / NLR, NY MANIFEST	Higher	781, 0.148, East
41	NYSDOT BIN 1005329	RTE 9 OVER FALLKILL	RCRA-VSQG, NY MANIFEST, NJ MANIFEST	Lower	870, 0.165, WNW
42	MID-HUDSON WORKSHOP	12 WASHINTON ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	889, 0.168, SE
J43	SOUTHERN WATERFRONT	PROPSECT STREET	US BROWNFIELDS, FINDS	Higher	966, 0.183, ENE
K44	DUTCHESS COUNTY DPW	228 MAIN ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	982, 0.186, ESE
L45	MID-HUDSON CIVIC CEN	14 CIVIC CENTER PLAZ	NY UST	Higher	1000, 0.189, ESE
L46	MID-HUDSON CIVIC CEN	14 CIVIC CENTER PLZ	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1000, 0.189, ESE
K47	COURTHOUSE ANNEX	235 MAIN ST	NY LTANKS, NY Spills	Higher	1008, 0.191, ESE
K48	GSA	235 MAIN STREET	NY UST	Higher	1008, 0.191, ESE
49	NYSDOT BIN 1005301 &	RTE 9 OVER MAIN ST	RCRA NonGen / NLR, NY MANIFEST	Lower	1059, 0.201, West
J50	POUGHKEEPSIE POST OF	55 MANSION STREET	NY AST	Higher	1137, 0.215, ENE
51	OUR LADY OF MT. CARM	15 MOUNT CARMEL PLAC	NY AST	Lower	1139, 0.216, NNW
K52	COUNTY OF DUTCHESS	22 MARKET STREET	NY LTANKS, NY Spills, NY SPDES	Higher	1143, 0.216, SE
K53	DUTCHESS COUNTY COMP	22 MARKET STREET	NY UST, NY AST	Higher	1143, 0.216, SE
K54	D.C.DEPT.OF SOC.SER.	16 MARKET ST	NY LTANKS	Higher	1189, 0.225, SE
55	NYSDOT BIN 1005290	RTE 44 OVER RTE 9	RCRA NonGen / NLR	Lower	1221, 0.231, SW
M56	MOBIL	55 WASHINGTON STREET	NY LTANKS, NY UST, NY AST, NY Spills	Higher	1249, 0.237, ENE
M57	MOBIL OIL CORP SS #D	55 WASHINGTON ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1249, 0.237, ENE
N58	G. F. REFUSE T.S.	240 MAIN STREET	NY SWF/LF	Higher	1264, 0.239, ESE
O59	33 MARKET STREET (VA	33 MARKET STREET	NY UST	Higher	1287, 0.244, SE
O60	33 MARKET STREET (VA	33 MARKET STREET	NY AST	Higher	1287, 0.244, SE
N61	ACADIA HUDSON LLC	21 MARKET STREET	NY LTANKS, NY TANKS	Higher	1295, 0.245, SE
62	REMINGTON ASSOC	75 WASHINGTON STREET	NY LTANKS	Higher	1361, 0.258, NE
63	CITY OF POK.PARKING	61 CIVIC CENTER PLAZ	NY LTANKS	Higher	1361, 0.258, East
O64	M B M COMP./TRI.CO.P	39 MARKET ST	NY LTANKS	Higher	1374, 0.260, SE
65	NYSDMNA - NEW YORK	61 MARKET ST	NY LTANKS, RCRA NonGen / NLR, NY MANIFEST	Higher	1541, 0.292, SE
66	FIRST CONGREGATIONAL	269 MILL ST	NY LTANKS, NY Spills	Higher	1591, 0.301, East
67	POLE #26566	30 BAIN AVE	NY LTANKS, NY Spills	Higher	1722, 0.326, NNE
P68	BERN COLORS	75 NORTH WATER ST	SEMS-ARCHIVE, RCRA NonGen / NLR, PRP, ICIS, NY...	Lower	1830, 0.347, NW
P69	BERNCOLORS POUGHKEEP	75 NORTH WATER STREE	NY HSWDS	Lower	1830, 0.347, NW
70	HRH LEAD ABATEMENT S	55 GARDEN STREET	NY SHWS	Higher	1954, 0.370, East
71	POUGHKEEPSIE GAS WOR	LAUREL STREET	EDR MGP	Lower	2041, 0.387, SSW
72	5FB MORSE SCHOOL	104 MANSION STREET	NY LTANKS	Higher	2075, 0.393, East
Q73	CH - WATER ST. - POU	NORTH WATER STREET	NY VCP, NY BROWNFIELDS	Lower	2128, 0.403, NW
R74	LUCKEY PLATT BUILDIN	332 - 346 MAIN STREE	NY ERP	Higher	2156, 0.408, ESE
75	POUGHKEEPSIE NAVINDR		FUDS	Lower	2198, 0.416, SW
Q76	POUGHKEEPSIE GAS WOR	NORTH WATER STREET	EDR MGP	Lower	2243, 0.425, NW
S77	MOBIL OIL	SOUTH ROAD	NY LTANKS, NY Spills	Higher	2300, 0.436, SSE

MAPPED SITES SUMMARY

Target Property Address:
135 MAIN STREET
POUGHKEEPSIE, NY 12601

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
78	21 ACADEMY STREET	21 ACADEMY STREET	NY SHWS	Higher	2319, 0.439, SE
S79	POUGHKEEPSIE CITY SC	12 SOUTH TERRY STREE	NY LTANKS	Higher	2333, 0.442, SSE
R80	BASEMENT	354 MAIN STREET	NY LTANKS	Higher	2350, 0.445, ESE
81	CRANNELL SQUARE	35 CATHARINE STREET	NY BROWNFIELDS	Higher	2361, 0.447, ESE
82	YMCA : BOILER ROOM	35 MONTGOMERY ST	NY LTANKS, NY Spills	Higher	2363, 0.448, South
R83	HSBC BANK	347 MAIN STREET	NY LTANKS	Higher	2376, 0.450, ESE
84	PAYLESS/KELLY	63 MONTGOMERY ST	NY LTANKS	Higher	2377, 0.450, SSE
T85	A.C. DUTTON LUMBER C	1 HOFFMAN ST.	NY SHWS, NY CBS AST	Lower	2438, 0.462, NNW
T86	A. C. DUTTON LUMBER		NY DEL SHWS	Lower	2450, 0.464, NNW
87	GRAY RESIDENCE	72 PINE ST	NY LTANKS, NY Spills	Lower	2471, 0.468, SSW
U88	POUGHKEEPSIE CITY OF	28 ORCHARD PL	SEMS-ARCHIVE, RCRA NonGen / NLR, NY MANIFEST	Higher	2500, 0.473, NE
U89	QUAL KROM SITE	28 ORCHARD PLACE	NY SHWS, NY ERP, NY Spills	Higher	2500, 0.473, NE
90	A C DUTTON LUMBER CO	1 DUTCHESS AVE	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS	Lower	2562, 0.485, NW
91	CATHERINE ST COMM CT	69 CATHERINE ST	NY LTANKS, NY Spills	Higher	2626, 0.497, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ADMIRAL WILLIAM F. H 135 MAIN STREET POUGHKEEPSIE, NY 12601	NY UST Database: UST, Date of Government Version: 12/16/2021 NY AST Database: AST, Date of Government Version: 12/16/2021 Facility Id: 3-601156	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS ---------- Listing of Leaking Storage Tanks

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
NY CBS UST ---------- Chemical Bulk Storage Database
NY MOSF UST ---------- Major Oil Storage Facilities Database
NY MOSF ---------- Major Oil Storage Facility Site Listing
NY CBS ---------- Chemical Bulk Storage Site Listing
NY MOSF AST ---------- Major Oil Storage Facilities Database
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL ---------- Restrictive Declarations Listing

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE ---------- Registered Waste Tire Storage & Facility List
NY SWRCY ---------- Registered Recycling Facility List
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
US CDL ---------- National Clandestine Laboratory Register
NY PFAS ---------- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

NY HIST UST ---------- Historical Petroleum Bulk Storage Database
NY HIST AST ---------- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---------- Spill Liens Information
LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
NY Hist Spills	SPILLS Database
NY SPILLS 90	SPILLS 90 data from FirstSearch
NY SPILLS 80	SPILLS 80 data from FirstSearch

Other Ascertainable Records

DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PADS	PCB Activity Database System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
NY AIRS	Air Emissions Data
NY COAL ASH	Coal Ash Disposal Site Listing
NY DRYCLEANERS	Registered Drycleaners
NY E DESIGNATION	E DESIGNATION SITE LISTING
NY Financial Assurance	Financial Assurance Information Listing
NY VAPOR REOPENED	Vapor Intrusion Legacy Site List
NY UIC	Underground Injection Control Wells
NY COOLING TOWERS	Registered Cooling Towers
NY LEAD	Lead-based Paint Testing Results
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto	EDR Exclusive Historical Auto Stations

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/25/2022 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS Cerclis ID:: 202229 EPA Id: NYD980763841	***NO STREET APPLICABLE***	***W 1/4 - 1/2 (0.343 mi.)***	***0***	***12***

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 01/25/2022 has revealed that there is 1 SEMS

site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***W 1/4 - 1/2 (0.343 mi.)***	***0***	***12***
Site ID: 0202229				
EPA Id: NYD980763841				

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 01/25/2022 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POUGHKEEPSIE CITY OF	***28 ORCHARD PL***	***NE 1/4 - 1/2 (0.473 mi.)***	***U88***	***287***
Site ID: 0204040				
EPA Id: NYD071091292				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BERN COLORS	***75 NORTH WATER ST***	***NW 1/4 - 1/2 (0.347 mi.)***	***P68***	***235***
Site ID: 0202752				
EPA Id: NYD002013951				

Lists of Federal RCRA generators

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUALITY COLLISION	***24-26 S BRIDGE ST -***	***SSE 0 - 1/8 (0.088 mi.)***	***F30***	***105***

EPA ID:: NYR000217695

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYSDOT BIN 1005329	***RTE 9 OVER FALLKILL***	***WNW 1/8 - 1/4 (0.165 mi.)***	***41***	***131***
EPA ID:: NYD986998409				

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 11/19/2021 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***W 1/4 - 1/2 (0.343 mi.)***	***0***	***12***
EPA ID:: NYD980763841				
EPA ID:: NYD980763841				

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROLS list, as provided by EDR, and dated 11/19/2021 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***W 1/4 - 1/2 (0.343 mi.)***	***0***	***12***
EPA ID:: NYD980763841				

Lists of state- and tribal hazardous waste facilities

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 01/06/2022 has revealed that there are 5 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HRH LEAD ABATEMENT S	55 GARDEN STREET	E 1/4 - 1/2 (0.370 mi.)	70	244
Site Code: 502049				
21 ACADEMY STREET	21 ACADEMY STREET	SE 1/4 - 1/2 (0.439 mi.)	78	259

Site Code: 535046

QUAL KROM SITE	***28 ORCHARD PLACE***	***NE 1/4 - 1/2 (0.473 mi.)***	***U89***	***296***
Site Code: 335223				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CH - BAYEAUX STREET	MAIN STREET AND NORT	SW 0 - 1/8 (0.006 mi.)	A5	42
Site Code: 338782				
A.C. DUTTON LUMBER C	***1 HOFFMAN ST.***	***NNW 1/4 - 1/2 (0.462 mi.)***	***T85***	***276***
Site Code: 55989				

Lists of state and tribal landfills and solid waste disposal facilities

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 09/30/2021 has revealed that there is 1 NY SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
G. F. REFUSE T.S.	240 MAIN STREET	ESE 1/8 - 1/4 (0.239 mi.)	N58	211

Lists of state and tribal leaking storage tanks

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 01/31/2022 has revealed that there are 24 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
YELLOW CAB POUGHKEEP	***13 SOUTH BRIDGE ST***	***SSE 0 - 1/8 (0.074 mi.)***	***F23***	***91***
Site ID: 180480				
Spill Date: 1991-09-09				
Spill Number/Closed Date: 9106196 / 1992-07-06				
LANG APARTMENT BUILD	187-189 UNION STREET	SSE 0 - 1/8 (0.107 mi.)	F35	116
Site ID: 359086				
Site ID: 357383				
Spill Date: 2006-02-02				
Spill Date: 2005-12-28				
Spill Number/Closed Date: 0512690 / 2006-02-02				
Spill Number/Closed Date: 0511265 / 2006-04-25				
COURTHOUSE ANNEX	***235 MAIN ST***	***ESE 1/8 - 1/4 (0.191 mi.)***	***K47***	***157***
Site ID: 291978				
Spill Date: 2000-10-09				
Spill Number/Closed Date: 0011737 / 2001-05-01				
COUNTY OF DUTCHESS	***22 MARKET STREET***	***SE 1/8 - 1/4 (0.216 mi.)***	***K52***	***169***

Site ID: 143426
Spill Date: 1991-02-13
Spill Number/Closed Date: 9011974 / 1991-02-15

D.C.DEPT.OF SOC.SER. Site ID: 85829 Spill Date: 1999-04-05 Spill Number/Closed Date: 9900170 / 1999-04-14	16 MARKET ST	SE 1/8 - 1/4 (0.225 mi.)	K54	188
MOBIL Site ID: 117252 Spill Date: 1993-03-02 Spill Number/Closed Date: 9213330 / 1993-04-12	***55 WASHINGTON STREET***	***ENE 1/8 - 1/4 (0.237 mi.)***	***M56***	***193***
ACADIA HUDSON LLC Site ID: 264064 Spill Date: 1989-06-15 Spill Number/Closed Date: 8902715 / 1989-09-25	***21 MARKET STREET***	***SE 1/8 - 1/4 (0.245 mi.)***	***N61***	***218***
REMINGTON ASSOC Site ID: 363703 Site ID: 359391 Spill Date: 2006-05-09 Spill Date: 2006-02-09 Spill Number/Closed Date: 0601464 / 2006-05-09 Spill Number/Closed Date: 0512986 / 2006-06-30	75 WASHINGTON STREET	NE 1/4 - 1/2 (0.258 mi.)	62	220
CITY OF POK.PARKING Site ID: 371967 Spill Date: 2006-10-16 Spill Number/Closed Date: 0608092 / 2006-11-07	61 CIVIC CENTER PLAZ	E 1/4 - 1/2 (0.258 mi.)	63	222
M B M COMP./TRI.CO.P Site ID: 484647 Spill Date: 2013-07-17 Spill Number/Closed Date: 1304134 / 2013-07-26	39 MARKET ST	SE 1/4 - 1/2 (0.260 mi.)	O64	223
NYSDMNA - NEW YORK Site ID: 293364 Spill Date: 1988-07-11 Spill Number/Closed Date: 8803141 / 1989-11-29	***61 MARKET ST***	***SE 1/4 - 1/2 (0.292 mi.)***	***65***	***224***
FIRST CONGREGATIONAL Site ID: 64266 Spill Date: 2004-04-08 Spill Number/Closed Date: 0400242 / 2004-04-20	***269 MILL ST***	***E 1/4 - 1/2 (0.301 mi.)***	***66***	***231***
POLE #26566 Site ID: 89001 Spill Date: 2001-09-25 Spill Number/Closed Date: 0106607 / 2001-09-26	***30 BAIN AVE***	***NNE 1/4 - 1/2 (0.326 mi.)***	***67***	***233***
5FB MORSE SCHOOL Site ID: 296056 Spill Date: 1992-10-07 Spill Number/Closed Date: 9207851 / 1992-10-12	104 MANSION STREET	E 1/4 - 1/2 (0.393 mi.)	72	245
MOBIL OIL Site ID: 74633 Spill Date: 1986-07-18 Spill Number/Closed Date: 8602552 / 1986-08-06	***SOUTH ROAD***	***SSE 1/4 - 1/2 (0.436 mi.)***	***S77***	***256***
POUGHKEEPSIE CITY SC	12 SOUTH TERRY STREE	SSE 1/4 - 1/2 (0.442 mi.)	S79	261

Site ID: 156120
Spill Date: 1992-10-05
Spill Number/Closed Date: 9207723 / 1992-10-09

BASEMENT	354 MAIN STREET	ESE 1/4 - 1/2 (0.445 mi.)	R80	262
Site ID: 203064 Spill Date: 1994-12-21 Spill Number/Closed Date: 9412680 / 1995-01-09				
YMCA : BOILER ROOM	***35 MONTGOMERY ST***	***S 1/4 - 1/2 (0.448 mi.)***	***82***	***268***
Site ID: 335385 Spill Date: 2004-12-17 Spill Number/Closed Date: 0410331 / 2006-07-26				
HSBC BANK	347 MAIN STREET	ESE 1/4 - 1/2 (0.450 mi.)	R83	273
Site ID: 158178 Site ID: 373309 Spill Date: 1987-11-03 Spill Date: 2006-11-09 Spill Number/Closed Date: 8706571 / 1988-03-28 Spill Number/Closed Date: 0609170 / 2006-12-13				
PAYLESS/KELLY	63 MONTGOMERY ST	SSE 1/4 - 1/2 (0.450 mi.)	84	275
Site ID: 213401 Spill Date: 1999-02-12 Spill Number/Closed Date: 9813812 / 2001-11-01				
CATHERINE ST COMM CT	***69 CATHERINE ST***	***E 1/4 - 1/2 (0.497 mi.)***	***91***	***337***
Site ID: 463172 Spill Date: 2012-04-18 Spill Number/Closed Date: 1200540 / 2013-12-09				

Lower Elevation	Address	Direction / Distance	Map ID	Page
APT. MILANESE	111 MAIN STREET	W 0 - 1/8 (0.043 mi.)	C10	48
Site ID: 110554 Spill Date: 1994-01-12 Spill Number/Closed Date: 9312029 / 1994-01-19				
POK. FIRE HOUSE	MAIN ST	WNW 0 - 1/8 (0.092 mi.)	G32	109
Site ID: 238789 Spill Date: 2000-05-01 Spill Number/Closed Date: 0001246 / 2002-04-02				
GRAY RESIDENCE	***72 PINE ST***	***SSW 1/4 - 1/2 (0.468 mi.)***	***87***	***285***
Site ID: 154727 Spill Date: 2001-06-24 Spill Number/Closed Date: 0103270 / 2001-07-18				

Lists of state and tribal registered storage tanks

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 10 NY UST sites within

approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIVER CARE NURSING H Database: UST, Date of Government Version: 12/16/2021	139-144 MAIN ST	0 - 1/8 (0.000 mi.)	A2	38
CENTRAL DUBOIS VANS Database: UST, Date of Government Version: 12/16/2021	13A SOUTH BRIDGE ST	SSE 0 - 1/8 (0.075 mi.)	F24	93
WILLOW COURT APARTME Database: UST, Date of Government Version: 12/16/2021	***208-212 MAIN STREET***	***SE 0 - 1/8 (0.116 mi.)***	***37***	***119***
ST JOSEPHS CHURCH Database: UST, Date of Government Version: 12/16/2021	9 LAFAYETTE PL	E 1/8 - 1/4 (0.135 mi.)	I39	124
MID-HUDSON CIVIC CEN Database: UST, Date of Government Version: 12/16/2021	14 CIVIC CENTER PLAZ	ESE 1/8 - 1/4 (0.189 mi.)	L45	149
GSA Database: UST, Date of Government Version: 12/16/2021	235 MAIN STREET	ESE 1/8 - 1/4 (0.191 mi.)	K48	159
DUTCHESS COUNTY COMP Database: UST, Date of Government Version: 12/16/2021	***22 MARKET STREET***	***SE 1/8 - 1/4 (0.216 mi.)***	***K53***	***173***
MOBIL Database: UST, Date of Government Version: 12/16/2021	***55 WASHINGTON STREET***	***ENE 1/8 - 1/4 (0.237 mi.)***	***M56***	***193***
33 MARKET STREET (VA Database: UST, Date of Government Version: 12/16/2021	33 MARKET STREET	SE 1/8 - 1/4 (0.244 mi.)	O59	211

Lower Elevation	Address	Direction / Distance	Map ID	Page
COLUMBUS SCHOOL Database: UST, Date of Government Version: 12/16/2021	12 SOUTH PERRY ST	SSW 0 - 1/8 (0.058 mi.)	E14	52

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 8 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
YELLOW CAB Database: AST, Date of Government Version: 12/16/2021 Facility Id: 3-601912	15 SOUTH BRIDGE STRE	SSE 0 - 1/8 (0.074 mi.)	F22	89
WILLOW COURT APTS. Database: AST, Date of Government Version: 12/16/2021 Facility Id: 3-601650	192-194 MAIN STREET	SE 0 - 1/8 (0.076 mi.)	D26	97
ST JOSEPHS CHURCH Database: AST, Date of Government Version: 12/16/2021 Facility Id: 3-164410	9 LAFAYETTE PL	E 1/8 - 1/4 (0.135 mi.)	I38	122
POUGHKEEPSIE POST OF Database: AST, Date of Government Version: 12/16/2021 Facility Id: 3-600107	55 MANSION STREET	ENE 1/8 - 1/4 (0.215 mi.)	J50	165
DUTCHESS COUNTY COMP Database: AST, Date of Government Version: 12/16/2021	***22 MARKET STREET***	***SE 1/8 - 1/4 (0.216 mi.)***	***K53***	***173***

Facility Id: 3-600871

MOBIL	***55 WASHINGTON STREET***	***ENE 1/8 - 1/4 (0.237 mi.)***	***M56***	***193***
Database: AST, Date of Government Version: 12/16/2021 Facility Id: 3-047945				
33 MARKET STREET (VA	33 MARKET STREET	SE 1/8 - 1/4 (0.244 mi.)	O60	216
Database: AST, Date of Government Version: 12/16/2021 Facility Id: 3-601711				

Lower Elevation	Address	Direction / Distance	Map ID	Page
OUR LADY OF MT. CARM	15 MOUNT CARMEL PLAC	NNW 1/8 - 1/4 (0.216 mi.)	51	167
Database: AST, Date of Government Version: 12/16/2021 Facility Id: 3-600109				

NY TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the NY TANKS list, as provided by EDR, has revealed that there is 1 NY TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ACADIA HUDSON LLC	***21 MARKET STREET***	***SE 1/8 - 1/4 (0.245 mi.)***	***N61***	***218***
Database: TANKS, Date of Government Version: 12/16/2021 Facility Id: 3-169196 Site Status: Active				

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 01/06/2022 has revealed that there are 2 NY ENG CONTROLS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUEEN CITY LOFTS	178-188 MAIN STREET	SE 0 - 1/8 (0.059 mi.)	D18	79
Site Code: 512561				

Lower Elevation	Address	Direction / Distance	Map ID	Page
A C DUTTON LUMBER CO	***1 DUTCHESS AVE***	***NW 1/4 - 1/2 (0.485 mi.)***	***90***	***298***
Site Code: 505421 Site Code: 505422				

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 01/06/2022 has revealed that there are 2 NY INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUEEN CITY LOFTS Site Code: 512561	178-188 MAIN STREET	SE 0 - 1/8 (0.059 mi.)	D17	58

Lower Elevation	Address	Direction / Distance	Map ID	Page
A C DUTTON LUMBER CO Site Code: 505421 Site Code: 505422	***1 DUTCHESS AVE***	***NW 1/4 - 1/2 (0.485 mi.)***	***90***	***298***

Lists of state and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there is 1 NY VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CH - WATER ST. - POU Database: VCP, Date of Government Version: 01/06/2022 Site Code: 56927	***NORTH WATER STREET***	***NW 1/4 - 1/2 (0.403 mi.)***	***Q73***	***247***

Lists of state and tribal brownfield sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 01/06/2022 has revealed that there are 4 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUEEN CITY LOFTS Site Code: 512561	178-188 MAIN STREET	SE 0 - 1/8 (0.059 mi.)	D16	55
CRANNELL SQUARE Site Code: 588792	35 CATHARINE STREET	ESE 1/4 - 1/2 (0.447 mi.)	81	263

Lower Elevation	Address	Direction / Distance	Map ID	Page
CH - WATER ST. - POU Site Code: 57435	***NORTH WATER STREET***	***NW 1/4 - 1/2 (0.403 mi.)***	***Q73***	***247***
A C DUTTON LUMBER CO Site Code: 505422	***1 DUTCHESS AVE***	***NW 1/4 - 1/2 (0.485 mi.)***	***90***	***298***

Site Code: 505421
Site Code: 414652
Site Code: 59160

NY ERP: In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

A review of the NY ERP list, as provided by EDR, and dated 01/06/2022 has revealed that there are 2 NY ERP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LUCKEY PLATT BUILDIN Site Code: 57376	332 - 346 MAIN STREE	ESE 1/4 - 1/2 (0.408 mi.)	R74	255
QUAL KROM SITE Site Code: 58075	***28 ORCHARD PLACE***	***NE 1/4 - 1/2 (0.473 mi.)***	***U89***	***296***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 02/23/2022 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN WATERFRONT ACRES property ID: 11877 Cleanup Completion Date: -	***PROPSECT STREET***	***ENE 1/8 - 1/4 (0.183 mi.)***	***J43***	***141***

Local Lists of Hazardous waste / Contaminated Sites

NY DEL SHWS: A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

A review of the NY DEL SHWS list, as provided by EDR, and dated 01/06/2022 has revealed that there is 1 NY DEL SHWS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
A. C. DUTTON LUMBER		NNW 1/4 - 1/2 (0.464 mi.)	T86	283

Site Code Id: 314081

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 01/31/2022 has revealed that there are 17 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SALVATION ARMY Spill Number/Closed Date: 1809200 / 2018-12-03 Site ID: 580035 Spill Date: 2018-12-01	150 MAIN ST	SSE 0 - 1/8 (0.016 mi.)	B7	44
FEDERAL GOV - IRS@SS Spill Number/Closed Date: 0212262 / 2004-07-02 Site ID: 136004 Spill Date: 2003-03-12	191 MAIN ST	ESE 0 - 1/8 (0.057 mi.)	D11	49
VACANT LOT Spill Number/Closed Date: 1502657 / 2015-11-25 Site ID: 508937 Spill Date: 2015-05-27	178 MAIN ST	SE 0 - 1/8 (0.059 mi.)	D15	54
COMMERCIAL PROPERTY Spill Number/Closed Date: 1511940 / 2018-12-31 Site ID: 524728 Spill Date: 2016-03-16	13-15 SOUTH BRIDGE S	SSE 0 - 1/8 (0.074 mi.)	F20	83
YELLOW CAB POUGHKEEP Spill Number/Closed Date: 0611093 / 2007-01-17 Site ID: 375674 Spill Date: 2007-01-04	***13 SOUTH BRIDGE ST***	***SSE 0 - 1/8 (0.074 mi.)***	***F23***	***91***
APARTMENT BUILD Spill Number/Closed Date: 0311129 / 2004-04-19 Site ID: 208513 Spill Date: 2003-12-30	192-194 MAIN STREET	SE 0 - 1/8 (0.076 mi.)	D25	95
WENDYS Spill Number/Closed Date: 0003798 / 2000-06-28 Site ID: 113101 Spill Date: 2000-06-28	MAIN ST/VASSAR RD	SE 0 - 1/8 (0.084 mi.)	D27	99
AIR Spill Number/Closed Date: 1902314 / 2019-06-05 Site ID: 590228 Spill Date: 2019-06-05	193 UNION ST	SE 0 - 1/8 (0.111 mi.)	F36	118
WILLOW COURT APARTME Spill Number/Closed Date: 0904603 / 2009-08-04 Site ID: 416778 Spill Date: 2009-07-21	***208-212 MAIN STREET***	***SE 0 - 1/8 (0.116 mi.)***	***37***	***119***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYSDOT PROJECT	133 MAIN STREET	SW 0 - 1/8 (0.002 mi.)	A4	41

Spill Number/Closed Date: 9604735 / 1996-08-06 Site ID: 199464 Spill Date: 1996-07-11				
SPILL NUMBER 9714354 Spill Number/Closed Date: 9714354 / 1998-03-26 Site ID: 216423 Spill Date: 1998-03-26	138-144 MAIN STREET	S 0 - 1/8 (0.015 mi.)	B6	43
ON ST.NEAR MILANESE Spill Number/Closed Date: 9202522 / 1992-06-02 Site ID: 296222 Spill Date: 1992-06-02	115 MAIN ST	WSW 0 - 1/8 (0.025 mi.)	C8	45
CHG&E: TRANSFORMER O Spill Number/Closed Date: 1305793 / 2013-09-03 Site ID: 486374 Spill Date: 2013-08-31	160 MILL STREET	NNW 0 - 1/8 (0.058 mi.)	12	50
COLUMBUS SCHOOL: 5K Spill Number/Closed Date: 9704546 / 2008-04-01 Site ID: 147835 Spill Date: 1997-07-16	12 SO. PERRY ST	SSW 0 - 1/8 (0.058 mi.)	E13	51
COLUMBUS SCHOOL (PAC Spill Number/Closed Date: 1708202 / 2017-12-01 Site ID: 564599 Spill Date: 2017-11-29	18 SOUTH PERRY ST	SSW 0 - 1/8 (0.072 mi.)	E19	81
DURBY RESTAURANT Spill Number/Closed Date: 8807634 / 1988-12-19 Site ID: 317824 Spill Date: 1988-12-18	96 MAIN ST	WSW 0 - 1/8 (0.090 mi.)	H31	108
RPC MAIN STREET CORP Spill Number/Closed Date: 1804131 / 2018-12-13 Site ID: 573794 Spill Date: 2018-07-17	89 MAIN ST	W 0 - 1/8 (0.101 mi.)	H34	115

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 10 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUTCHESS EXPRESS EPA ID:: NYR000044123	***13 S BRIDGE ST***	***SSE 0 - 1/8 (0.074 mi.)***	***F21***	***84***
HOT BODIES AUTO RECO EPA ID:: NYR000028506	***24 S BRIDGE ST***	***SSE 0 - 1/8 (0.087 mi.)***	***F28***	***100***
POUGHKEEPSIE CITY HA	***MILL ST CIVIC CENTER***	***E 1/8 - 1/4 (0.148 mi.)***	***I40***	***127***

EPA ID:: NY0000632075

MID-HUDSON WORKSHOP EPA ID:: NYD001560440	***12 WASHINTON ST***	***SE 1/8 - 1/4 (0.168 mi.)***	***42***	***137***
DUTCHESS COUNTY DPW EPA ID:: NYR000014126	***228 MAIN ST***	***ESE 1/8 - 1/4 (0.186 mi.)***	***K44***	***144***
MID-HUDSON CIVIC CEN EPA ID:: NYR000104265	***14 CIVIC CENTER PLZ***	***ESE 1/8 - 1/4 (0.189 mi.)***	***L46***	***152***
MOBIL OIL CORP SS #D EPA ID:: NYD987014776	***55 WASHINGTON ST***	***ENE 1/8 - 1/4 (0.237 mi.)***	***M57***	***206***

Lower Elevation	Address	Direction / Distance	Map ID	Page
POUGHKEEPSIE DAY CAR EPA ID:: NYR000044842	***36 N CLOVER ST***	***NW 0 - 1/8 (0.093 mi.)***	***G33***	***111***
NYSDOT BIN 1005301 & EPA ID:: NYD987021706	***RTE 9 OVER MAIN ST***	***W 1/8 - 1/4 (0.201 mi.)***	***49***	***161***
NYSDOT BIN 1005290 EPA ID:: NYD986998391	RTE 44 OVER RTE 9	SW 1/8 - 1/4 (0.231 mi.)	55	190

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 10/26/2021 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
POUGHKEEPSIE NAVINDR		SW 1/4 - 1/2 (0.416 mi.)	75	255

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 01/25/2022 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS EPA ID:: NYD980763841	***NO STREET APPLICABLE***	***W 1/4 - 1/2 (0.343 mi.)***	***0***	***12***

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 09/30/2021 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***W 1/4 - 1/2 (0.343 mi.)***	***0***	***12***

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there are 2 NY HSWDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHG&E, BAYEAUX STREE Facility Id: HS3009	N PERRY STREET	ENE 0 - 1/8 (0.034 mi.)	9	46

Lower Elevation	Address	Direction / Distance	Map ID	Page
BERNCOLORS POUGHKEEP	75 NORTH WATER STREE	NW 1/4 - 1/2 (0.347 mi.)	P69	243

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 11 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUTCHESS EXPRESS EPA ID: NYR000044123	***13 S BRIDGE ST***	***SSE 0 - 1/8 (0.074 mi.)***	***F21***	***84***
HOT BODIES AUTO RECO EPA ID: NYR000028506	***24 S BRIDGE ST***	***SSE 0 - 1/8 (0.087 mi.)***	***F28***	***100***
POUGHKEEPSIE CITY HA EPA ID: NY0000632075	***MILL ST CIVIC CENTER***	***E 1/8 - 1/4 (0.148 mi.)***	***I40***	***127***
MID-HUDSON WORKSHOP EPA ID: NYD001560440	***12 WASHINTON ST***	***SE 1/8 - 1/4 (0.168 mi.)***	***42***	***137***
DUTCHESS COUNTY DPW EPA ID: NYR000014126	***228 MAIN ST***	***ESE 1/8 - 1/4 (0.186 mi.)***	***K44***	***144***
MID-HUDSON CIVIC CEN EPA ID: NYR000104265	***14 CIVIC CENTER PLZ***	***ESE 1/8 - 1/4 (0.189 mi.)***	***L46***	***152***
MOBIL OIL CORP SS #D EPA ID: NYD987014776	***55 WASHINGTON ST***	***ENE 1/8 - 1/4 (0.237 mi.)***	***M57***	***206***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYSDEC EPA ID: NYP003600095	18 N CLOVER	WNW 0 - 1/8 (0.088 mi.)	G29	105
POUGHKEEPSIE DAY CAR EPA ID: NYR000044842	***36 N CLOVER ST***	***NW 0 - 1/8 (0.093 mi.)***	***G33***	***111***
NYSDOT BIN 1005329 EPA ID: NYD986998409	***RTE 9 OVER FALLKILL***	***WNW 1/8 - 1/4 (0.165 mi.)***	***41***	***131***
NYSDOT BIN 1005301 &	***RTE 9 OVER MAIN ST***	***W 1/8 - 1/4 (0.201 mi.)***	***49***	***161***

EPA ID: NYD987021706

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYSDOT BIN 1005329 EPA Id: NYD986998409	***RTE 9 OVER FALLKILL***	***WNW 1/8 - 1/4 (0.165 mi.)***	***41***	***131***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 3 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POUGHKEEPSIE MGP	NORTH PERRY STREET	0 - 1/8 (0.000 mi.)	A3	40

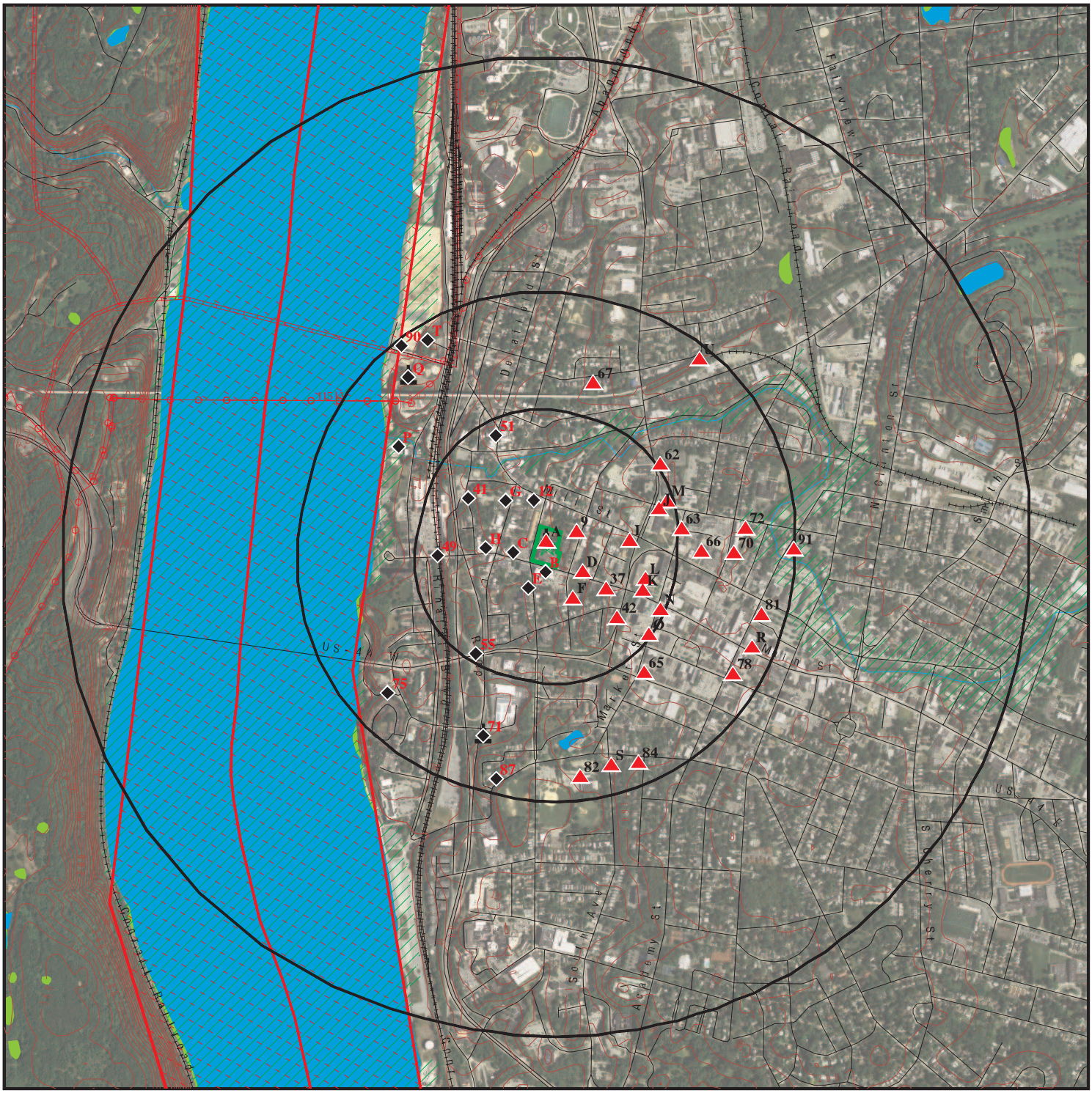
Lower Elevation	Address	Direction / Distance	Map ID	Page
POUGHKEEPSIE GAS WOR	LAUREL STREET	SSW 1/4 - 1/2 (0.387 mi.)	71	245
POUGHKEEPSIE GAS WOR	NORTH WATER STREET	NW 1/4 - 1/2 (0.425 mi.)	Q76	256

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 13 records.

Site Name	Database(s)
CHG&E - LAUREL STREET FORMER MGP S	SEMS-ARCHIVE, RCRA-VSQG, NY MANIFEST
CH - POUGHKEEPSIE MGP LAUREL STREE	NY SHWS
VASSAR COLLEGE	NY SHWS
BERNCOLORS DYE CO.	NY SHWS
CH - POUGHKEEPSIE MGP-WATER STREET	NY SHWS
VANDEWATER PROP	SEMS-ARCHIVE
CENTRAL HUDSON G & E CORP	SEMS-ARCHIVE
BARNES	NY SWF/LF
IBM C&D LANDFILL (POUGH)	NY SWF/LF
IBM C&D LANDFILL	NY SWF/LF
CHG&E, POUGHKEEPSIE-LAUREL ST.	NY HSWDS
CHG&E, POUGHKEEPSIE GAS WORKS	NY HSWDS
CH - LAUREL ST. - POUGHKEEPSIE MGP	NY VCP

OVERVIEW MAP - 6901589.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	135 Main Street	CLIENT:	Hillmann Environmental Co.
ADDRESS:	135 Main Street Poughkeepsie NY 12601	CONTACT:	Joanne Bedkowski
		INQUIRY #:	6901589.2s
LAT/LONG:	41.705876 / 73.933441	DATE:	March 16, 2022 4:40 pm

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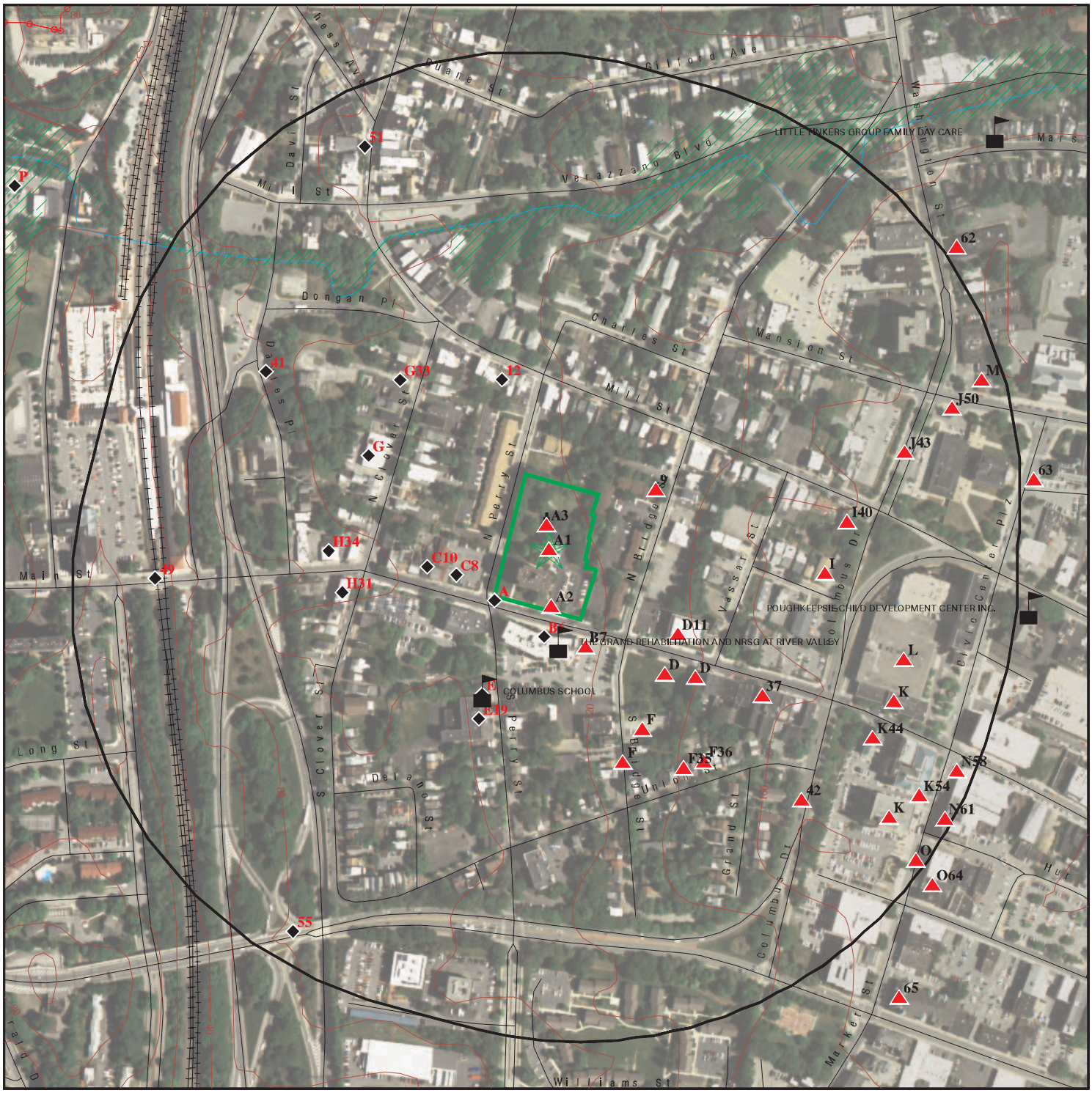
DETAIL MAP - 6901589.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 135 Main Street	CLIENT: Hillmann Environmental Co.
ADDRESS: 135 Main Street Poughkeepsie NY 12601	CONTACT: Joanne Bedkowski INQUIRY #: 6901589.2s
LAT/LONG: 41.705876 / 73.933441	DATE: March 16, 2022 4:42 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	1	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	1	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	1	NR	NR	1
US INST CONTROLS	0.500		0	0	1	NR	NR	1
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
NY SHWS	1.000		1	0	4	0	NR	5
Lists of state and tribal landfills and solid waste disposal facilities								
NY SWF/LF	0.500		0	1	0	NR	NR	1
Lists of state and tribal leaking storage tanks								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY LTANKS	0.500		4	5	15	NR	NR	24
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250	1	4	6	NR	NR	NR	11
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	0	NR	NR	NR	0
NY AST	0.250	1	2	6	NR	NR	NR	9
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	1	NR	NR	NR	1
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		1	0	1	NR	NR	2
NY INST CONTROL	0.500		1	0	1	NR	NR	2
Lists of state and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
NY BROWNFIELDS	0.500		1	0	3	NR	NR	4
NY ERP	0.500		0	0	2	NR	NR	2
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	1	0	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	0.001		0	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
NY Spills	0.125		17	NR	NR	NR	NR	17
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	7	NR	NR	NR	10
FUDS	1.000		0	0	1	0	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	1	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	1	0	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	0.001		0	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0
NY Financial Assurance	0.001		0	NR	NR	NR	NR	0
NY HSWDS	0.500		1	0	1	NR	NR	2
NY MANIFEST	0.250		4	7	NR	NR	NR	11
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
NY SPDES	0.001		0	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	0.001		0	NR	NR	NR	NR	0
NY COOLING TOWERS	0.001		0	NR	NR	NR	NR	0
NY LEAD	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		1	0	2	0	NR	3
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	0.001		0	NR	NR	NR	NR	0
NY RGA LF	0.001		0	NR	NR	NR	NR	0
- Totals --		2	41	36	40	0	0	119

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE** **NY UST U003241963**
Target **135 MAIN STREET** **NY AST N/A**
Property **POUGHKEEPSIE, NY 12601**

Site 1 of 5 in cluster A

Actual:
116 ft.

UST:

Name:	ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE
Address:	135 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Id/Status:	3-601156 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	3
Expiration Date:	11/07/2018
UTM X:	588689.86910
UTM Y:	4617617.79047
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	34314
Affiliation Type:	Mail Contact
Company Name:	RELIANT REALTY SERVICES, INC.
Contact Type:	Not reported
Contact Name:	PEN WISNESKI
Address1:	885 SECOND AVENUE, 31ST FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(646) 374-0099 105
EMail:	PWISNESKI@RELIANTRS.COM
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2014-05-02

Site Id:	34314
Affiliation Type:	Facility Operator
Company Name:	ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE
Contact Type:	Not reported
Contact Name:	AHMED TAYLOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 471-9788
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2014-05-02

Site Id:	34314
Affiliation Type:	Emergency Contact
Company Name:	ADMIRAL HALSEY, LP
Contact Type:	Not reported
Contact Name:	PEN WISNESKI
Address1:	Not reported

ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE (Continued) **U003241963**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(800) 784-0156
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2014-05-02

Site Id:	34314
Affiliation Type:	Facility Owner
Company Name:	ADMIRAL HALSEY, LP
Contact Type:	MANAGING MEMBER
Contact Name:	EUGENE SCHNEUR
Address1:	885 SECOND AVENUE, 31ST FLOOR, SUITE C
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(646) 502-7200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2014-04-10

Tank Info:

Tank Number:	1
Tank ID:	80612
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	10/01/1976
Date Tank Closed:	10/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE (Continued) **U003241963**

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

AST:

Name:	ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE
Address:	135 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Region:	STATE
DEC Region:	3
Site Status:	Active
Facility Id:	3-601156
Program Type:	PBS
UTM X:	588689.86910
UTM Y:	4617617.79047
Expiration Date:	11/07/2018
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	34314
Affiliation Type:	Mail Contact
Company Name:	RELIANT REALTY SERVICES, INC.
Contact Type:	Not reported
Contact Name:	PEN WISNESKI
Address1:	885 SECOND AVENUE, 31ST FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(646) 374-0099 105
EMail:	PWISNESKI@RELIANTRS.COM
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2014-05-02

Site Id:	34314
Affiliation Type:	Facility Operator
Company Name:	ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE
Contact Type:	Not reported
Contact Name:	AHMED TAYLOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 471-9788
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2014-05-02

Site Id:	34314
Affiliation Type:	Emergency Contact
Company Name:	ADMIRAL HALSEY, LP
Contact Type:	Not reported
Contact Name:	PEN WISNESKI

ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE (Continued) **U003241963**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(800) 784-0156
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2014-05-02

Site Id:	34314
Affiliation Type:	Facility Owner
Company Name:	ADMIRAL HALSEY, LP
Contact Type:	MANAGING MEMBER
Contact Name:	EUGENE SCHNEUR
Address1:	885 SECOND AVENUE, 31ST FLOOR, SUITE C
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10017
Country Code:	001
Phone:	(646) 502-7200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2014-04-10

Tank Info:

Tank Number:	002
Tank Id:	226072
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

I02 - Overfill - High Level Alarm
I04 - Overfill - Product Level Gauge (A/G)
E04 - Piping Secondary Containment - Double walled UG
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J05 - Dispenser - On Site Heating System (Supply/Return)
C03 - Pipe Location - Aboveground/Underground Combination
H05 - Tank Leak Detection - In-Tank System (ATG)
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service

ADMIRAL WILLIAM F. HALSEY SENIOR VILLAGE (Continued) **U003241963**

Pipe Model:	Not reported
Install Date:	06/01/2008
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BHYUKOWE
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

NPL Region West 1/4-1/2 1813 ft.

HUDSON RIVER PCBS
NO STREET APPLICABLE
HUDSON RIVER, NY 12871

NPL 1000384273
SEMS NYD980763841
RCRA-LQG
US ENG CONTROLS
US INST CONTROLS
NY Spills
ROD
PRP
CONSENT

NPL:

EPA Region:	2
EPA ID:	NYD980763841
Site ID:	202229
Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12871
Federal:	N
Final Date:	1984-09-21 00:00:00
Latitude:	43.1102
Longitude:	-73.5765
Site Score:	54.659999999999997
NAI:	Not reported
Native American Entity:	Not reported

NPL:

NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
CAS Number:	Not reported
Substance:	Not reported
Pathway:	Not reported
Scoring:	Not reported

NPL Status:	Currently on the Final NPL
Substance ID:	A046
CAS Number:	1336-36-3
Substance:	POLYCHLORINATED BIPHENYLS
Pathway:	AIR PATHWAY
Scoring:	4

NPL Status:	Currently on the Final NPL
Substance ID:	A046
CAS Number:	1336-36-3
Substance:	POLYCHLORINATED BIPHENYLS
Pathway:	SURFACE WATER PATHWAY
Scoring:	4

HUDSON RIVER PCBS (Continued) **1000384273**

Summary Details:

Conditions at listing September 1983): The Hudson River PCBs Site is a 40-mile stretch of the Hudson River between Mechanicville and Fort Edward, New York. General Electric Co. discharged an estimated l.l million pounds of PCBs into this stretch of river. The State has identified 40 hot spots, defined as sediments contaminated with greater than 50 parts per million ppm) of PCBs. Also included in the site are five remnant areas, which are river sediments exposed when thelevel of the river was lowered due to removal of the Fort Edward Dam. The State has taken initial measures to stabili e the remnant areas from erosion. In September 1980, Congress passed an amendment to the Clean Water Act CWA) that included the Hudson River PCB Reclamation Demonstration Project. Under this legislation, the EPA Administrator could authori e a 75 percent grant, not to exceed 20 million. EPA issued a final Environmental Impact Statement in October 1982 evaluating various dredging alternatives for a demonstration project. EPA has prepared a feasibility study to evaluate alternative remedial actions under CERCLA. The Administrator has determined that CERCLA funds may be used for remedial action atthe remnant areas and for evaluating the effectiveness of the water supply system at Waterford, New York. Status June 1984): EPA has completed a draft feasibility study identifying alternatives for remedial action. A search for partiespotentially responsible for wastes associated with the site has been completed, and EPA has sent letters to two potentially responsible parties notifying them of possible legal action under CERCLA.

NPL:
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 0

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

NPL:
NPL Name: HUDSON RIVER PCBS

NPL:
EPA Region: 02
Site ID: 0202229
Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 09/21/84
Date Proposed: 09/08/83

NPL:
Proposed Date: 09/08/1983
Final Date: 09/21/1984
Deleted Date: Not reported
NPL Status: Final

SEMS:
Site ID: 0202229

HUDSON RIVER PCBS (Continued) **1000384273**

EPA ID: NYD980763841
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
Address 2: Not reported
City,State,Zip: HUDSON RIVER, NY 12871-2834
Cong District: 21
FIPS Code: 36115
Latitude: +43.110200
Longitude: -073.576500
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 03
Action Code: RS
Action Name: RV ASSESS
SEQ: 4
Start Date: 1998-10-14 04:00:00
Finish Date: 1/7/1999 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 2
Start Date: 1991-02-22 05:00:00
Finish Date: 4/3/2007 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1983-09-08 04:00:00
Finish Date: 9/8/1983 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

HUDSON RIVER PCBS (Continued) **1000384273**

Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-09-01 04:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	L
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1983-08-01 04:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	1999-10-06 04:00:00
Finish Date:	9/14/2001 4:00:00 AM
Qual:	S
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1992-11-19 05:00:00
Finish Date:	12/1/1992 5:00:00 AM

HUDSON RIVER PCBS (Continued) **1000384273**

Qual:	S
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	RD
Action Name:	RD
SEQ:	2
Start Date:	1989-02-02 05:00:00
Finish Date:	6/5/1989 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	1984-03-30 06:00:00
Finish Date:	9/25/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	TG
Action Name:	TA GRANT
SEQ:	1
Start Date:	1995-09-29 04:00:00
Finish Date:	9/20/2005 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI

HUDSON RIVER PCBS (Continued) **1000384273**

SEQ: 2
Start Date: 2002-03-25 05:00:00
Finish Date: 11/2/2006 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1983-07-01 04:00:00
Finish Date: 7/1/1983 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 3
Start Date: 2005-11-07 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 02
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1992-04-24 04:00:00
Finish Date: Not reported
Qual: E
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N

HUDSON RIVER PCBS (Continued) **1000384273**

OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1984-09-21 05:00:00
Finish Date:	9/21/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	CO
Action Name:	RI/FS
SEQ:	2
Start Date:	1990-07-25 04:00:00
Finish Date:	2/1/2002 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1984-09-25 05:00:00
Finish Date:	9/25/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	2
Start Date:	2002-02-01 05:00:00
Finish Date:	2/1/2002 5:00:00 AM
Qual:	R
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841

HUDSON RIVER PCBS (Continued) **1000384273**

Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1
Start Date:	1991-09-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	3
Start Date:	1998-06-03 04:00:00
Finish Date:	6/24/1999 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1990-04-17 04:00:00
Finish Date:	8/21/1990 4:00:00 AM
Qual:	S
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	RA
Action Name:	RA
SEQ:	2
Start Date:	2008-05-09 04:00:00
Finish Date:	11/24/2009 5:00:00 AM
Qual:	FR
Current Action Lead:	EPA Perf

HUDSON RIVER PCBS (Continued) **1000384273**

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: SS
Action Name: ESI RI
SEQ: 1
Start Date: 2002-06-30 04:00:00
Finish Date: 8/31/2005 4:00:00 AM
Qual: W
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 2012-06-01 05:00:00
Finish Date: 6/1/2012 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 2
Start Date: 2000-03-28 05:00:00
Finish Date: Not reported
Qual: V
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2016-03-29 05:00:00
Finish Date: 4/11/2019 5:00:00 AM

HUDSON RIVER PCBS (Continued) **1000384273**

Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 02
Action Code: RA
Action Name: RA
SEQ: 3
Start Date: 2008-12-04 05:00:00
Finish Date: 12/23/2009 5:00:00 AM
Qual: FR
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: EL
Action Name: PRP CR
SEQ: 1
Start Date: 1989-07-07 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 01
Action Code: BE
Action Name: PRP RD
SEQ: 2
Start Date: 1989-09-27 04:00:00
Finish Date: 9/28/1990 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 01
Action Code: BE
Action Name: PRP RD

HUDSON RIVER PCBS (Continued) **1000384273**

SEQ: 1
Start Date: 1989-05-18 04:00:00
Finish Date: 1/7/1991 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 01
Action Code: BF
Action Name: PRP RA
SEQ: 1
Start Date: 1989-10-13 04:00:00
Finish Date: 9/29/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 02
Action Code: BF
Action Name: PRP RA
SEQ: 3
Start Date: 2005-09-06 04:00:00
Finish Date: 9/4/2012 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 02
Action Code: BF
Action Name: PRP RA
SEQ: 4
Start Date: 2010-12-31 05:00:00
Finish Date: 4/11/2019 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N

HUDSON RIVER PCBS (Continued) **1000384273**

OU:	01
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	1990-09-28 04:00:00
Finish Date:	9/29/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	04
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	2008-09-08 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	PJ
Action Name:	RP EM REM
SEQ:	1
Start Date:	2007-08-24 04:00:00
Finish Date:	8/27/2007 4:00:00 AM
Qual:	C
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	6
Start Date:	2003-08-14 04:00:00
Finish Date:	4/26/2011 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841

HUDSON RIVER PCBS (Continued) **1000384273**

Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	2003-08-14 04:00:00
Finish Date:	1/25/2008 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	3
Start Date:	2002-07-23 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	04
Action Code:	BB
Action Name:	PRP RV
SEQ:	1
Start Date:	2007-09-11 04:00:00
Finish Date:	4/10/2012 4:00:00 AM
Qual:	S
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	2019-04-11 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

HUDSON RIVER PCBS (Continued) **1000384273**

Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	RD
Action Name:	RD
SEQ:	1
Start Date:	1984-09-28 05:00:00
Finish Date:	5/18/1990 4:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf

RCRA-LQG:

Date Form Received by Agency:	20180215
Handler Name:	GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Handler Address:	446 LOCK 8 WAY
Handler City,State,Zip:	HUDSON FALLS, NY 12839
EPA ID:	NYD980763841
Contact Name:	ROBERT G GIBSON
Contact Address:	RIVER ROAD
Contact City,State,Zip:	SCHENECTADY, NY 12345
Contact Telephone:	518-388-7505
Contact Fax:	Not reported
Contact Email:	BOB.GIBSON@GE.COM
Contact Title:	SENIOR PROJECT MANAGER
EPA Region:	02
Land Type:	Other
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R5
Mailing Address:	RIVER ROAD
Mailing City,State,Zip:	SCHENECTADY, NY 12345
Owner Name:	SEE COMMENTS IN SECTION 18
Owner Type:	Other
Operator Name:	GENERAL ELECTRIC COMPANY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

HUDSON RIVER PCBS (Continued) **1000384273**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

HUDSON RIVER PCBS (Continued) **1000384273**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ELECTRIC COMPANY
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: 1 RIVER ROAD
Owner/Operator City,State,Zip: SCHENECTADY, NY 12345
Owner/Operator Telephone: 518-388-7505
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ELECTRIC COMPANY
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: 9TH AVE SW
Owner/Operator City,State,Zip: CALGARY T2P 4Z4
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CANADIAN PACIFIC RR
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: 9TH AVE SW
Owner/Operator City,State,Zip: CALGARY T2P 4Z4
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ELECTRIC COMPANY
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	USEPA
Legal Status:	Federal
Date Became Current:	20080604
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE SECTION 11 COMMENTS
Legal Status:	State
Date Became Current:	20070502
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	NY
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE COMMENTS IN SECTION 18
Legal Status:	Other
Date Became Current:	20070204
Date Ended Current:	Not reported
Owner/Operator Address:	446 LOCK WAY
Owner/Operator City,State,Zip:	HUDSON FALLS, NY 12839
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WCC LLC
Legal Status:	Private
Date Became Current:	20070402
Date Ended Current:	Not reported
Owner/Operator Address:	67 WILLOW GLEN
Owner/Operator City,State,Zip:	MECHANICVILLE, NY 12188
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GE HUDSON RIVER SEDIMENT REMEDIATION
Legal Status:	Private

HUDSON RIVER PCBS (Continued) **1000384273**

Date Became Current:	20070423
Date Ended Current:	Not reported
Owner/Operator Address:	381 BROADWAY
Owner/Operator City,State,Zip:	FORT EDWARD, NY 12828
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GENERAL ELECTRIC CO
Legal Status:	Private
Date Became Current:	20070402
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GE HUDSON RIVER SEDIMENT REMEDIATION
Legal Status:	Private
Date Became Current:	20070423
Date Ended Current:	Not reported
Owner/Operator Address:	381 BROADWAY
Owner/Operator City,State,Zip:	FORT EDWARD, NY 12828
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CANADIAN PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	20070502
Date Ended Current:	Not reported
Owner/Operator Address:	401 9TH AVE SW
Owner/Operator City,State,Zip:	CALGARY, AB T2P4Z4
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100303
Handler Name:	GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

HUDSON RIVER PCBS (Continued) **1000384273**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120301
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140303
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180215
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20060101
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Receive Date: 20070101
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080829
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERFUND USEPA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SIte:
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
Address 2: Not reported
City,State,Zip: HUDSON RIVER, NY 12871-2834

HUDSON RIVER PCBS (Continued) **1000384273**

Event Code: Not reported
Action Taken Date: 02/01/2002
EPA ID: NYD980763841
Action Name: Record of Decision
Action ID: 2
Operable Unit: 02
Contaminated Media: Sediment
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

Media:
EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/25/1984
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1984
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/25/1984
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1984
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/25/1984

HUDSON RIVER PCBS (Continued) **1000384273**

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1984
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/25/1984
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1984
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 02/01/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 02/01/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002

HUDSON RIVER PCBS (Continued) **1000384273**

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 02/01/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Surface Water
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 02/01/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Surface Water
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 02/01/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841

HUDSON RIVER PCBS (Continued) **1000384273**

Contaminated Media:	Sediment
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	02/01/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500

US INST CONTROLS:

Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
Address 2:	Not reported
City,State,Zip:	HUDSON RIVER, NY 12871-2834
EPA ID:	NYD980763841
Action Name:	Record of Decision
Action ID:	2
Operable Unit:	02
Actual Date:	02/01/2002
Contaminated Media:	Surface Water
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500

SPILLS:

Name:	HUDSON RIVER
Address:	HUDSON RIVER
City,State,Zip:	OSSINING, NY
Spill Number/Closed Date:	0308107 / 2003-10-31
Facility ID:	0308107
Facility Type:	ER
DER Facility ID:	278391
Site ID:	237813
DEC Region:	3
Spill Cause:	Abandoned Drums
Spill Class:	D4
SWIS:	6000
Spill Date:	2003-10-31
Investigator:	rxamato
Referred To:	Not reported
Reported to Dept:	2003-10-31

HUDSON RIVER PCBS (Continued) **1000384273**

CID:	297
Water Affected:	HUDSON RIVER
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-10-31
Spill Record Last Update:	2003-11-06
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	PETTY OFFFICER HAWKINS
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SMITH 10/31/03: MEG hired by USCG to remove test and dispose. Container did not leak."
Remarks:	"CALL TO NRC REPORTING A 55 GALLON DRUM OF UNKNOWN PETROLEUM FLOATING - USCG IS REPOSNDING TO THE SITE"

All Materials:

Site ID:	237813
Operable Unit ID:	874400
Operable Unit:	01
Material ID:	501630
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	55.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

ROD:

Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12871
EPA ID:	NYD980763841
RG:	2
Site ID:	202229
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	REMNANT DEPOSIT CAPPING
SEQ ID:	1
Action Completion:	1984-09-25 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12871
EPA ID:	NYD980763841
RG:	2

HUDSON RIVER PCBS (Continued) **1000384273**

Site ID: 202229
Action: GOVT Decision Document (ROD)
Operable Unit Number: REASSESSMENT RIVER
SEQ ID: 2
Action Completion: 2002-02-01 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name: DELAWARE AND HUDSON RAILWAY CO INC
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GOLUB PROPERTIES OF WATERVLIET INC
NEW YORK STATE CANAL CORPORATION
NIAGARA MOHAWK POWER COMPANY
TOWN OF HALFMOON NEW YORK
VILLAGE OF STILLWATER
WATER COMMISSIONERS OF THE TOWN OF WATERFORD

CONSENT:
EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num: 05-1270
District: New York, North
Entered Date: 11/02/06
Name: HUDSON RIVER PCBS
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
City,State,Zip: HUDSON RIVER, NY 12801
County: WASHINGTON

EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num: 05-1270
District: New York, North
Entered Date: 11/02/06
Name: HUDSON RIVER PCBS
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
City,State,Zip: HUDSON RIVER, NY 12801
County: WASHINGTON

EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num: 05-1270

HUDSON RIVER PCBS (Continued) **1000384273**

District: New York, North
Entered Date: 11/02/06
Name: HUDSON RIVER PCBS
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
City,State,Zip: HUDSON RIVER, NY 12801
County: WASHINGTON

EPA ID: NYD980763841
Site ID: Not reported
Case Title: Not reported
Court Num: Not reported
District: Not reported
Entered Date: Not reported
Name: US V. GENERAL ELECTRIC COMPANY
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
City,State,Zip: HUDSON RIVER, NY 12801
County: WASHINGTON

EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num: 05-1270
District: New York, North
Entered Date: 11/02/06
Name: HUDSON RIVER PCBS
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
City,State,Zip: HUDSON RIVER, NY 12801
County: WASHINGTON

A2 **RIVER CARE NURSING HOME** **NY UST** **U003297862**
139-144 MAIN ST **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
1 ft.

Site 2 of 5 in cluster A

Relative: Higher
Actual: 116 ft.

UST:
Name: RIVER CARE NURSING HOME
Address: 139-144 MAIN ST
City,State,Zip: POUGHKEEPSIE, NY 12601
Id/Status: 3-601201 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 3
Expiration Date: N/A
UTM X: 588688.53515
UTM Y: 4617617.99594
Site Type: Hospital/Nursing Home/Health Care

Affiliation Records:
Site Id: 34338
Affiliation Type: Mail Contact
Company Name: THE GRAND AT RIVER VALLEY
Contact Type: Not reported
Contact Name: AVI KAHN
Address1: 140 MAIN ST

RIVER CARE NURSING HOME (Continued) **U003297862**

Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(718) 215-6602 6000
EMail:	AKAHN@THEGRANDHEALTHCARE.COM
Fax Number:	Not reported
Modified By:	GAAHLERS
Date Last Modified:	2018-03-30

Site Id:	34338
Affiliation Type:	Facility Operator
Company Name:	RIVER CARE NURSING HOME
Contact Type:	Not reported
Contact Name:	UNKNOWN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	34338
Affiliation Type:	Emergency Contact
Company Name:	POUGHKEEPSIE URBAN RENEWAL
Contact Type:	Not reported
Contact Name:	UNKNOWN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	34338
Affiliation Type:	Facility Owner
Company Name:	POUGHKEEPSIE URBAN RENEWAL
Contact Type:	DIRECTOR OF FACILITIES
Contact Name:	AVI KAHN
Address1:	P.O. BOX 300
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(914) 876-4400

RIVER CARE NURSING HOME (Continued) **U003297862**

EMail: Not reported
Fax Number: Not reported
Modified By: GAAHLERS
Date Last Modified: 2018-03-30

Tank Info:

Tank Number: 1
Tank ID: 80741
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: 03/30/1998
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: GAAHLERS
Last Modified: 03/30/2018

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping

A3 **POUGHKEEPSIE MGP** **EDR MGP** **1008408024**
NORTH PERRY STREET **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
1 ft.

Site 3 of 5 in cluster A

Relative: Higher

Actual: 117 ft.

Manufactured Gas Plants:

No additional information available

A4
SW
< 1/8
0.002 mi.
12 ft.

NYSDOT PROJECT
133 MAIN STREET
CARROLL (FREWSBURG), NY

Site 4 of 5 in cluster A

NY Spills **S103569578**
N/A

Relative:
Lower

Actual:
112 ft.

SPILLS:

Name:	NYSDOT PROJECT
Address:	133 MAIN STREET
City,State,Zip:	CARROLL (FREWSBURG), NY
Spill Number/Closed Date:	9604735 / 1996-08-06
Facility ID:	9604735
Facility Type:	ER
DER Facility ID:	166016
Site ID:	199464
DEC Region:	9
Spill Cause:	Other
Spill Class:	E6
SWIS:	0724
Spill Date:	1996-07-11
Investigator:	MXFRANKS
Referred To:	CHAUTAUQUA CNTY HEALTH DEPT
Reported to Dept:	1996-07-11
CID:	205
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	1996-08-06
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-07-11
Spill Record Last Update:	2001-04-06
Spiller Name:	Not reported
Spiller Company:	NONE
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	NYS DOT
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF-CHCHD 07/11/96: MF COMPLAINT OF CONTAMINATED SOIL IN FRONT OF VACENT LOT 133 MAIN ST. DOT DOING ROAD WORK. CHCHD TO INSPECT. 08/06/96: MF T/C MAV, HE INSPECTED, NOTICED SEPTIC ODOR, NO GASOLINE OR PETROLEUM ODOR. CONTTRACTOR REMOVED. NO ACTION NECESSARY BY SPILLS."
Remarks:	"caller states that while diging up roadway in front of 133 main street, came across contaminated soil 4 feet down . property is adjacent to abandoned gasoline station."

All Materials:

Site ID:	199464
Operable Unit ID:	1035703
Operable Unit:	01
Material ID:	569669
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

NYSDOT PROJECT (Continued) **S103569578**

Units: G
Recovered: .00
Oxygenate: Not reported

A5 **CH - BAYEAUX STREET POUGHKEEPSIE MGP** **NY SHWS** **S111828138**
SW **MAIN STREET AND NORTH PERRY STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
0.006 mi.
34 ft. **Site 5 of 5 in cluster A**

Relative: **Lower**
Actual: **111 ft.**

SHWS:
Name: CH - BAYEAUX STREET POUGHKEEPSIE MGP
Address: MAIN STREET AND NORTH PERRY STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Program: HW
Site Code: 338782
Classification: C
Region: 3
Acres: 1.200
HW Code: 314071
Record Add: 11/18/1999
Record Upd: 05/04/2012
Updated By: GWCROSS
Site Description: "Site was given a class of R. Decision was made on 3/12/07 to classify as N. Reclassified to C. This was the site of a small MGP on Main Street and North Perry Street in Poughkeepsie. A senior citizens housing development occupies the site today. The site is included in a multi-site Consent Order #D3-0134-89-05 1/12/90. A Site Assessment (PSA) was performed in 1990. No significant MGP waste material was found, and an NFA letter was sent on 03/12/07. As DER's experience with MGP sites grew, a few data gaps were identified in the original PSA. Central Hudson completed additional investigation work in 2006 to more completely cover the full footprint of the site with borings and test pits. The additional work confirmed the original conclusion that no significant MGP waste was present at the site. A letter stating this conclusion was issued on 03/12/07. "
Env Problem: "The 1990 PSA found little evidence of MGP wastes in the subsurface. Additional work conducted in 2006 addressed potential data gaps in the original PSA. This second round of work also failed to detect significant levels of contamination."
Health Problem: "No contact with site-related contaminants is expected."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 00:00: / 00:00:
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2008-12-30 14:21:00
Updated By: GWCROSS
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: ADMIRAL HALSEY SENIOR VILLAGE INCORPORATED

CH - BAYEAUX STREET POUGHKEEPSIE MGP (Continued) **S111828138**

Owner Address:	MAIN STREET AND NORTH PERRY STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	POUGHKEEPSIE, NY 12601
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

B6 **SPILL NUMBER 9714354** **NY Spills** **S104646795**
South **138-144 MAIN STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.015 mi.
80 ft. **Site 1 of 2 in cluster B**

Relative: **Lower**
Actual: **115 ft.**

SPILLS:

Name:	SPILL NUMBER 9714354
Address:	138-144 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9714354 / 1998-03-26
Facility ID:	9714354
Facility Type:	ER
DER Facility ID:	179180
Site ID:	216423
DEC Region:	3
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	1446
Spill Date:	1998-03-26
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	1998-03-26
CID:	266
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-26
Spill Record Last Update:	1998-04-09
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE 03/26/98 SPOKE WITH JOHN SOTER; TANK WAS ACTUALLY AN A/G TANK IN THE BASEMENT OF A BUILDING THAT WAS DEMOLISHED & BASEMENT WAS

SPILL NUMBER 9714354 (Continued) **S104646795**

Remarks: FILLED IN; TWO DRUMS OF CONTAMINATED MATERIAL HAS BEEN REMOVED; " "VACANT LOT. DURING CONTAMINATION FOUND DURING REMOVAL OF 275 GALLON UNDERGROUND STORAGE TANK. PROPERTY MAY BE OWNED BY THE CITY, BUT CALLER IS NOT SURE."

All Materials:

Site ID:	216423
Operable Unit ID:	1060131
Operable Unit:	01
Material ID:	325319
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B7 **SALVATION ARMY** **NY Spills** **S123658975**
SSE **150 MAIN ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.016 mi.
86 ft. **Site 2 of 2 in cluster B**

Relative: Higher
Actual: 118 ft.

SPILLS:

Name:	SALVATION ARMY
Address:	150 MAIN ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1809200 / 2018-12-03
Facility ID:	1809200
Facility Type:	ER
DER Facility ID:	532682
Site ID:	580035
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	1413
Spill Date:	2018-12-01
Investigator:	DXWEITZ
Referred To:	Not reported
Reported to Dept:	2018-12-01
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2018-12-01
Spill Record Last Update:	2018-12-03
Spiller Name:	Not reported
Spiller Company:	SALVATION ARMY
Spiller Address:	Not reported

SALVATION ARMY (Continued) **S123658975**

Spiller Company: 999
Contact Name: ILEAN DOCKY
DEC Memo: "12/1/18 1 gal spill from fill outside on concrete. Has already been cleaned up. NFA dw"
Remarks: "over fill came out of vent, clean up complete."

All Materials:
Site ID: 580035
Operable Unit ID: 1327749
Operable Unit: 01
Material ID: 2336675
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

C8 **ON ST.NEAR MILANESE REST.** **NY Spills** **S102151948**
WSW **115 MAIN ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.025 mi.
130 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
110 ft.

SPILLS:
Name: ON ST.NEAR MILANESE REST.
Address: 115 MAIN ST
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 9202522 / 1992-06-02
Facility ID: 9202522
Facility Type: ER
DER Facility ID: 239711
Site ID: 296222
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 1446
Spill Date: 1992-06-02
Investigator: dxtraver
Referred To: Not reported
Reported to Dept: 1992-06-02
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: 1992-06-02
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-06-02
Spill Record Last Update: 1992-06-24
Spiller Name: Not reported
Spiller Company: LOVE/EFFRON OIL

ON ST.NEAR MILANESE REST. (Continued) **S102151948**

Spiller Address:	154 GARDEN ST.
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TRAVER "
Remarks:	"AIR ELIMINATOR ON TRUCK MALFUNCTIONED OIL LEAKED TO PAVED STREET SPILL DYKED BY DRIVER SPILL TEAM AND DRIVER APPLIED SPEEDI-DRI WILL P/U AND DISPOSE. DCHD INSPECTED AND CONFIRMED CLEANUP. NFA"

All Materials:

Site ID:	296222
Operable Unit ID:	966614
Operable Unit:	01
Material ID:	567493
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	6.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

9
ENE
< 1/8
0.034 mi.
180 ft.

CHG&E, BAYEAUX STREET
N PERRY STREET
POUGHKEEPSIE, NY 12601

NY HSWDS **S108146277**
N/A

Relative: Higher

Actual: 129 ft.

HSWDS:

Facility ID:	HS3009
Region:	3
Facility Status:	Unknown
Owner Type:	Puplic
Owner:	Admiral Halsey Senior Village
Owner Address:	515 Rockaway BLVD.
Owner Phone:	Unknown
Operator Type:	Puplic
Operator:	CHG&E
Operator:	CHG&E
Operator Phone:	(914)452-2000
EPA ID:	None
Registry:	D
Registry Site ID:	None
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Valley Stream, NY 11581
Operator City State:	Poughkeepsie, NY 12601
Quadrange:	Poughkeepsie 7.5
Latitude:	41 42'23"N
Longitude:	73 55'56"W
Acres:	1.20
Operator Date:	1850
Close Date:	1911
Completed:	Phase 2
Active:	No
PCB's Disposed:	No

CHG&E, BAYEAUX STREET (Continued) **S108146277**

Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Air
Analytical Info Exists for Ground:	Water
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Surface Soil
Analytical Info Exists for Substance:	Subsurface Soil
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Unknown
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Yes
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	15.35
Inventory:	F
Nefrap:	Not reported
Mailing:	U
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

C10
West
< 1/8
0.043 mi.
225 ft.

APT. MILANESE
111 MAIN STREET
POUGHKEEPSIE, NY

Site 2 of 2 in cluster C

NY LTANKS **S100879045**
N/A

Relative:
Lower

Actual:
107 ft.

LTANKS:

Name:	APT. MILANESE
Address:	111 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9312029 / 1994-01-19
Facility ID:	9312029
Site ID:	110554
Spill Date:	1994-01-12
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1994-01-19
SWIS:	1446
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	1994-01-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	1994-01-19
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-01-14
Spill Record Last Update:	1994-09-27
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	96814
DEC Memo:	""
Remarks:	"SPILL CONTAINED ON DIRT FLOOR OF CEELLAR EMPTYING FUEL TANK AND INSTALLING TEMP TANK.SEE 1 PAGE UPDATE BY V.MC. 1-19-94:V.MC.SITE INSP W/MR MILANESE;NEW TANK BEING INSTALLED & OLD TK TO BE REMOVED.NFA"

All Materials:

Site ID:	110554
Operable Unit ID:	994032
Operable Unit:	01
Material ID:	391034
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D11 **FEDERAL GOV - IRS@SS** **NY Spills** **S106012177**
ESE **191 MAIN ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.057 mi.
302 ft. **Site 1 of 8 in cluster D**

Relative:
Higher

Actual:
136 ft.

SPILLS:

Name:	FEDERAL GOV - IRS@SS
Address:	191 MAIN ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0212262 / 2004-07-02
Facility ID:	0212262
Facility Type:	ER
DER Facility ID:	116726
Site ID:	136004
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	D5
SWIS:	1446
Spill Date:	2003-03-12
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2003-03-13
CID:	365
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-03-13
Spill Record Last Update:	2005-03-09
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	JIM COOMBS
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE 03/14/2003 REPLACEMENT PISTON WILL BE READY IN 8-9 WEEKS. UNTIL THEN THE ELEVATOR WILL NOT BE IN USE. This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 03/13/03, 'Phone' = - -, 'Site Insp' = . "
Remarks:	"noise was heard in the elevator - otis responded - unk if there even is a spill - they will know when they pull the piston"

All Materials:

Site ID:	136004
Operable Unit ID:	863279
Operable Unit:	01
Material ID:	511997
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00

FEDERAL GOV - IRS@SS (Continued) **S106012177**

Oxygenate: Not reported

12
NNW
< 1/8
0.058 mi.
305 ft.

CHG&E: TRANSFORMER OIL
160 MILL STREET
POUGHKEEPSIE, NY

NY Spills **S113915607**
N/A

Relative:
Lower

Actual:
114 ft.

SPILLS:

Name:	CHG&E: TRANSFORMER OIL
Address:	160 MILL STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1305793 / 2013-09-03
Facility ID:	1305793
Facility Type:	ER
DER Facility ID:	441488
Site ID:	486374
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	1413
Spill Date:	2013-08-31
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2013-08-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-08-31
Spill Record Last Update:	2013-09-03
Spiller Name:	MIKE HICHAK
Spiller Company:	CENTRAL HUDSON GAS AND ELECTRIC CORP.
Spiller Address:	160 MILL STREET
Spiller Company:	999
Contact Name:	MIKE HICHAK
DEC Memo:	"ROAD WAY / CARS Will be cleaned up tonight, nfa...mm"
Remarks:	"Clean in progress"

All Materials:

Site ID:	486374
Operable Unit ID:	1236020
Operable Unit:	01
Material ID:	2235319
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	Not reported

CHG&E: TRANSFORMER OIL (Continued) **S113915607**

Oxygenate: Not reported

E13 **COLUMBUS SCHOOL: 5K UST** **NY Spills** **S104073724**
SSW **12 SO. PERRY ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.058 mi.
305 ft. **Site 1 of 3 in cluster E**

Relative: **Lower**

Actual: **108 ft.**

SPILLS:

Name:	COLUMBUS SCHOOL: 5K UST
Address:	12 SO. PERRY ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9704546 / 2008-04-01
Facility ID:	9704546
Facility Type:	ER
DER Facility ID:	125840
Site ID:	147835
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1446
Spill Date:	1997-07-16
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	1997-07-16
CID:	267
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	1997-07-16
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-07-16
Spill Record Last Update:	2009-06-18
Spiller Name:	GARY MCGRATH
Spiller Company:	COLUMBUS SCHOOL
Spiller Address:	12 SO PERRY ST
Spiller Company:	001
Contact Name:	GARY MCGRATH
DEC Memo:	"07/16/97 MINIMUM OF FREE PRODUCT; TANK & CONTAMINATED SOIL REMOVED; 3/12/09 NFA. No Info, No Impact. JO'M. See 1 page update by V.Mc. Administrative Closure: 4-1-08."
Remarks:	"WHILE REMOVING AN OIL TANK THEY NOTICED CONTAINAMATED SOIL AFTER TANK IS PULLED THEY WILL DO THE CLEANUP REQ DEC CALL HIM TODAY FOR ADVISE"

All Materials:

Site ID:	147835
Operable Unit ID:	1047774
Operable Unit:	01
Material ID:	333808
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

COLUMBUS SCHOOL: 5K UST (Continued) **S104073724**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

E14 **COLUMBUS SCHOOL** **NY UST** **U000379590**
SSW **12 SOUTH PERRY ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12603**
0.058 mi.
305 ft. **Site 2 of 3 in cluster E**

Relative:
Lower

Actual:
108 ft.

UST:

Name:	COLUMBUS SCHOOL
Address:	12 SOUTH PERRY ST
City,State,Zip:	POUGHKEEPSIE, NY 12603
Id/Status:	3-175595 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	3
Expiration Date:	N/A
UTM X:	588682.02734
UTM Y:	4617579.05065
Site Type:	School

Affiliation Records:

Site Id:	32633
Affiliation Type:	Facility Operator
Company Name:	COLUMBUS SCHOOL
Contact Type:	Not reported
Contact Name:	GARY MCGRATH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 451-4630
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	32633
Affiliation Type:	Facility Owner
Company Name:	POUGHKEEPSIE BOARD OF EDUCATIO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	11 COLLEGE AVE
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12603
Country Code:	001
Phone:	(914) 451-4900
EMail:	Not reported
Fax Number:	Not reported

COLUMBUS SCHOOL (Continued) **U000379590**

Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	32633
Affiliation Type:	Mail Contact
Company Name:	POUGHKEEPSIE BOARD OF EDUCATIO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	11 COLLEGE AVE
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12603
Country Code:	001
Phone:	(914) 451-4900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	32633
Affiliation Type:	Emergency Contact
Company Name:	POUGHKEEPSIE BOARD OF EDUCATIO
Contact Type:	Not reported
Contact Name:	GARY MCGRATH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 473-2534
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank ID:	72145
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	5000
Install Date:	Not reported
Date Tank Closed:	07/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	03
Date Test:	10/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT

COLUMBUS SCHOOL (Continued) **U000379590**

Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

D15 **VACANT LOT** **NY Spills** **S117974242**
SE **178 MAIN ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.059 mi.
311 ft. **Site 2 of 8 in cluster D**

Relative: **Higher**
Actual: **133 ft.**

SPILLS:

Name:	VACANT LOT
Address:	178 MAIN ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1502657 / 2015-11-25
Facility ID:	1502657
Facility Type:	ER
DER Facility ID:	463596
Site ID:	508937
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	D3
SWIS:	1413
Spill Date:	2015-05-27
Investigator:	JYMCCART
Referred To:	Not reported
Reported to Dept:	2015-06-10
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-06-10
Spill Record Last Update:	2015-11-25
Spiller Name:	PAUL ACKERMAN
Spiller Company:	CITY OF POUGHKEEPSIE
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ADAM ATKINSON
DEC Memo:	"6/10/15- Spoke to caller. Test pits placed on property due to potential property transfer. Had visual impacts at time of work; lab data came back below standard. Site is currently owned by C/Poughkeepsie Urban Renewal. DT 11-24-15 Sent email to Adam inquiring of status of cleanup/closure report for this site. jm

VACANT LOT (Continued) **S117974242**

11-25-15 This is now a BCP site #C314125 and has been linked to that database. NFA jm"
Remarks: "cleanup pending"

All Materials:
Site ID: 508937
Operable Unit ID: 1258232
Operable Unit: 01
Material ID: 2261356
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

D16 **QUEEN CITY LOFTS** **NY BROWNFIELDS** **S123658080**
SE **178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
0.059 mi.
311 ft. **Site 3 of 8 in cluster D**

Relative:
Higher

Actual:
133 ft.

BROWNFIELDS:
Name: QUEEN CITY LOFTS
Address: 178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Program: BCP
Site Code: 512561
Acres: 1.051
HW Code: C314125
SWIS: 1413
Town: Poughkeepsie (c)
Record Added Date: 08/14/2015
Record Updated Date: 06/09/2021
Update By: DJEATON
Site Description: "Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest,

QUEEN CITY LOFTS (Continued) **S123658080**

	toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "
Health Problem:	"Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-06-06 15:58:00
Record Upd:	2019-05-22 14:03:00
Updated By:	SMQUANDT
Own Op:	1
Sub Type:	P03
Owner Name:	Ken Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard
Owner Addr2:	Suite A
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The Kearney Realty & Development Group Inc.
Owner Address:	34 Clayton Boulevard, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Deborah Weltsch
Owner Company:	Poughkeepsie Public Library District
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6

QUEEN CITY LOFTS (Continued) **S123658080**

Sub Type:	P03
Owner Name:	C/O Hudson River Housing, Inc
Owner Company:	The Queen City Lofts Housing Development Fund Company, Inc
Owner Address:	313 Mill Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
HW Code:	C314125
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	ethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	n-propylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C314125-10-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2018-12-17 14:10:00
Record Updated:	2018-12-17 14:10:00
Updated By:	DKMACNEA
Crossref ID:	02-2018-9828
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2018-12-27 21:51:00
Record Updated:	2018-12-27 21:51:00
Updated By:	DKMACNEA
Crossref ID:	1511940
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-08-20 13:45:00
Record Updated:	2019-08-20 13:45:00
Updated By:	DKMACNEA
Crossref ID:	1502657
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-11-25 10:33:00

QUEEN CITY LOFTS (Continued) **S123658080**

Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

D17 **QUEEN CITY LOFTS** **NY INST CONTROL** **S123658138**
SE **178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
0.059 mi.
311 ft. **Site 4 of 8 in cluster D**

Relative: **Higher**
Actual: **133 ft.**

INST CONTROL:

Name:	QUEEN CITY LOFTS
Address:	178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Site Code:	512561
Control Name:	Soil Management Plan
HW Code:	C314125
Control Code:	14
Control Type:	INST
Dt record added:	12/17/2018
Dt rec updated:	05/29/2020
Updated By:	LSZINOMA
Site Code:	512561
Site Description:	"Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "
Health Problem:	"Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False

QUEEN CITY LOFTS (Continued) **S123658138**

Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2016-06-06 15:58:00
Record Upd: 2019-05-22 14:03:00
Updated By: SMQUANDT
Own Op: 1
Sub Type: P03
Owner Name: Ken Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard
Owner Addr2: Suite A
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The Kearney Realty & Development Group Inc.
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Deborah Weltsch
Owner Company: Poughkeepsie Public Library District
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: C/O Hudson River Housing, Inc
Owner Company: The Queen City Lofts Housing Development Fund Company, Inc
Owner Address: 313 Mill Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
HW Code: C314125
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125

QUEEN CITY LOFTS (Continued) **S123658138**

Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: n-propylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C314125-10-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2018-12-17 14:10:00
Record Updated: 2018-12-17 14:10:00
Updated By: DKMACNEA
Crossref ID: 02-2018-9828
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2018-12-27 21:51:00
Record Updated: 2018-12-27 21:51:00
Updated By: DKMACNEA
Crossref ID: 1511940
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-08-20 13:45:00
Record Updated: 2019-08-20 13:45:00
Updated By: DKMACNEA
Crossref ID: 1502657
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-11-25 10:33:00
Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

Name: QUEEN CITY LOFTS
Address: 178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 512561
Control Name: Landuse Restriction
HW Code: C314125
Control Code: 25
Control Type: INST
Dt record added: 12/17/2018
Dt rec updated: 05/29/2020
Updated By: LSZINOMA
Site Code: 512561
Site Description: "Location: The site consists of a portion of one tax lot located at

QUEEN CITY LOFTS (Continued) **S123658138**

178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "

Health Problem: "Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2016-06-06 15:58:00
Record Upd: 2019-05-22 14:03:00
Updated By: SMQUANDT
Own Op: 1
Sub Type: P03
Owner Name: Ken Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard
Owner Addr2: Suite A
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The Kearney Realty & Development Group Inc.
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported

QUEEN CITY LOFTS (Continued) **S123658138**

Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Deborah Weltsch
Owner Company: Poughkeepsie Public Library District
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: C/O Hudson River Housing, Inc
Owner Company: The Queen City Lofts Housing Development Fund Company, Inc
Owner Address: 313 Mill Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
HW Code: C314125
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: n-propylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C314125-10-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number

QUEEN CITY LOFTS (Continued) **S123658138**

Record Added Date: 2018-12-17 14:10:00
Record Updated: 2018-12-17 14:10:00
Updated By: DKMACNEA
Crossref ID: 02-2018-9828
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2018-12-27 21:51:00
Record Updated: 2018-12-27 21:51:00
Updated By: DKMACNEA
Crossref ID: 1511940
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-08-20 13:45:00
Record Updated: 2019-08-20 13:45:00
Updated By: DKMACNEA
Crossref ID: 1502657
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-11-25 10:33:00
Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

Name: QUEEN CITY LOFTS
Address: 178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 512561
Control Name: IC/EC Plan
HW Code: C314125
Control Code: 34
Control Type: INST
Dt record added: 12/17/2018
Dt rec updated: 05/29/2020
Updated By: LSZINOMA
Site Code: 512561
Site Description: "Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "
Env Problem: "Nature and Extent of Contamination: Remediation at the site is

QUEEN CITY LOFTS (Continued) **S123658138**

	complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "
Health Problem:	"Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-06-06 15:58:00
Record Upd:	2019-05-22 14:03:00
Updated By:	SMQUANDT
Own Op:	1
Sub Type:	P03
Owner Name:	Ken Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard
Owner Addr2:	Suite A
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The Kearney Realty & Development Group Inc.
Owner Address:	34 Clayton Boulevard, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Deborah Weltsch
Owner Company:	Poughkeepsie Public Library District
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	C/O Hudson River Housing, Inc
Owner Company:	The Queen City Lofts Housing Development Fund Company, Inc

QUEEN CITY LOFTS (Continued) **S123658138**

Owner Address: 313 Mill Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
HW Code: C314125
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: n-propylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C314125-10-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2018-12-17 14:10:00
Record Updated: 2018-12-17 14:10:00
Updated By: DKMACNEA
Crossref ID: 02-2018-9828
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2018-12-27 21:51:00
Record Updated: 2018-12-27 21:51:00
Updated By: DKMACNEA
Crossref ID: 1511940
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-08-20 13:45:00
Record Updated: 2019-08-20 13:45:00
Updated By: DKMACNEA
Crossref ID: 1502657
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-11-25 10:33:00
Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

QUEEN CITY LOFTS (Continued) **S123658138**

Name:	QUEEN CITY LOFTS
Address:	178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Site Code:	512561
Control Name:	Monitoring Plan
HW Code:	C314125
Control Code:	31
Control Type:	INST
Dt record added:	12/17/2018
Dt rec updated:	05/29/2020
Updated By:	LSZINOMA
Site Code:	512561
Site Description:	"Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "
Health Problem:	"Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-06-06 15:58:00
Record Upd:	2019-05-22 14:03:00
Updated By:	SMQUANDT
Own Op:	1

QUEEN CITY LOFTS (Continued) **S123658138**

Sub Type: P03
Owner Name: Ken Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard
Owner Addr2: Suite A
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The Kearney Realty & Development Group Inc.
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Deborah Weltsch
Owner Company: Poughkeepsie Public Library District
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: C/O Hudson River Housing, Inc
Owner Company: The Queen City Lofts Housing Development Fund Company, Inc
Owner Address: 313 Mill Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
HW Code: C314125
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: n-propylbenzene

QUEEN CITY LOFTS (Continued) **S123658138**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C314125-10-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2018-12-17 14:10:00
Record Updated: 2018-12-17 14:10:00
Updated By: DKMACNEA
Crossref ID: 02-2018-9828
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2018-12-27 21:51:00
Record Updated: 2018-12-27 21:51:00
Updated By: DKMACNEA
Crossref ID: 1511940
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-08-20 13:45:00
Record Updated: 2019-08-20 13:45:00
Updated By: DKMACNEA
Crossref ID: 1502657
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-11-25 10:33:00
Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

Name: QUEEN CITY LOFTS
Address: 178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 512561
Control Name: Environmental Easement
HW Code: C314125
Control Code: J
Control Type: INST
Dt record added: 12/17/2018
Dt rec updated: 05/29/2020
Updated By: LSZINOMA
Site Code: 512561
Site Description: "Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used

QUEEN CITY LOFTS (Continued) **S123658138**

buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "

Health Problem: "Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2016-06-06 15:58:00
Record Upd: 2019-05-22 14:03:00
Updated By: SMQUANDT
Own Op: 1
Sub Type: P03
Owner Name: Ken Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard
Owner Addr2: Suite A
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The Kearney Realty & Development Group Inc.
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Deborah Weltsch
Owner Company: Poughkeepsie Public Library District
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601

QUEEN CITY LOFTS (Continued) **S123658138**

Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: C/O Hudson River Housing, Inc
Owner Company: The Queen City Lofts Housing Development Fund Company, Inc
Owner Address: 313 Mill Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
HW Code: C314125
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: n-propylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C314125-10-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2018-12-17 14:10:00
Record Updated: 2018-12-17 14:10:00
Updated By: DKMACNEA
Crossref ID: 02-2018-9828
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2018-12-27 21:51:00
Record Updated: 2018-12-27 21:51:00
Updated By: DKMACNEA

QUEEN CITY LOFTS (Continued) **S123658138**

Crossref ID: 1511940
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-08-20 13:45:00
Record Updated: 2019-08-20 13:45:00
Updated By: DKMACNEA
Crossref ID: 1502657
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-11-25 10:33:00
Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

Name: QUEEN CITY LOFTS
Address: 178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 512561
Control Name: Site Management Plan
HW Code: C314125
Control Code: 32
Control Type: INST
Dt record added: 12/17/2018
Dt rec updated: 05/29/2020
Updated By: LSZINOMA
Site Code: 512561
Site Description: "Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "
Health Problem: "Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."

QUEEN CITY LOFTS (Continued) **S123658138**

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2016-06-06 15:58:00
Record Upd: 2019-05-22 14:03:00
Updated By: SMQUANDT
Own Op: 1
Sub Type: P03
Owner Name: Ken Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard
Owner Addr2: Suite A
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The Kearney Realty & Development Group Inc.
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Deborah Weltsch
Owner Company: Poughkeepsie Public Library District
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: C/O Hudson River Housing, Inc
Owner Company: The Queen City Lofts Housing Development Fund Company, Inc
Owner Address: 313 Mill Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
HW Code: C314125
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125

QUEEN CITY LOFTS (Continued) **S123658138**

Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: n-propylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C314125-10-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2018-12-17 14:10:00
Record Updated: 2018-12-17 14:10:00
Updated By: DKMACNEA
Crossref ID: 02-2018-9828
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2018-12-27 21:51:00
Record Updated: 2018-12-27 21:51:00
Updated By: DKMACNEA
Crossref ID: 1511940
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-08-20 13:45:00
Record Updated: 2019-08-20 13:45:00
Updated By: DKMACNEA
Crossref ID: 1502657
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-11-25 10:33:00
Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

Name: QUEEN CITY LOFTS
Address: 178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 512561
Control Name: Ground Water Use Restriction
HW Code: C314125
Control Code: 08
Control Type: INST
Dt record added: 12/17/2018

QUEEN CITY LOFTS (Continued) **S123658138**

Dt rec updated:	05/29/2020
Updated By:	LSZINOMA
Site Code:	512561
Site Description:	"Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "
Health Problem:	"Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-06-06 15:58:00
Record Upd:	2019-05-22 14:03:00
Updated By:	SMQUANDT
Own Op:	1
Sub Type:	P03
Owner Name:	Ken Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard
Owner Addr2:	Suite A
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03

QUEEN CITY LOFTS (Continued) **S123658138**

Owner Name: Kenneth Kearney
Owner Company: The Kearney Realty & Development Group Inc.
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Deborah Weltsch
Owner Company: Poughkeepsie Public Library District
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Kenneth Kearney
Owner Company: The QCL on Main Limited Partnership
Owner Address: 34 Clayton Boulevard, Suite A
Owner Addr2: Not reported
Owner City,St,Zip: Baldwin Place, NY 10505
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: C/O Hudson River Housing, Inc
Owner Company: The Queen City Lofts Housing Development Fund Company, Inc
Owner Address: 313 Mill Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
HW Code: C314125
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: n-propylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: lead
Waste Quantity: UNKNOWN

QUEEN CITY LOFTS (Continued) **S123658138**

Waste Code: Not reported
Crossref ID: C314125-10-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2018-12-17 14:10:00
Record Updated: 2018-12-17 14:10:00
Updated By: DKMACNEA
Crossref ID: 02-2018-9828
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2018-12-27 21:51:00
Record Updated: 2018-12-27 21:51:00
Updated By: DKMACNEA
Crossref ID: 1511940
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-08-20 13:45:00
Record Updated: 2019-08-20 13:45:00
Updated By: DKMACNEA
Crossref ID: 1502657
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-11-25 10:33:00
Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

Name: QUEEN CITY LOFTS
Address: 178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 512561
Control Name: Building Use Restriction
HW Code: C314125
Control Code: 26
Control Type: INST
Dt record added: 12/17/2018
Dt rec updated: 05/29/2020
Updated By: LSZINOMA
Site Code: 512561
Site Description: "Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property

QUEEN CITY LOFTS (Continued) **S123658138**

	follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "
Health Problem:	"Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-06-06 15:58:00
Record Upd:	2019-05-22 14:03:00
Updated By:	SMQUANDT
Own Op:	1
Sub Type:	P03
Owner Name:	Ken Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard
Owner Addr2:	Suite A
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The Kearney Realty & Development Group Inc.
Owner Address:	34 Clayton Boulevard, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Deborah Weltsch
Owner Company:	Poughkeepsie Public Library District
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America

QUEEN CITY LOFTS (Continued) **S123658138**

Own Op: 6
Sub Type: P03
Owner Name: C/O Hudson River Housing, Inc
Owner Company: The Queen City Lofts Housing Development Fund Company, Inc
Owner Address: 313 Mill Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
HW Code: C314125
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: n-propylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: 1,2,4-trimethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C314125
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C314125-10-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2018-12-17 14:10:00
Record Updated: 2018-12-17 14:10:00
Updated By: DKMACNEA
Crossref ID: 02-2018-9828
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2018-12-27 21:51:00
Record Updated: 2018-12-27 21:51:00
Updated By: DKMACNEA
Crossref ID: 1511940
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-08-20 13:45:00
Record Updated: 2019-08-20 13:45:00
Updated By: DKMACNEA
Crossref ID: 1502657
Cross Ref Type Code: 01
Cross Ref Type: Spill No.

QUEEN CITY LOFTS (Continued) **S123658138**

Record Added Date: 2015-11-25 10:33:00
Record Updated: 2015-11-25 10:33:00
Updated By: JYMCCART

D18 **QUEEN CITY LOFTS** **NY ENG CONTROLS** **S123658120**
SE **178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
0.059 mi.
311 ft. **Site 5 of 8 in cluster D**

Relative: **Higher**
Actual: **133 ft.**

ENG CONTROLS:

Name:	QUEEN CITY LOFTS
Address:	178-188 MAIN STREET AND 11 SOUTH BRIDGE STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Site Code:	512561
HW Code:	C314125
Control Code:	15
Control Type:	ENG
Date Record Added:	12/17/2018
Date Rec Updated:	05/29/2020
Updated By:	LSZINOMA
Site Description:	"Location: The site consists of a portion of one tax lot located at 178-188 Main Street, City of Poughkeepsie, Dutchess County, New York. The site is an irregular shaped, approximately 1.051 acre parcel, which has 236 feet of frontage on the southern side of Main Street and 190 feet of frontage on the eastern side of South Bridge Street. Site Features: The property currently contains a four story mixed use building with restricted residential and commercial uses and an asphalt parking lot. The ground generally slopes from the northwest corner of the site to the southeast. Current Zoning and Land Use: The site is zoned C-2 (Commercial with allowances for mixed-used buildings) and . Past Use of the Site: The site was used for various industrial, commercial, and residential purposes, including a machine shop and laundry facility, from as early as 1887 until the early to mid-1980s when most of the former on-site structures were demolished. In 1973 a fire gutted several of the existing buildings on the site. Site Geology and Hydrogeology: Soils have been reworked by excavation and the construction and demolition of prior buildings on the site. They consist of well drained brown to gray sands, which overlie brown loamy clays. Shallow groundwater in the vicinity of the property follows overall surficial topography and flows to the southwest, toward the Hudson River. Groundwater was encountered between 10 and 12 feet below the ground. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil, groundwater, and soil vapor is being managed under a Site Management Plan. Prior to remediation, the primary contaminants of concern were mercury, lead, and benzo(a)anthracene in soil, lead and ethylbenzene in groundwater, and tetrachloroethene in soil vapor. "
Health Problem:	"Measures are in place to control the potential for coming in contact with remaining residual contamination in subsurface soil, groundwater and soil vapor."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False

QUEEN CITY LOFTS (Continued) **S123658120**

Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-06-06 15:58:00
Record Upd:	2019-05-22 14:03:00
Updated By:	SMQUANDT
Own Op:	1
Sub Type:	P03
Owner Name:	Ken Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard
Owner Addr2:	Suite A
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The Kearney Realty & Development Group Inc.
Owner Address:	34 Clayton Boulevard, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Deborah Weltsch
Owner Company:	Poughkeepsie Public Library District
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The QCL on Main Limited Partnership
Owner Address:	34 Clayton Boulevard, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	C/O Hudson River Housing, Inc
Owner Company:	The Queen City Lofts Housing Development Fund Company, Inc
Owner Address:	313 Mill Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
HW Code:	C314125
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	ethylbenzene

QUEEN CITY LOFTS (Continued) **S123658120**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	n-propylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314125
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C314125-10-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2018-12-17 14:10:00
Record Updated:	2018-12-17 14:10:00
Updated By:	DKMACNEA
Crossref ID:	02-2018-9828
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2018-12-27 21:51:00
Record Updated:	2018-12-27 21:51:00
Updated By:	DKMACNEA
Crossref ID:	1511940
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-08-20 13:45:00
Record Updated:	2019-08-20 13:45:00
Updated By:	DKMACNEA
Crossref ID:	1502657
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-11-25 10:33:00
Record Updated:	2015-11-25 10:33:00
Updated By:	JYMCCART

E19 **COLUMBUS SCHOOL (PACE ACADEMY)** **NY Spills** **S121462620**
SSW **18 SOUTH PERRY ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.072 mi.
381 ft. **Site 3 of 3 in cluster E**

Relative: **Lower**
Actual: **105 ft.**

SPILLS:

Name:	COLUMBUS SCHOOL (PACE ACADEMY)
Address:	18 SOUTH PERRY ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1708202 / 2017-12-01
Facility ID:	1708202
Facility Type:	ER
DER Facility ID:	518164
Site ID:	564599

COLUMBUS SCHOOL (PACE ACADEMY) (Continued) **S121462620**

DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B1
SWIS:	1413
Spill Date:	2017-11-29
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2017-11-29
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2017-11-29
Spill Record Last Update:	2017-12-06
Spiller Name:	Not reported
Spiller Company:	MOBILE STEAM CO
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	BRYAN WOODS
DEC Memo:	"11/29/17 - Caller is a citizen that work as teacher at the school. The mobile boiler unit is dripping fuel in coffee can. The Caller will email pictures which will be uploaded to DECDocs. KAB 12/1/17 Small area and coffee can on asphalt impacted by oil. The delivery person that delivered oil to the mobile boiler dripped during delivery. School facilities spread some speedy dry and cleaned the staining. The oil delivery company is now on notice to be more careful and clean any drips caused by future deliveries. NFA. mt"
Remarks:	"Outside Mobile Boiler Unit set up in the rear of the building has a fuel leak which some of material has been dripping into a catch can, but most is dripping onto the ground. caller request callback so he can send pictures of the situation."

All Materials:

Site ID:	564599
Operable Unit ID:	1312542
Operable Unit:	01
Material ID:	2319847
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

F20 **COMMERCIAL PROPERTY BROWNSFIELD** **NY Spills** **S118636840**
SSE **13-15 SOUTH BRIDGE ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.074 mi.
391 ft. **Site 1 of 9 in cluster F**

Relative: **Higher**

Actual: **127 ft.**

SPILLS:

Name:	COMMERCIAL PROPERTY BROWNSFIELD
Address:	13-15 SOUTH BRIDGE ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1511940 / 2018-12-31
Facility ID:	1511940
Facility Type:	ER
DER Facility ID:	478960
Site ID:	524728
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	1413
Spill Date:	2016-03-16
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2016-03-16
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2016-03-16
Spill Record Last Update:	2019-08-20
Spiller Name:	Not reported
Spiller Company:	HISTORICAL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ECO SYSTEMS
DEC Memo:	"3-16-16 Spoke with Adam. He says they were doing some borings as part of a pre-purchase assessment. They did 6 borings, 3 of which they converted to wells. Adam notes some odor in samples. He describes impact as old and weathered. One well produced exceedences in gw for 1, 2, 4 trimethylbenzene, ethylbenzene, xylenes and a few other things. Adam says he will be project contact. Location used to be a cab company. 2006 PBS inspection done based on registered 10k motor fuel ust. Operator and owner attended PBS settlement conference. Story was that UST was removed at some point prior to inspection by Conklin. Conrad did some borings to confirm tank's removal and found contamination. They claimed tank was gone. Spill related to that incident closed. PBS registration shows as inactive due to owner not acceptably closing out registration. A second closed PBS registration exists for location as operator registered and removed a small waste oil AST discovered during 2006 inspection. jc 3-16-16 Update: Adam called back. He forgot to mention that the potential purchaser also owns the adjacent parcels to the north. These parcels are in the Brownfields program, project C314125. Adam says that the owner intends to apply for this site also since they

COMMERCIAL PROPERTY BROWNSFIELD (Continued) **S118636840**

would be included in the redevelopment plans. Advised Adam to contact Ed Moore to discuss any potential outstanding PBS issues that may fall to his client. jc The BCP site was issued a COC on December 31, 2018. The remedial work addressed the spill. The spill is closed. dkm
"

Remarks: "contamination based on sample results"

All Materials:

Site ID:	524728
Operable Unit ID:	1273690
Operable Unit:	01
Material ID:	2278145
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

F21 **DUTCHESS EXPRESS** **RCRA NonGen / NLR** **1004760411**
SSE **13 S BRIDGE ST** **FINDS** **NYR000044123**
< 1/8 **POUGHKEEPSIE, NY 12601** **ECHO**
0.074 mi. **NY MANIFEST**
391 ft. **Site 2 of 9 in cluster F**

Relative: **Higher**
Actual: **127 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	DUTCHESS EXPRESS	
Handler Address:		13 S BRIDGE ST
Handler City,State,Zip:		POUGHKEEPSIE, NY 12601
EPA ID:		NYR000044123
Contact Name:		BILL DOTY
Contact Address:		S BRIDGE ST
Contact City,State,Zip:		POUGHKEEPSIE, NY 12601
Contact Telephone:		914-471-1100
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R3
Mailing Address:		S BRIDGE ST
Mailing City,State,Zip:		POUGHKEEPSIE, NY 12601
Owner Name:		DUTCHESS EXPRESS
Owner Type:		Private
Operator Name:		DUTCHESS EXPRESS
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No

DUTCHESS EXPRESS (Continued) **1004760411**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:
Waste Code: D001

DUTCHESS EXPRESS (Continued) **1004760411**

Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: DUTCHESS EXPRESS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 13 S BRIDGE ST
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 914-471-1100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DUTCHESS EXPRESS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 13 S BRIDGE ST
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 914-471-1100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DUTCHESS EXPRESS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 13 S BRIDGE ST
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 914-471-1100
Owner/Operator Telephone Ext: Not reported

DUTCHESS EXPRESS (Continued) **1004760411**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: DUTCHESS EXPRESS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: DUTCHESS EXPRESS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970825
Handler Name: DUTCHESS EXPRESS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004536878

DUTCHESS EXPRESS (Continued) **1004760411**

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004760411
Registry ID:	110004536878
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004536878
Name:	DUTCHESS EXPRESS
Address:	13 S BRIDGE ST
City,State,Zip:	POUGHKEEPSIE, NY 12601

NY MANIFEST:

Name:	DUTCHESS EXPRESS
Address:	13 S BRIDGE ST
City,State,Zip:	POUGHKEEPSIE, NY 12601
Country:	USA
EPA ID:	NYR000044123
Facility Status:	Not reported
Location Address 1:	13 S BRIDGE ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE
Location State:	NY
Location Zip:	12601
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000044123
Mailing Name:	DUTCHESS EXPRESS
Mailing Contact:	BILL DOTY
Mailing Address 1:	13 S BRIDGE ST
Mailing Address 2:	Not reported
Mailing City:	POUGHKEEPSIE
Mailing State:	NY
Mailing Zip:	12601
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9144711100

F22 **YELLOW CAB** **NY AST** **A100307842**
SSE **15 SOUTH BRIDGE STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
0.074 mi.
392 ft. **Site 3 of 9 in cluster F**

Relative:
Higher

Actual:
129 ft.

AST:

Name:	YELLOW CAB
Address:	15 SOUTH BRIDGE STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Region:	STATE
DEC Region:	3
Site Status:	Unregulated/Closed
Facility Id:	3-601912
Program Type:	PBS
UTM X:	588811.95921
UTM Y:	4617509.84407
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	385576
Affiliation Type:	Facility Owner
Company Name:	JOHN TOMITZ
Contact Type:	PRESIDENT
Contact Name:	EDWARD TOMITZ
Address1:	390 SUFFOLK AVENUE
Address2:	Not reported
City:	ISLANDIA
State:	NY
Zip Code:	11749
Country Code:	001
Phone:	0000000000000000000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2007-08-08

Site Id:	385576
Affiliation Type:	Mail Contact
Company Name:	EDWARD TOMITZ
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	YELLOW MANAGEMENT ENTERPRISES, INC.
Address2:	15 SOUTH BRIDGE STREET
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(845) 471-1100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2007-08-08

Site Id:	385576
Affiliation Type:	Facility Operator
Company Name:	YELLOW CAB
Contact Type:	Not reported
Contact Name:	YELLOW MGMT ENTERPRISES

YELLOW CAB (Continued) **A100307842**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 471-1100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2007-08-08

Site Id:	385576
Affiliation Type:	Emergency Contact
Company Name:	JOHN TOMITZ
Contact Type:	Not reported
Contact Name:	EDWARD TOMITZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 471-1100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2007-08-08

Tank Info:

Tank Number:	1
Tank Id:	218801
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

	G00 - Tank Secondary Containment - None
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	K00 - Spill Prevention - None
	A00 - Tank Internal Protection - None
	J00 - Dispenser - None
	L00 - Piping Leak Detection - None
	D00 - Pipe Type - No Piping
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	E00 - Piping Secondary Containment - None
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275

YELLOW CAB (Continued) **A100307842**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/12/2006
Register:	True
Modified By:	BHYUKOWE
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

F23 **YELLOW CAB POUGHKEEPSIE** **NY LTANKS** **S108297256**
SSE **13 SOUTH BRIDGE ST** **NY Spills** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.074 mi.
392 ft. **Site 4 of 9 in cluster F**

Relative:
Higher

Actual:
127 ft.

LTANKS:

Name:	HUDSON RIVER SHUTTLE
Address:	13A SOUTH BRIDGE
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9106196 / 1992-07-06
Facility ID:	9106196
Site ID:	180480
Spill Date:	1991-09-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1953-06-18
SWIS:	1446
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1991-09-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1991-09-11
Spill Record Last Update:	1992-08-24
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	151374
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST."
Remarks:	"WILL EIR LINE TEST BY 9/11/91 TANK VAPOR POCKET HONER EASY 185086"

All TTF:

Facility ID:	Not reported
Spill Number:	9106196

YELLOW CAB POUGHKEEPSIE (Continued) **S108297256**

Spill Tank Test:	1539019
Site ID:	180480
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	180480
Operable Unit ID:	960517
Operable Unit:	01
Material ID:	421928
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	YELLOW CAB POUGHKEEPSIE
Address:	13 SOUTH BRIDGE ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0611093 / 2007-01-17
Facility ID:	0611093
Facility Type:	ER
DER Facility ID:	325293
Site ID:	375674
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	1413
Spill Date:	2007-01-04
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2007-01-04
CID:	406
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

YELLOW CAB POUGHKEEPSIE (Continued) **S108297256**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-01-04
Spill Record Last Update:	2007-02-20
Spiller Name:	BRIAN SUCHOFF
Spiller Company:	13 BRIDGE ST. CORPORATION
Spiller Address:	13 BRIDGE ST.
Spiller Company:	001
Contact Name:	BRIAN SUCHOFF
DEC Memo:	"JOSH CUMMINS WAS INVOLVED DUE TO PROSENCE OF UNREGISTERED UST. SAMPLES HAVE BEEN SENT. 1/9/07: V. MC. SITE INSPECT. IDC DID TANK REMOVAL BACK IN 1990'S BUT NO RECORD. A geoprobe investigation was completed by Conrad Geoscience on 1/4/07. Results indicate soil contamination is minimal and does not require further investigation/remediation. Refer to 1/17/07 report. "
Remarks:	"Did borings for potential property transaction. Found contamination in borings. Unknown clean up. Unknown if groundwater was affected."

All Materials:

Site ID:	375674
Operable Unit ID:	1133294
Operable Unit:	01
Material ID:	2123100
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F24 **CENTRAL DUBOIS VANS CABS INC** **NY UST** **U001843769**
SSE **13A SOUTH BRIDGE ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
0.075 mi.
394 ft. **Site 5 of 9 in cluster F**

Relative: **Higher**
Actual: **127 ft.**

UST:

Name:	CENTRAL DUBOIS VANS CABS INC
Address:	13A SOUTH BRIDGE ST
City,State,Zip:	POUGHKEEPSIE, NY 12601
Id/Status:	3-185086 / Inactive
Program Type:	PBS
Region:	STATE
DEC Region:	3
Expiration Date:	N/A
UTM X:	588819.45381
UTM Y:	4617505.41422
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	32933
Affiliation Type:	Facility Owner
Company Name:	CENTRAL DUBOIS VANS CABS INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	13A SOUTH BRIDGE ST

CENTRAL DUBOIS VANS CABS INC (Continued) **U001843769**

Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(914) 471-1490
EMail:	Not reported
Fax Number:	Not reported
Modified By:	RDBENDEL
Date Last Modified:	2006-08-25

Site Id:	32933
Affiliation Type:	Mail Contact
Company Name:	CENTRAL DUBOIS VANS CABS INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	13A SOUTH BRIDGE ST
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(914) 471-1490
EMail:	Not reported
Fax Number:	Not reported
Modified By:	RDBENDEL
Date Last Modified:	2006-08-25

Site Id:	32933
Affiliation Type:	Facility Operator
Company Name:	CENTRAL DUBOIS VANS CABS INC
Contact Type:	Not reported
Contact Name:	CENTRAL DUBOIS VANS CABS INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 471-1490
EMail:	Not reported
Fax Number:	Not reported
Modified By:	RDBENDEL
Date Last Modified:	2006-08-25

Site Id:	32933
Affiliation Type:	Emergency Contact
Company Name:	CENTRAL DUBOIS VANS CABS INC
Contact Type:	Not reported
Contact Name:	ROBERT ENGEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(914) 471-0378

CENTRAL DUBOIS VANS CABS INC (Continued) **U001843769**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	RDBENDEL
Date Last Modified:	2006-08-25

Tank Info:

Tank Number:	1
Tank ID:	73744
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	8000
Install Date:	10/01/1977
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	JPCUMMIN
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

D25 **APARTMENT BUILD** **NY Spills** **S106127330**
SE **192-194 MAIN STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.076 mi.
400 ft. **Site 6 of 8 in cluster D**

Relative: **Higher**
Actual: **140 ft.**

SPILLS:

Name:	APARTMENT BUILD
Address:	192-194 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0311129 / 2004-04-19
Facility ID:	0311129
Facility Type:	ER
DER Facility ID:	173020
Site ID:	208513
DEC Region:	3
Spill Cause:	Vandalism
Spill Class:	C3
SWIS:	1446
Spill Date:	2003-12-30

APARTMENT BUILD (Continued) **S106127330**

Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2003-12-30
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-12-30
Spill Record Last Update:	2004-08-11
Spiller Name:	RIVER REALTY MANAGEMENT
Spiller Company:	WILLOW COURT APARTMENTS
Spiller Address:	192-194 MAIN STREET
Spiller Company:	001
Contact Name:	ROBERT SMITH
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE 01/05/2004 V. MCCABE SITE INSPECTION. SOIL STOCKPILED REAR OF BUILDING. This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 12/30/03, 'Phone' = - -, 'Site Insp' = 12-30:R.Sm.. "
Remarks:	"TANK PULLED FOUND CONTAMINATED SOIL AND GROUNDWATER. SOILS WILL BE REMOVED AND PLACED AT FACILITY. CLOSURE REPORT WILL BE SENT TO DEC. "

All TTF:

Facility ID:	Not reported
Spill Number:	0311129
Spill Tank Test:	1528889
Site ID:	208513
Tank Number:	Not reported
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	208513
Operable Unit ID:	878885
Operable Unit:	01
Material ID:	499956
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

APARTMENT BUILD (Continued) **S106127330**

Units: L
Recovered: .00
Oxygenate: Not reported

D26 **WILLOW COURT APTS.** **NY AST** **U004048775**
SE **192-194 MAIN STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12601**
0.076 mi.
400 ft. **Site 7 of 8 in cluster D**

Relative:
Higher

Actual:
140 ft.

AST:
Name: WILLOW COURT APTS.
Address: 192-194 MAIN STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Region: STATE
DEC Region: 3
Site Status: Unregulated/Closed
Facility Id: 3-601650
Program Type: PBS
UTM X: 588885.44379
UTM Y: 4617555.47649
Expiration Date: N/A
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 55601
Affiliation Type: Facility Owner
Company Name: WIILOW COURT APARTMENTS, INC.
Contact Type: VICE PRESIDENT
Contact Name: RONALD J. PICCONE, PRESIDENT
Address1: 8 ELIZA STREET, PO. BOX 391
Address2: Not reported
City: BEACON
State: NY
Zip Code: 12508
Country Code: 001
Phone: (845) 838-1700
EMail: Not reported
Fax Number: Not reported
Modified By: ejcalifa
Date Last Modified: 2004-05-13

Site Id: 55601
Affiliation Type: Mail Contact
Company Name: WIILOW COURT APARTMENTS, INC.
Contact Type: Not reported
Contact Name: RONALD J. PICCONE, PRESIDENT
Address1: 8 ELIZA STREET
Address2: PO. BOX 391
City: BEACON
State: NY
Zip Code: 12508
Country Code: 001
Phone: (845) 838-1700
EMail: Not reported
Fax Number: Not reported
Modified By: ejcalifa

WILLOW COURT APTS. (Continued) **U004048775**

Date Last Modified: 2004-05-13

Site Id: 55601
Affiliation Type: Facility Operator
Company Name: WIILOW COURT APTS.
Contact Type: Not reported
Contact Name: RIVER MANAGEMENT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (845) 486-1100
EMail: Not reported
Fax Number: Not reported
Modified By: ejcalifa
Date Last Modified: 2004-05-13

Site Id: 55601
Affiliation Type: Emergency Contact
Company Name: WIILOW COURT APARTMENTS, INC.
Contact Type: Not reported
Contact Name: JAMIE PICCONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (845) 838-1700
EMail: Not reported
Fax Number: Not reported
Modified By: ejcalifa
Date Last Modified: 2004-05-13

Tank Info:

Tank Number: 001
Tank Id: 178780
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
Tank Location: Partially buried tank (tank with 10% or more below ground).... Tank is less than 90% above grade, partially buried.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported

WILLOW COURT APTS. (Continued) **U004048775**

Next Test Date:	Not reported
Date Tank Closed:	12/30/2003
Register:	True
Modified By:	ejcalifa
Last Modified:	04/14/2017
Material Name:	#6 fuel oil (on-site consumption)

D27 **WENDYS** **NY Spills** **S104654082**
SE **MAIN ST/VASSAR RD** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.084 mi.
445 ft. **Site 8 of 8 in cluster D**

Relative:
Higher

Actual:
143 ft.

SPILLS:

Name:	WENDYS
Address:	MAIN ST/VASSAR RD
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0003798 / 2000-06-28
Facility ID:	0003798
Facility Type:	ER
DER Facility ID:	98711
Site ID:	113101
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	D3
SWIS:	1446
Spill Date:	2000-06-28
Investigator:	vpmccabe
Referred To:	Not reported
Reported to Dept:	2000-06-28
CID:	246
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-06-28
Spill Record Last Update:	2004-08-11
Spiller Name:	CUNK
Spiller Company:	WENDY'S
Spiller Address:	MAIN ST/VASSAR RD
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE/TRAVER This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 06/28/00, 'Phone' = - -, 'Site Insp' = DCHD. "
Remarks:	"CALLER STATES THAT WENDY'S AT LOCATION IS DUMPING RAW SEWAGE INTO THEIR PARKING LOT AND GREEN SPACE - THEY SAY IT IS COOKING GREASE OR A GREASE TANK OVERFILL, BUT COMP SAYS IT IS SEWAGE"

All Materials:

Site ID:	113101
Operable Unit ID:	826193

WENDYS (Continued) **S104654082**

Operable Unit:	01
Material ID:	548548
Material Code:	0062A
Material Name:	raw sewage
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F28 **HOT BODIES AUTO RECONDITIONING** **RCRA NonGen / NLR** **1004759988**
SSE **24 S BRIDGE ST** **FINDS** **NYR000028506**
< 1/8 **POUGHKEEPSIE, NY 12601** **ECHO**
0.087 mi. **NY MANIFEST**
461 ft. **Site 6 of 9 in cluster F**

Relative: **Higher**
Actual: **122 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	HOT BODIES AUTO RECONDITIONING
Handler Address:	24 S BRIDGE ST
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601
EPA ID:	NYR000028506
Contact Name:	JOSEPH LEPHEW
Contact Address:	S BRIDGE ST
Contact City,State,Zip:	POUGHKEEPSIE, NY 12601
Contact Telephone:	914-473-2915
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	S BRIDGE ST
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12601
Owner Name:	ROBERT A JANKOVICS
Owner Type:	Private
Operator Name:	ROBERT A JANKOVICS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

HOT BODIES AUTO RECONDITIONING (Continued) **1004759988**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

HOT BODIES AUTO RECONDITIONING (Continued) **1004759988**

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: ROBERT A JANKOVICS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 43 MARKET ST
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 914-473-1600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROBERT A JANKOVICS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 43 MARKET ST
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 914-473-1600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

HOT BODIES AUTO RECONDITIONING (Continued) **1004759988**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROBERT A JANKOVICS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 43 MARKET ST
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 914-473-1600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: HOT BODIES AUTO RECONDITIONING
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: HOT BODIES AUTO RECONDITIONING
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960823
Handler Name: HOT BODIES AUTO RECONDITIONING
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

HOT BODIES AUTO RECONDITIONING (Continued) **1004759988**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004527904

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004759988
Registry ID:	110004527904
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004527904
Name:	HOT BODIES AUTO RECONDITIONING
Address:	24 S BRIDGE ST
City,State,Zip:	POUGHKEEPSIE, NY 12601

NY MANIFEST:

Name:	HOT BODIES AUTO RECONDITIONING
Address:	24 S BRIDGE ST
City,State,Zip:	POUGHKEEPSIE, NY 12601
Country:	USA
EPA ID:	NYR000028506
Facility Status:	Not reported
Location Address 1:	24 SOUTH BRIDGE STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE
Location State:	NY
Location Zip:	12601
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000028506
Mailing Name:	HOT BODIES AUTO RECONDITIONING
Mailing Contact:	JOSEPH LEPHEW
Mailing Address 1:	24 SOUTH BRIDGE STREET
Mailing Address 2:	Not reported
Mailing City:	POUGHKEEPSIE
Mailing State:	NY
Mailing Zip:	12601
Mailing Zip 4:	Not reported

HOT BODIES AUTO RECONDITIONING (Continued) **1004759988**

Mailing Country: USA
Mailing Phone: 9144732915

G29 **NYSDEC** **NY MANIFEST** **1009235192**
WNW **18 N CLOVER** **N/A**
< 1/8 **POUGHKEEPSIE, NY 12603**
0.088 mi.
463 ft. **Site 1 of 3 in cluster G**

Relative: **Lower**
Actual: **109 ft.**

NY MANIFEST:

Name:	NYSDEC
Address:	18 N CLOVER
City,State,Zip:	POUGHKEEPSIE, NY 12603
Country:	USA
EPA ID:	NYP003600095
Facility Status:	Not reported
Location Address 1:	18 N CLOVER
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE
Location State:	NY
Location Zip:	12603
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP003600095
Mailing Name:	NYSDEC
Mailing Contact:	NYSDEC
Mailing Address 1:	625 BROADWAY
Mailing Address 2:	Not reported
Mailing City:	ALBANY
Mailing State:	NY
Mailing Zip:	12233
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	5184029543

F30 **QUALITY COLLISION** **RCRA-VSQG** **1017780177**
SSE **24-26 S BRIDGE ST - REAR** **FINDS** **NYR000217695**
< 1/8 **POUGHKEEPSIE, NY 12601**
0.088 mi.
463 ft. **Site 7 of 9 in cluster F**

Relative: **Higher**
Actual: **126 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20150205
Handler Name:	QUALITY COLLISION	
Handler Address:		24-26 S BRIDGE ST - REAR
Handler City,State,Zip:		POUGHKEEPSIE, NY 12601
EPA ID:		NYR000217695
Contact Name:		JENNIFER M CLINE
Contact Address:		S BRIDGE ST - REAR
Contact City,State,Zip:		POUGHKEEPSIE, NY 12601
Contact Telephone:		845-473-3148
Contact Fax:		Not reported

QUALITY COLLISION (Continued) **1017780177**

Contact Email:	JCLINEP@AOL.COM
Contact Title:	OFFICE MANAGER
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	S BRIDGE ST - REAR
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12601
Owner Name:	JANKOVICS - SUZANNE GALANOS
Owner Type:	Private
Operator Name:	DONALD SCHECHTER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

QUALITY COLLISION (Continued) **1017780177**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150304
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD SCHECHTER
Legal Status:	Private
Date Became Current:	20141027
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANKOVICS - SUZANNE GALANOS
Legal Status:	Private
Date Became Current:	20141027
Date Ended Current:	Not reported
Owner/Operator Address:	24-26 S BRIDGE ST
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12601
Owner/Operator Telephone:	845-473-1600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20150205
Handler Name: QUALITY COLLISION	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

QUALITY COLLISION (Continued) **1017780177**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81112
NAICS Description: AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR

NAICS Code: 81119
NAICS Description: OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110063757153

Click Here:

Environmental Interest/Information System:
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

H31 **DURBY RESTAURANT** **NY Spills** **S102151098**
WSW **96 MAIN ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.090 mi.
474 ft. **Site 1 of 2 in cluster H**

Relative: **Lower**

Actual: **97 ft.**

SPILLS:
Name: DURBY RESTAURANT
Address: 96 MAIN ST
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 8807634 / 1988-12-19
Facility ID: 8807634
Facility Type: ER
DER Facility ID: 256186
Site ID: 317824
DEC Region: 3
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 1446
Spill Date: 1988-12-18

DURBY RESTAURANT (Continued) **S102151098**

Investigator:	dxtraver
Referred To:	Not reported
Reported to Dept:	1988-12-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	1988-12-19
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-01-09
Spill Record Last Update:	1989-02-03
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TRAVER "
Remarks:	"FUEL OIL IN SEWER CITY LOOKING INTO WILL CALL"

All Materials:

Site ID:	317824
Operable Unit ID:	923121
Operable Unit:	01
Material ID:	455962
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

G32 **POK. FIRE HOUSE** **NY LTANKS** **S104621505**
WNW **MAIN ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.092 mi.
488 ft. **Site 2 of 3 in cluster G**

Relative: **Lower**
Actual: **110 ft.**

LTANKS:

Name:	POK. FIRE HOUSE
Address:	MAIN ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0001246 / 2002-04-02
Facility ID:	0001246
Site ID:	238789
Spill Date:	2000-05-01
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	1446

POK. FIRE HOUSE (Continued) **S104621505**

Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2000-05-01
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-05-01
Spill Record Last Update:	2004-08-11
Spiller Name:	KEN ROSA
Spiller Company:	POUGHKEEPSIE FIRE DEPT
Spiller Address:	MAIN ST
Spiller County:	001
Spiller Contact:	KEN ROSA
Spiller Phone:	(914) 451-4112
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	196548
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 05/01/00, 'Phone' = 8/16/2001, 'Site Insp' = N/A. "
Remarks:	"TANK TEST FAILURE AT ABOVE LOCATION. TANK TO BE UNCOVERED,ISOLATED AND RETESTED. CITY ADVISED OF TEST RESULTS."

All TTF:

Facility ID:	Not reported
Spill Number:	0001246
Spill Tank Test:	1525540
Site ID:	238789
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	238789
Operable Unit ID:	822891
Operable Unit:	01
Material ID:	289468
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

POK. FIRE HOUSE (Continued) **S104621505**

Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G33 **POUGHKEEPSIE DAY CARE CENTER** **RCRA NonGen / NLR** **1001203129**
NW **36 N CLOVER ST** **FINDS** **NYR000044842**
< 1/8 **POUGHKEEPSIE, NY 12601** **ECHO**
0.093 mi. **NY MANIFEST**
489 ft. **Site 3 of 3 in cluster G**

Relative: **Lower**
Actual: **109 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	POUGHKEEPSIE DAY CARE CENTER
Handler Address:	36 N CLOVER ST
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601
EPA ID:	NYR000044842
Contact Name:	JEANNE WAGNER
Contact Address:	N CLOVER ST
Contact City,State,Zip:	POUGHKEEPSIE, NY 12601
Contact Telephone:	914-471-1910
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	N CLOVER ST
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12601
Owner Name:	CITY OF POUGHKEEPSIE
Owner Type:	Municipal
Operator Name:	CITY OF POUGHKEEPSIE
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

POUGHKEEPSIE DAY CARE CENTER (Continued) **1001203129**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF POUGHKEEPSIE
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 300 - MUNICIPAL BLDG
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12602
Owner/Operator Telephone:	914-451-4200
Owner/Operator Telephone Ext:	Not reported

POUGHKEEPSIE DAY CARE CENTER (Continued) **1001203129**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CITY OF POUGHKEEPSIE
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 300 - MUNICIPAL BLDG
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12602
Owner/Operator Telephone: 914-451-4200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CITY OF POUGHKEEPSIE
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 300 - MUNICIPAL BLDG
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12602
Owner/Operator Telephone: 914-451-4200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: POUGHKEEPSIE DAY CARE CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: POUGHKEEPSIE DAY CARE CENTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970916
Handler Name: POUGHKEEPSIE DAY CARE CENTER
Federal Waste Generator Description: Small Quantity Generator

POUGHKEEPSIE DAY CARE CENTER (Continued) **1001203129**

State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004537350

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001203129
Registry ID:	110004537350
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004537350
Name:	POUGHKEEPSIE DAY CARE CENTER
Address:	36 N CLOVER ST
City,State,Zip:	POUGHKEEPSIE, NY 12601

NY MANIFEST:

Name:	POUGHKEEPSIE DAY CARE CENTER
Address:	36 N CLOVER ST
City,State,Zip:	POUGHKEEPSIE, NY 12601
Country:	USA
EPA ID:	NYR000044842
Facility Status:	Not reported
Location Address 1:	36 NORTH CLOVER STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE

POUGHKEEPSIE DAY CARE CENTER (Continued) **1001203129**

Location State: NY
Location Zip: 12601
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000044842
Mailing Name: POUGHKEEPSIE DAY CARE CENTER
Mailing Contact: JEANNE WAGNER
Mailing Address 1: 36 NORTH CLOVER STREET
Mailing Address 2: Not reported
Mailing City: POUGHKEEPSIE
Mailing State: NY
Mailing Zip: 12601
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9144711910

H34 **RPC MAIN STREET CORP.** **NY Spills** **S122480953**
West **89 MAIN ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.101 mi.
535 ft. **Site 2 of 2 in cluster H**

Relative: **Lower**
Actual: **92 ft.**

SPILLS:
Name: RPC MAIN STREET CORP.
Address: 89 MAIN ST
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 1804131 / 2018-12-13
Facility ID: 1804131
Facility Type: ER
DER Facility ID: 526815
Site ID: 573794
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 1413
Spill Date: 2018-07-17
Investigator: MXLENNA
Referred To: Not reported
Reported to Dept: 2018-07-17
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2018-07-17
Spill Record Last Update: 2019-01-17
Spiller Name: RALPH CAUTELA
Spiller Company: RPC MAIN STREET CORP.
Spiller Address: 89 MAIN ST
Spiller Company: 001
Contact Name: RALPH CAUTELA

RPC MAIN STREET CORP. (Continued) **S122480953**

DEC Memo: "7/17/18 Received the following email from caller. She will update DEC on the soil sample... 550 gal - UST to be removed from below asphalt. Tank was out of service for about 20 years. No cap on fill pipe. Tank had oil and water in it. Crew is bringing a sample back to office this afternoon. Will wait to hear from homeowner about sending it out. ...mm 12-13-18 Tank closure report submitted. soil samples for VOCs and SVOCs are mostly ND. Detections are below CP51. No groundwater encountered and home on municipal water and sewer. NFA. ML"

Remarks: "tank removal soil affected clean up pending insurance"

All Materials:

Site ID:	573794
Operable Unit ID:	1321602
Operable Unit:	01
Material ID:	2329740
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

F35 **LANG APARTMENT BUILDING** **NY LTANKS** **S107523260**
SSE **187-189 UNION STREET** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.107 mi.
563 ft. **Site 8 of 9 in cluster F**

Relative: **Higher**

Actual: **142 ft.**

LTANKS:

Name:	LANG APARTMENT BUILDING
Address:	187-189 UNION STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0512690 / 2006-02-02
Facility ID:	0512690
Site ID:	359086
Spill Date:	2006-02-02
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1413
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2006-02-02
CID:	408
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-02-03
Spill Record Last Update:	2014-03-25

LANG APARTMENT BUILDING (Continued) **S107523260**

Spiller Name:	ROBERT LANG
Spiller Company:	APARTMENT BUILDING
Spiller Address:	187 - 189 UNION ST
Spiller County:	001
Spiller Contact:	ROBERT LANG
Spiller Phone:	(917) 880-5725
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	307411
DEC Memo:	""
Remarks:	"soil samples were taken, the owner of the building is planning on abandoning the tank, there is a new tank installed inside."

All Materials:

Site ID:	359086
Operable Unit ID:	1116310
Operable Unit:	01
Material ID:	2106454
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	APARTMENT BUILDING
Address:	187-189 UNION STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0511265 / 2006-04-25
Facility ID:	0511265
Site ID:	357383
Spill Date:	2005-12-28
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1413
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2005-12-28
CID:	408
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-12-28
Spill Record Last Update:	2006-05-31
Spiller Name:	ROBERT LONG
Spiller Company:	APARTMENT BUILDING
Spiller Address:	187-189 UNION STREET
Spiller County:	001
Spiller Contact:	ROBERT LONG

LANG APARTMENT BUILDING (Continued) **S107523260**

Spiller Phone:	(845) 876-6900
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	307411
DEC Memo:	"also called in as sp# 0512690 Based on the information contained in the 4/25/06 Closure Report prepared by Fuss & O'Neil, no further action will be required. ALl contaminants were below TAGM in the post ex samples with the exception of total xylenes which only slightly exceeded the clean up objective."
Remarks:	"NOTIFY CLIENTS THAT THEY NEED TO DO SOMETHING WITH IT, THEY HEARD SOME BUBBLING, SO THE LINE MIGHT NEED REPLACEMENT"

All Materials:

Site ID:	357383
Operable Unit ID:	1114657
Operable Unit:	01
Material ID:	2104725
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F36 **AIR** **NY Spills** **S124517624**
SE **193 UNION ST** **N/A**
< 1/8 **POUGHKEEPSIE, NY**
0.111 mi.
586 ft. **Site 9 of 9 in cluster F**

Relative: **Higher**
Actual: **147 ft.**

SPILLS:

Name:	AIR
Address:	193 UNION ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1902314 / 2019-06-05
Facility ID:	1902314
Facility Type:	ER
DER Facility ID:	540451
Site ID:	590228
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	E5
SWIS:	1413
Spill Date:	2019-06-05
Investigator:	GAAHLERS
Referred To:	Not reported
Reported to Dept:	2019-06-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

AIR (Continued) **S124517624**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2019-06-05
Spill Record Last Update:	2019-06-05
Spiller Name:	DAVINA THOMASULA
Spiller Company:	UNKNOWN
Spiller Address:	193 UNION ST
Spiller Company:	999
Contact Name:	DAVINA THOMASULA
DEC Memo:	"6/5/19 Caller reports burning, musty, ammonia-like smell that wakes them up in the middle of the night. Does not smell like gas or oil. Caller lives in row housing - said smell seems almost to be coming from inside buildings - air through the window seemed clearer, but wasn't sure. Closing at the desk as Not a Petroleum Spill. Referring to Air. ga "
Remarks:	"burning chemical smell in air only at night"

All Materials:

Site ID:	590228
Operable Unit ID:	1337874
Operable Unit:	01
Material ID:	2347305
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

37
SE
< 1/8
0.116 mi.
613 ft.

WILLOW COURT APARTMENTS
208-212 MAIN STREET
POUGHKEEPSIE, NY 12601

NY UST **U003800478**
NY Spills **N/A**

Relative:
Higher

Actual:
153 ft.

UST:

Name:	WILLOW COURT APARTMENTS
Address:	208-212 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Id/Status:	3-601488 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	3
Expiration Date:	N/A
UTM X:	588952.48160
UTM Y:	4617537.98639
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	34596
Affiliation Type:	Facility Owner
Company Name:	WILLOW COURT APARTMENTS, INC.
Contact Type:	PRESIDENT
Contact Name:	RONALD J. PICCONE
Address1:	8 ELIZA STREET
Address2:	Not reported

WILLOW COURT APARTMENTS (Continued) **U003800478**

City:	BEACON
State:	NY
Zip Code:	12508
Country Code:	001
Phone:	(845) 838-1700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2010-04-25

Site Id:	34596
Affiliation Type:	Mail Contact
Company Name:	WILLOW COURT APARTMENTS, INC.
Contact Type:	Not reported
Contact Name:	JAMES PICCONE
Address1:	8 ELIZA STREET
Address2:	PO BOX 391
City:	BEACON
State:	NY
Zip Code:	12508
Country Code:	001
Phone:	(845) 838-1700
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2010-04-25

Site Id:	34596
Affiliation Type:	Facility Operator
Company Name:	WILLOW COURT APARTMENTS
Contact Type:	Not reported
Contact Name:	NONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	00000000000000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2010-04-25

Site Id:	34596
Affiliation Type:	Emergency Contact
Company Name:	WILLOW COURT APARTMENTS, INC.
Contact Type:	Not reported
Contact Name:	JAMES PICCONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(914) 474-5264
EMail:	Not reported

WILLOW COURT APARTMENTS (Continued) **U003800478**

Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2010-04-25

Tank Info:

Tank Number:	1
Tank ID:	82632
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	08/06/2009
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	20
Date Test:	03/22/2006
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BHYUKOWE
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

SPILLS:

Name:	WILLOW COURT APTS: 2K
Address:	208-212 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0904603 / 2009-08-04
Facility ID:	0904603
Facility Type:	ER
DER Facility ID:	365845
Site ID:	416778
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	1413
Spill Date:	2009-07-21
Investigator:	mbmastro
Referred To:	Not reported
Reported to Dept:	2009-07-21
CID:	Not reported
Water Affected:	Not reported

WILLOW COURT APARTMENTS (Continued) **U003800478**

Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-07-21
Spill Record Last Update:	2009-08-25
Spiller Name:	JAMMIE
Spiller Company:	WILLOW COURT APTS
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"7-21-09: V.Mc.^ Stacy/CSC: While aband.in place a 2K UST, boring through tank came back w/hits. 8-25-09: V.Mc.: See 1 page update, inc.site inspect.of 7-30-09, noting petro odor while standing next to UST. See 8-4-09 letter: Tank Aband.Request, NFA."
Remarks:	"Clean up pending Case Manager decision."

All Materials:

Site ID:	416778
Operable Unit ID:	1173066
Operable Unit:	01
Material ID:	2164953
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

I38 **ST JOSEPHS CHURCH** **NY AST** **U003075261**
East **9 LAFAYETTE PL** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.135 mi.
715 ft. **Site 1 of 3 in cluster I**

Relative:
Higher

Actual:
170 ft.

AST:

Name:	ST JOSEPHS CHURCH
Address:	9 LAFAYETTE PL
City,State,Zip:	POUGHKEEPSIE, NY 12601
Region:	STATE
DEC Region:	3
Site Status:	Unregulated/Closed
Facility Id:	3-164410
Program Type:	PBS
UTM X:	588998.58278
UTM Y:	4617650.12099
Expiration Date:	N/A
Site Type:	Private Residence

Affiliation Records:

Site Id:	32246
Affiliation Type:	Facility Owner

ST JOSEPHS CHURCH (Continued) **U003075261**

Company Name:	ST JOSEPHS CHURCH
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	9 LAFAYETTE PL
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(914) 452-2333
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	32246
Affiliation Type:	Mail Contact
Company Name:	ST JOSEPHS CHURCH
Contact Type:	Not reported
Contact Name:	REV. JAN JACMIERSKI
Address1:	9 LAFAYETTE PL
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(914) 452-2333
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	32246
Affiliation Type:	Emergency Contact
Company Name:	ST JOSEPHS CHURCH
Contact Type:	Not reported
Contact Name:	REV JAN JACMIERSKI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 452-2333
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	32246
Affiliation Type:	Facility Operator
Company Name:	ST JOSEPHS CHURCH
Contact Type:	Not reported
Contact Name:	ST JOSEPHS CHURCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported

ST JOSEPHS CHURCH (Continued) **U003075261**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 289-6030
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	2
Tank Id:	70516
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

D00 - Pipe Type - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1992
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

I39 **ST JOSEPHS CHURCH** **NY UST** **U004080143**
East **9 LAFAYETTE PL** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.135 mi.
715 ft. **Site 2 of 3 in cluster I**

Relative: UST:
Higher

Name:	ST JOSEPHS CHURCH
Address:	9 LAFAYETTE PL
City,State,Zip:	POUGHKEEPSIE, NY 12601
Id/Status:	3-164410 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	3

Actual:
170 ft.

ST JOSEPHS CHURCH (Continued) **U004080143**

Expiration Date: N/A
UTM X: 588998.58278
UTM Y: 4617650.12099
Site Type: Private Residence

Affiliation Records:

Site Id: 32246
Affiliation Type: Facility Owner
Company Name: ST JOSEPHS CHURCH
Contact Type: Not reported
Contact Name: Not reported
Address1: 9 LAFAYETTE PL
Address2: Not reported
City: POUGHKEEPSIE
State: NY
Zip Code: 12601
Country Code: 001
Phone: (914) 452-2333
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 32246
Affiliation Type: Mail Contact
Company Name: ST JOSEPHS CHURCH
Contact Type: Not reported
Contact Name: REV. JAN JACMIERSKI
Address1: 9 LAFAYETTE PL
Address2: Not reported
City: POUGHKEEPSIE
State: NY
Zip Code: 12601
Country Code: 001
Phone: (914) 452-2333
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 32246
Affiliation Type: Emergency Contact
Company Name: ST JOSEPHS CHURCH
Contact Type: Not reported
Contact Name: REV JAN JACMIERSKI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 452-2333
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 32246

ST JOSEPHS CHURCH (Continued) **U004080143**

Affiliation Type:	Facility Operator
Company Name:	ST JOSEPHS CHURCH
Contact Type:	Not reported
Contact Name:	ST JOSEPHS CHURCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 289-6030
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank ID:	70515
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	825
Install Date:	Not reported
Date Tank Closed:	01/01/1990
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

Tank Number:	3
Tank ID:	70517
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1500
Install Date:	Not reported
Date Tank Closed:	10/25/2002

ST JOSEPHS CHURCH (Continued) **U004080143**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	06/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

I40 **POUGHKEEPSIE CITY HALL PARKING GARAGE** **RCRA NonGen / NLR** **1000912377**
East **MILL ST CIVIC CENTER PLZ** **NY MANIFEST** **NY0000632075**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.148 mi.
781 ft. **Site 3 of 3 in cluster I**

Relative: **Higher**
Actual: **165 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	POUGHKEEPSIE CITY HALL PARKING GARAGE
Handler Address:	MILL ST CIVIC CENTER PLZ
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601
EPA ID:	NY0000632075
Contact Name:	Not reported
Contact Address:	HOWARD ST EXTENSION
Contact City,State,Zip:	POUGHKEEPSIE, NY 12601
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	HOWARD ST EXTENSION
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12601
Owner Name:	POUGHKEEPSIE CITY HALL
Owner Type:	Municipal
Operator Name:	POUGHKEEPSIE CITY HALL
Operator Type:	Municipal

POUGHKEEPSIE CITY HALL PARKING GARAGE (Continued) **1000912377**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

POUGHKEEPSIE CITY HALL PARKING GARAGE (Continued) **1000912377**

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: POUGHKEEPSIE CITY HALL
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: POUGHKEEPSI, NY 12601
Owner/Operator Telephone: 914-451-4111
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: POUGHKEEPSIE CITY HALL
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: POUGHKEEPSI, NY 12601
Owner/Operator Telephone: 914-451-4111
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: POUGHKEEPSIE CITY HALL
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: POUGHKEEPSI, NY 12601
Owner/Operator Telephone: 914-451-4111
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: POUGHKEEPSIE CITY HALL PARKING GARAGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

POUGHKEEPSIE CITY HALL PARKING GARAGE (Continued) **1000912377**

Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: POUGHKEEPSIE CITY HALL PARKING GARAGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: POUGHKEEPSIE CITY HALL PARKING GARAGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940828
Handler Name: POUGHKEEPSIE CITY HALL PARKING GARAGE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: POUGHKEEPSIE CITY OF
Address: MILL ST CIVIC CENTER PLZ
City,State,Zip: POUGHKEEPSIE, NY 12601

POUGHKEEPSIE CITY HALL PARKING GARAGE (Continued) **1000912377**

Country:	USA
EPA ID:	NY0000632075
Facility Status:	Not reported
Location Address 1:	MILL ST CIVIC CENTER PLZ
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE
Location State:	NY
Location Zip:	12601
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NY0000632075
Mailing Name:	POUGHKEEPSIE CITY OF
Mailing Contact:	NELSON WALLACE
Mailing Address 1:	HOWARD ST EXTENSION
Mailing Address 2:	Not reported
Mailing City:	POUGHKEEPSIE
Mailing State:	NY
Mailing Zip:	12601
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9144514111

41
WNW
1/8-1/4
0.165 mi.
870 ft.

NYSDOT BIN 1005329
RTE 9 OVER FALLKILL CRK
POUGHKEEPSIE, NY 12601

RCRA-VSQG **1000693722**
NY MANIFEST **NYD986998409**
NJ MANIFEST

Relative:
Lower

Actual:
77 ft.

RCRA-VSQG:

Date Form Received by Agency:		20070101
Handler Name:	NYSDOT BIN 1005329	
Handler Address:		RTE 9 OVER FALLKILL CRK
Handler City,State,Zip:		POUGHKEEPSIE, NY 12601
EPA ID:		NYD986998409
Contact Name:		RICHARD MANNS
Contact Address:		BURNETT BLVD
Contact City,State,Zip:		POUGHKEEPSIE, NY 12603
Contact Telephone:		914-431-5743
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		State
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		NY
State District:		NYSDEC R3
Mailing Address:		BURNETT BLVD
Mailing City,State,Zip:		POUGHKEEPSIE, NY 12603
Owner Name:		NYSDOT
Owner Type:		State

NYSDOT BIN 1005329 (Continued) **1000693722**

Operator Name:	NYSDOT
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

NYSDOT BIN 1005329 (Continued) **1000693722**

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NYSDOT BIN 1005329
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

NYSDOT BIN 1005329 (Continued) **1000693722**

Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYSDOT BIN 1005329
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920413
Handler Name: NYSDOT BIN 1005329
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: NYSDOT
Address: RTE 9 OVER FALLKILL CRK
City,State,Zip: POUGHKEEPSIE, NY 12601
Country: USA
EPA ID: NYD986998409
Facility Status: Not reported
Location Address 1: D257723-BR 1 RT 113 & RT 9
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: POUGHKEEPIE
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986998409

NYSDOT BIN 1005329 (Continued) **1000693722**

Mailing Name:	NYSDOT
Mailing Contact:	PATRICK NOLAN
Mailing Address 1:	PO BOX 570
Mailing Address 2:	Not reported
Mailing City:	LAKE KATRINE
Mailing State:	NY
Mailing Zip:	12449
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9143364462

NJ MANIFEST:

EPA Id:	NYD986998409
Mail Address:	P.O. BOX 570
Mail City/State/Zip:	LAKE KATRINE 12449
Facility Phone:	9143364462
Emergency Phone:	Not reported
Contact:	PATRICK E. NOLEN
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5047672
EPA ID:	NYD986998409
Date Shipped:	01/14/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/14/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/14/2004
TSDF EPA Facility Name:	Not reported

NYSDOT BIN 1005329 (Continued) **1000693722**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03090421
Was Load Rejected:	LAKE KATRINE 12449
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5222999
EPA ID:	NYD986998409
Date Shipped:	01/25/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/25/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/26/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03140521
Was Load Rejected:	LAKE KATRINE 12449
Reason Load Was Rejected:	Not reported

42
SE
1/8-1/4
0.168 mi.
889 ft.

MID-HUDSON WORKSHOP FOR THE DISABLED
12 WASHINTON ST
POUGHKEEPSIE, NY 12601

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1000138933
NYD001560440

Relative:
Higher

Actual:
175 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	MID-HUDSON WORKSHOP FOR THE DISABLED
Handler Address:	12 WASHINTON ST
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601
EPA ID:	NYD001560440
Contact Name:	ALFRED HANSON
Contact Address:	WASHINGTON ST
Contact City,State,Zip:	POUGHKEEPSIE, NY 12601
Contact Telephone:	914-471-3820
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	WASHINGTON ST
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12601
Owner Name:	OWNERNAME
Owner Type:	Private
Operator Name:	OWNERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

MID-HUDSON WORKSHOP FOR THE DISABLED (Continued) **1000138933**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999

MID-HUDSON WORKSHOP FOR THE DISABLED (Continued) **1000138933**

Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20060101
Handler Name: MID-HUDSON WORKSHOP FOR THE DISABLED
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MID-HUDSON WORKSHOP FOR THE DISABLED
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19830609
Handler Name: MID-HUDSON WORKSHOP FOR THE DISABLED
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

MID-HUDSON WORKSHOP FOR THE DISABLED (Continued) **1000138933**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004335489

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000138933
Registry ID: 110004335489
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004335489
Name: MID-HUDSON WORKSHOP FOR THE DISABLED
Address: 12 WASHINTON ST
City,State,Zip: POUGHKEEPSIE, NY 12601

NY MANIFEST:
Name: MID HUDSON DISABLED WORKSHOP
Address: 12 WASHINTON ST
City,State,Zip: POUGHKEEPSIE, NY 12601
Country: USA
EPA ID: NYD001560440
Facility Status: Not reported
Location Address 1: 212 WASHINGTON STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: POUGHKEEPSIE
Location State: NY
Location Zip: 12601
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD001560440
Mailing Name: MID HUDSON DISABLED WORKSHOP
Mailing Contact: DONALD RAJCZI
Mailing Address 1: 212 WASHINGTON STREET
Mailing Address 2: Not reported

MID-HUDSON WORKSHOP FOR THE DISABLED (Continued) **1000138933**

Mailing City:	POUGHKEEPSIE
Mailing State:	NY
Mailing Zip:	12601
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9144713820

J43 **SOUTHERN WATERFRONT INDUSTRIAL AREA STRATEGIC CLUS** **US BROWNFIELDS** **1016351013**
ENE **PROPSECT STREET** **FINDS** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.183 mi.
966 ft. **Site 1 of 2 in cluster J**

Relative: **Higher**
Actual: **166 ft.**

US BROWNFIELDS:

Name:	SOUTHERN WATERFRONT INDUSTRIAL AREA STRATEGIC CLUS
Address:	PROPSECT STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Recipient Name:	Ulster County
Grant Type:	Assessment
Property Number:	-
Parcel size:	20.2
Latitude:	41.70671
Longitude:	-73.929379
HCM Label:	-
Map Scale:	-
Point of Reference:	-
Highlights:	-
Datum:	-
Acres Property ID:	11877
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	-
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	99297001
Start Date:	3/31/2003
Ownership Entity:	-
Completion Date:	3/31/2003
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	-
Video Available:	-
Photo Available:	-
Institutional Controls Required:	-

SOUTHERN WATERFRONT INDUSTRIAL AREA STRATEGIC CLUS (Continued) **1016351013**

IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	U
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-

SOUTHERN WATERFRONT INDUSTRIAL AREA STRATEGIC CLUS (Continued) **1016351013**

mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	-
Below Poverty Number:	2203
Below Poverty Percent:	30.1
Meidan Income:	6336
Meidan Income Number:	4585
Meidan Income Percent:	62.65
Vacant Housing Number:	577
Vacant Housing Percent:	15.07
Unemployed Number:	689
Unemployed Percent:	9.41

FINDS:
Registry ID: 110039530585

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

K44 **DUTCHESS COUNTY DPW - OLD CITY HALL BLDG** **RCRA NonGen / NLR** **1001079705**
ESE **228 MAIN ST** **FINDS** **NYR000014126**
1/8-1/4 **POUGHKEEPSIE, NY 12601** **ECHO**
0.186 mi. **NY MANIFEST**
982 ft. **Site 1 of 6 in cluster K**

Relative: **Higher**
Actual: **170 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	DUTCHESS COUNTY DPW - OLD CITY HALL BLDG
Handler Address:	228 MAIN ST
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601-3102
EPA ID:	NYR000014126
Contact Name:	Not reported
Contact Address:	MARKET ST
Contact City,State,Zip:	POUGHKEEPSIE, NY 12601
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	MARKET ST
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12601
Owner Name:	DUTCHESS COUNTY DEPT OF PUBLIC WORKS
Owner Type:	Municipal
Operator Name:	DUTCHESS COUNTY DEPT OF PUBLIC WORKS
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

DUTCHESS COUNTY DPW - OLD CITY HALL BLDG (Continued) **1001079705**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DUTCHESS COUNTY DEPT OF PUBLIC WORKS
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22 MARKET ST
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12601-3206
Owner/Operator Telephone:	914-486-2121
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DUTCHESS COUNTY DEPT OF PUBLIC WORKS
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22 MARKET ST
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12601-3206

DUTCHESS COUNTY DPW - OLD CITY HALL BLDG (Continued) **1001079705**

Owner/Operator Telephone: 914-486-2121
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DUTCHESS COUNTY DEPT OF PUBLIC WORKS
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 22 MARKET ST
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601-3206
Owner/Operator Telephone: 914-486-2121
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990708
Handler Name: DUTCHESS COUNTY DPW - OLD CITY HALL BLDG
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: DUTCHESS COUNTY DPW - OLD CITY HALL BLDG
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: DUTCHESS COUNTY DPW - OLD CITY HALL BLDG
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

DUTCHESS COUNTY DPW - OLD CITY HALL BLDG (Continued) **1001079705**

Receive Date: 19950926
Handler Name: DUTCHESS COUNTY DPW - OLD CITY HALL BLDG
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19961015
Handler Name: DUTCHESS COUNTY DEPARTMENT OF PUB WORKS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 92119
NAICS Description: OTHER GENERAL GOVERNMENT SUPPORT

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19961007
Actual Return to Compliance Date: 19961023
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19961017
Enforcement Identifier: 000
Date of Enforcement Action: 19961007
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NY
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYDEC
Enforcement Responsible Sub-Organization: Not reported

DUTCHESS COUNTY DPW - OLD CITY HALL BLDG (Continued) **1001079705**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19960101
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19961023
Scheduled Compliance Date:	19961017
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110000904567

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001079705
Registry ID:	110000904567
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000904567
Name:	DUTCHESS COUNTY DPW - OLD CITY HALL BLDG
Address:	228 MAIN ST
City,State,Zip:	POUGHKEEPSIE, NY 12601

NY MANIFEST:

Name:	DUCHESS COUNTY DPW
Address:	228 MAIN ST
City,State,Zip:	POUGHKEEPSIE, NY 12601-0000
Country:	USA

DUTCHESS COUNTY DPW - OLD CITY HALL BLDG (Continued) **1001079705**

EPA ID: NYR000014126
Facility Status: Not reported
Location Address 1: 228 MAIN ST (OLD CITY HALL)
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: POUGHKEEPSIE
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000014126
Mailing Name: DUCHESS COUNTY DPW
Mailing Contact: NOVAK VAJICIC
Mailing Address 1: 22 MARKET ST
Mailing Address 2: Not reported
Mailing City: POUGHKEEPSIE
Mailing State: NY
Mailing Zip: 12601
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9144862121

L45 **MID-HUDSON CIVIC CENTER** **NY UST** **U004320833**
ESE **14 CIVIC CENTER PLAZA** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.189 mi.
1000 ft. **Site 1 of 2 in cluster L**

Relative:
Higher

Actual:
170 ft.

UST:
Name: MID-HUDSON CIVIC CENTER
Address: 14 CIVIC CENTER PLAZA
City,State,Zip: POUGHKEEPSIE, NY 12601
Id/Status: 3-991154 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 3
Expiration Date: N/A
UTM X: Not reported
UTM Y: Not reported
Site Type: Other

Affiliation Records:
Site Id: 604185
Affiliation Type: Facility Owner
Company Name: MID-HUDSON CIVIC CENTER
Contact Type: PRESIDENT
Contact Name: DANIELLE ANDERSON
Address1: 14 CIVIC CENTER PLAZA
Address2: Not reported
City: POUGHKEEPSIE
State: NY
Zip Code: 12601
Country Code: 001
Phone: (845) 494-6529
EMail: DANIELLE@MIDHUSONCIVICCENTER.ORG
Fax Number: Not reported

MID-HUDSON CIVIC CENTER (Continued) **U004320833**

Modified By:	AAVITARI
Date Last Modified:	2020-04-27
Site Id:	604185
Affiliation Type:	Mail Contact
Company Name:	MID-HUDSON CIVIC CENTER
Contact Type:	PRESIDENT
Contact Name:	DANIELLE ANDERSON
Address1:	14 CIVIC CENTER PLAZA
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(845) 494-6529
EMail:	DANIELLE@MIDHUSONCIVICCENTER.ORG
Fax Number:	Not reported
Modified By:	AAVITARI
Date Last Modified:	2020-04-27
Site Id:	604185
Affiliation Type:	Facility Operator
Company Name:	MID-HUDSON CIVIC CENTER
Contact Type:	Not reported
Contact Name:	DANIELLE ANDERSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AAVITARI
Date Last Modified:	2020-04-27
Site Id:	604185
Affiliation Type:	Emergency Contact
Company Name:	MID-HUDSON CIVIC CENTER
Contact Type:	Not reported
Contact Name:	DANIELLE ANDERSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 494-6529
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AAVITARI
Date Last Modified:	2020-04-27

Tank Info:

Tank Number:	1

MID-HUDSON CIVIC CENTER (Continued) **U004320833**

Tank ID:	286620
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	15000
Install Date:	01/01/1976
Date Tank Closed:	01/29/2021
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	IANEWSON
Last Modified:	03/05/2021

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

Tank Number:	2
Tank ID:	286621
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	500
Install Date:	01/01/1976
Date Tank Closed:	01/29/2021
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	IANEWSON
Last Modified:	03/05/2021

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

MID-HUDSON CIVIC CENTER (Continued) **U004320833**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

L46 **MID-HUDSON CIVIC CENTER INC** **RCRA NonGen / NLR** **1005417300**
ESE **14 CIVIC CENTER PLZ** **FINDS** **NYR000104265**
1/8-1/4 **POUGHKEEPSIE, NY 12601** **ECHO**
0.189 mi. **NY MANIFEST**
1000 ft. **Site 2 of 2 in cluster L**

Relative: **Higher**
Actual: **170 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	MID-HUDSON CIVIC CENTER INC
Handler Address:	14 CIVIC CENTER PLZ
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601
EPA ID:	NYR000104265
Contact Name:	SUSAN DUMOULIN
Contact Address:	CIVIC CENTER PLZ
Contact City,State,Zip:	POUGHKEEPSIE, NY 12601
Contact Telephone:	845-454-5800
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	CIVIC CENTER PLZ
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12601
Owner Name:	CIVIC PROPERTIES C/O JAMES TAYLOR MFG
Owner Type:	Private
Operator Name:	CIVIC PROPERTIES C/O JAMES TAYLOR MFG
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

MID-HUDSON CIVIC CENTER INC (Continued) **1005417300**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIVIC PROPERTIES C/O JAMES TAYLOR MFG
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	108 PARK AVE

MID-HUDSON CIVIC CENTER INC (Continued) **1005417300**

Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 845-452-3780
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CIVIC PROPERTIES C/O JAMES TAYLOR MFG
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 108 PARK AVE
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 845-452-3780
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CIVIC PROPERTIES C/O JAMES TAYLOR MFG
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 108 PARK AVE
Owner/Operator City,State,Zip: POUGHKEEPSIE, NY 12601
Owner/Operator Telephone: 845-452-3780
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: MID-HUDSON CIVIC CENTER INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MID-HUDSON CIVIC CENTER INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

MID-HUDSON CIVIC CENTER INC (Continued) **1005417300**

Receive Date: 20020220
Handler Name: MID-HUDSON CIVIC CENTER INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110012197568

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1005417300
Registry ID: 110012197568
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012197568
Name: MID-HUDSON CIVIC CENTER INC
Address: 14 CIVIC CENTER PLZ
City,State,Zip: POUGHKEEPSIE, NY 12601

NY MANIFEST:
Name: MID HUDSON CIVIC CENTER
Address: 14 CIVIC CENTER PLZ
City,State,Zip: POUGHKEEPSIE, NY 12601
Country: USA
EPA ID: NYR000104265
Facility Status: Not reported
Location Address 1: 14 CIVIC CENTER PLAZA
Code: BP

MID-HUDSON CIVIC CENTER INC (Continued) **1005417300**

Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE
Location State:	NY
Location Zip:	12601
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000104265
Mailing Name:	MID HUDSON CIVIC CENTER
Mailing Contact:	LARRY MARCHIONY
Mailing Address 1:	14 CIVIC CENTER PLAZA
Mailing Address 2:	Not reported
Mailing City:	POUGHKEEPSIE
Mailing State:	NY
Mailing Zip:	12601
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	5169247873

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NYD986908085
Trans2 State ID:	NYD986908085
Generator Ship Date:	06/08/2007
Trans1 Recv Date:	06/08/2007
Trans2 Recv Date:	06/12/2007
TSD Site Recv Date:	06/13/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104265
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD002593887
TSDF ID 2:	Not reported
Manifest Tracking Number:	003000064JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	110

MID-HUDSON CIVIC CENTER INC (Continued) **1005417300**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	3
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D002
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K47 **COURTHOUSE ANNEX** **NY LTANKS S104950883**
ESE **235 MAIN ST** **NY Spills N/A**
1/8-1/4 **POUGHKEEPSIE, NY**
0.191 mi.
1008 ft. **Site 2 of 6 in cluster K**

Relative: **Higher**

Actual: **169 ft.**

LTANKS:

Name:	POK. FINANCIAL PLAZA
Address:	235 MAIN ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0011737 / 2001-05-01
Facility ID:	0011737
Site ID:	291978
Spill Date:	2000-10-09
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	1446
Investigator:	vpmccabe
Referred To:	Not reported
Reported to Dept:	2001-01-31
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-01-31
Spill Record Last Update:	2004-08-11
Spiller Name:	BRUNO BATTISTOLI
Spiller Company:	Not reported
Spiller Address:	235 MAIN ST
Spiller County:	001
Spiller Contact:	BRUNO BATTISTOLI
Spiller Phone:	(914) 334-9898
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	236399
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE/BENDELL 1/31/2001 RDB SPOKE TO MIKE HATCH @ TANK TIGHT. SPILL OCCURRED 10/9/00 BUT WAS NEVER CALLED IN. CONTAMINATION FOUND. TANK TIGHT CALLED IN TODAY & D. BENDELL INSTRUCTED THEM TO RESUBMIT

COURTHOUSE ANNEX (Continued) **S104950883**

CORRECTED CLOSURE REPORT. 05/01/2001 LETTER SENT TO POUGHKEEPSIE FINANCIAL BY W.W.; BASED ON SUBMITTAL OF 3/7/01, NO FURTHER ACTION IS REQUIRED AT THIS TIME. SPILL NUMBER CLOSED. This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 01/31/01, 'Phone' = 1/24/2001, 'Site Insp' = 6/30/2000. "

Remarks: "samples were taken and found to be contaminted soil"

All Materials:

Site ID:	291978
Operable Unit ID:	833117
Operable Unit:	01
Material ID:	542036
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	COURTHOUSE ANNEX
Address:	235 MAIN ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9604976 / 1996-07-29
Facility ID:	9604976
Facility Type:	ER
DER Facility ID:	236399
Site ID:	291979
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	1446
Spill Date:	1996-07-17
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	1996-07-17
CID:	270
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	1996-07-29
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-07-17
Spill Record Last Update:	1996-09-09
Spiller Name:	JOE
Spiller Company:	COURTHOUSE ANNEX
Spiller Address:	235 MAIN ST
Spiller Company:	001
Contact Name:	JOE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was

COURTHOUSE ANNEX (Continued) **S104950883**

MCCABE 07/29/96 TOP OF TANK DUG UP; SOME CONTAMINATED SOIL IN PILE; WILL BE TAKEN AWAY; DIRT CAME FROM OVERFILLS; WORK DONE BY IRA CONKIN "

Remarks: "noticed contaminated soil when tank was uncovered for testing"

All Materials:

Site ID:	291979
Operable Unit ID:	1032541
Operable Unit:	01
Material ID:	347732
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K48 **GSA** **NY UST** **U003749743**
ESE **235 MAIN STREET** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12602**
0.191 mi.
1008 ft. **Site 3 of 6 in cluster K**

Relative: **Higher**

Actual: **169 ft.**

UST:

Name:	GSA
Address:	235 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY 12602
Id/Status:	3-601437 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	3
Expiration Date:	N/A
UTM X:	589100.54680
UTM Y:	4617495.63143
Site Type:	Other

Affiliation Records:

Site Id:	34545
Affiliation Type:	Facility Owner
Company Name:	POUGHKEEPSIE FINANCIAL PLAZA
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	PO BOX 151
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12602
Country Code:	001
Phone:	(914) 334-9898
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	34545
Affiliation Type:	Mail Contact

GSA (Continued) **U003749743**

Company Name:	TANKTITE, INC.
Contact Type:	Not reported
Contact Name:	STEPHANIE MUNSON
Address1:	1551 GREENWOOD LAKE TPKE.
Address2:	Not reported
City:	HEWITT
State:	NJ
Zip Code:	07421
Country Code:	001
Phone:	(973) 728-8855
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	34545
Affiliation Type:	Facility Operator
Company Name:	GSA
Contact Type:	Not reported
Contact Name:	BRUNO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 334-9898
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	34545
Affiliation Type:	Emergency Contact
Company Name:	POUGHKEEPSIE FINANCIAL PLAZA
Contact Type:	Not reported
Contact Name:	S. MUNSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(973) 728-8855
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank ID:	82373
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	5000
Install Date:	01/01/1977

GSA (Continued) **U003749743**

Date Tank Closed:	07/25/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D10 - Pipe Type - Copper
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

49
West
1/8-1/4
0.201 mi.
1059 ft.

NYSDOT BIN 1005301 & 1005302
RTE 9 OVER MAIN ST
POUGHKEEPSIE, NY 12603

RCRA NonGen / NLR **1000790684**
NY MANIFEST **NYD987021706**

Relative:
Lower

Actual:
36 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	NYSDOT BIN 1005301 & 1005302
Handler Address:	RTE 9 OVER MAIN ST
Handler City,State,Zip:	POUGHKEEPSIE, NY 12603
EPA ID:	NYD987021706
Contact Name:	RICHARD MANNS
Contact Address:	BURNETT BLVD
Contact City,State,Zip:	POUGHKEEPSIE, NY 12603
Contact Telephone:	914-431-5743
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	BURNETT BLVD
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12603
Owner Name:	NYSDOT
Owner Type:	State
Operator Name:	NYSDOT

NYSDOT BIN 1005301 & 1005302 (Continued) **1000790684**

Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

NYSDOT BIN 1005301 & 1005302 (Continued) **1000790684**

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NYSDOT BIN 1005301 & 1005302
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

NYSDOT BIN 1005301 & 1005302 (Continued) **1000790684**

Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYSDOT BIN 1005301 & 1005302
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19921106
Handler Name: NYSDOT BIN 1005301 & 1005302
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: NYSDOT BIN 1005301 & 1005302
Address: RTE 9 OVER MAIN ST
City,State,Zip: POUGHKEEPSIE, NY 12603
Country: USA
EPA ID: NYD987021706
Facility Status: Not reported
Location Address 1: RTE 9 OVER MAIN ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: POUGHKEEPSIE
Location State: NY
Location Zip: 12603
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD987021706

NYSDOT BIN 1005301 & 1005302 (Continued) **1000790684**

Mailing Name:	NYSDOT BIN 1005301 & 1005302
Mailing Contact:	N/S
Mailing Address 1:	4 BURNETT BLVD
Mailing Address 2:	Not reported
Mailing City:	POUGHKEEPSIE
Mailing State:	NY
Mailing Zip:	12603
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	8455756000

J50 **POUGHKEEPSIE POST OFFICE** **NY AST** **U003397790**
ENE **55 MANSION STREET** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.215 mi.
1137 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
168 ft.

AST:

Name:	POUGHKEEPSIE POST OFFICE
Address:	55 MANSION STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601-9998
Region:	STATE
DEC Region:	3
Site Status:	Unregulated/Closed
Facility Id:	3-600107
Program Type:	PBS
UTM X:	589213.95384
UTM Y:	4617832.76409
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	33817
Affiliation Type:	Facility Operator
Company Name:	POUGHKEEPSIE POST OFFICE
Contact Type:	Not reported
Contact Name:	STATION MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 452-5297
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2013-03-26

Site Id:	33817
Affiliation Type:	Emergency Contact
Company Name:	U.S. POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	JAMES E. NAGY, CPEA.REM
Address1:	Not reported
Address2:	Not reported
City:	Not reported

POUGHKEEPSIE POST OFFICE (Continued) **U003397790**

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 971-1334
EMail: Not reported
Fax Number: Not reported
Modified By: BHYUKOWE
Date Last Modified: 2013-03-26

Site Id: 33817
Affiliation Type: Facility Owner
Company Name: U.S. POSTAL SERVICE
Contact Type: ENV. COMPLIANCE & RISK MITIGATION SPECIALIST
Contact Name: JAMES E. NAGY
Address1: 55 MANSION STREET
Address2: Not reported
City: POUGHKEEPSIE
State: NY
Zip Code: 12601-9998
Country Code: 001
Phone: (845) 452-5297
EMail: Not reported
Fax Number: Not reported
Modified By: BHYUKOWE
Date Last Modified: 2013-03-26

Site Id: 33817
Affiliation Type: Mail Contact
Company Name: U.S. POSTAL SERVICE
Contact Type: Not reported
Contact Name: POSTMASTER
Address1: 55 MANSION STREET
Address2: Not reported
City: POUGHKEEPSIE
State: NY
Zip Code: 12601-9998
Country Code: 001
Phone: (845) 452-5297
EMail: Not reported
Fax Number: Not reported
Modified By: BHYUKOWE
Date Last Modified: 2013-03-26

Tank Info:

Tank Number: MPO-1
Tank Id: 77067
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping

POUGHKEEPSIE POST OFFICE (Continued) **U003397790**

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/18/2010
Register:	True
Modified By:	BHYUKOWE
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

51
NNW
1/8-1/4
0.216 mi.
1139 ft.

OUR LADY OF MT. CARMEL SCHOOL **NY AST** **A100348636**
15 MOUNT CARMEL PLACE **N/A**
POUGHKEEPSIE, NY 12601

Relative:
Lower

Actual:
104 ft.

AST:

Name:	OUR LADY OF MT. CARMEL SCHOOL
Address:	15 MOUNT CARMEL PLACE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Region:	STATE
DEC Region:	3
Site Status:	Unregulated/Closed
Facility Id:	3-600109
Program Type:	PBS
UTM X:	588553.88440
UTM Y:	4618009.42033
Expiration Date:	N/A
Site Type:	School

Affiliation Records:

Site Id:	33818
Affiliation Type:	Mail Contact
Company Name:	MR. KEVIN MARTIN
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	OUR LADY OF MOUNT CARMEL PARISH
Address2:	11 MOUNT CARMEL PLACE
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(845) 454-0340
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2010-01-04

OUR LADY OF MT. CARMEL SCHOOL (Continued) **A100348636**

Site Id:	33818
Affiliation Type:	Facility Operator
Company Name:	OUR LADY OF MT. CARMEL SCHOOL
Contact Type:	Not reported
Contact Name:	MR. KEVIN MARTIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 454-0340
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2010-01-04

Site Id:	33818
Affiliation Type:	Emergency Contact
Company Name:	OUR LADY OF MT. CARMEL PARISH
Contact Type:	Not reported
Contact Name:	MR. KEVIN MARTIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(845) 454-0340
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2010-01-04

Site Id:	33818
Affiliation Type:	Facility Owner
Company Name:	OUR LADY OF MT. CARMEL PARISH
Contact Type:	PASTOR
Contact Name:	REV. PETER KIHM
Address1:	11 MOUNT CARMEL PLACE
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12601
Country Code:	001
Phone:	(845) 454-0340
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2010-01-04

Tank Info:

Tank Number:	SCHOOL
Tank Id:	77068
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

OUR LADY OF MT. CARMEL SCHOOL (Continued) **A100348636**

Equipment Records:

	B99 - Tank External Protection - Other
	D00 - Pipe Type - No Piping
	G01 - Tank Secondary Containment - Diking (Aboveground)
	A00 - Tank Internal Protection - None
	I00 - Overfill - None
	H00 - Tank Leak Detection - None
	C03 - Pipe Location - Aboveground/Underground Combination
	F00 - Pipe External Protection - None
Tank Location:	Partially buried tank (tank with 10% or more below ground).... Tank is less than 90% above grade, partially buried.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2500
Tightness Test Method:	03
Date Test:	12/01/1992
Next Test Date:	Not reported
Date Tank Closed:	01/15/2010
Register:	True
Modified By:	BHYUKOWE
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

K52 **COUNTY OF DUTCHESS** **NY LTANKS** **S102155635**
SE **22 MARKET STREET** **NY Spills** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601** **NY SPDES**
0.216 mi.
1143 ft. **Site 4 of 6 in cluster K**

Relative: **Higher**

Actual: **173 ft.**

LTANKS:

Name:	DUTCHESS CTY. OFFICE BLDG
Address:	22 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9011974 / 1991-02-15
Facility ID:	9011974
Site ID:	143426
Spill Date:	1991-02-13
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1991-02-15
SWIS:	1446
Investigator:	dxtraver
Referred To:	Not reported
Reported to Dept:	1991-02-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Health Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-02-20
Spill Record Last Update:	1991-03-15

COUNTY OF DUTCHESS (Continued) **S102155635**

Spiller Name:	Not reported
Spiller Company:	SEARS OIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	122333
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TRAVER "
Remarks:	"DUTCHESS CO. AND SPILLER CLEANED UP. CONTAINED IN BASEMENT. NFA"

All Materials:

Site ID:	143426
Operable Unit ID:	951894
Operable Unit:	01
Material ID:	428485
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	COUNTY OFFICE BUILDING
Address:	22 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0312989 / 2004-04-09
Facility ID:	0312989
Facility Type:	ER
DER Facility ID:	122333
Site ID:	209488
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1446
Spill Date:	2003-08-25
Investigator:	PBS
Referred To:	Not reported
Reported to Dept:	2004-02-25
CID:	406
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-02-25
Spill Record Last Update:	2004-08-11

COUNTY OF DUTCHESS (Continued) **S102155635**

Spiller Name:	KEN MONAHAN
Spiller Company:	DUTCHESS CO. OFFICE BUILD
Spiller Address:	22 MARKET ST.
Spiller Company:	001
Contact Name:	KEN MONAHAN
DEC Memo:	""
Remarks:	"Removing an underground tank this one had a piping leak. Soil sample was contaminated. This tank has had two other spills #9506821 and #9011974. Tank has since been replaced. Nothing has been done about the soil contam."

All Materials:

Site ID:	209488
Operable Unit ID:	880180
Operable Unit:	01
Material ID:	498160
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	SPILL NUMBER 9506821
Address:	22 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9506821 / 1995-10-12
Facility ID:	9506821
Facility Type:	ER
DER Facility ID:	122333
Site ID:	140662
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	D5
SWIS:	1446
Spill Date:	1995-04-01
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1995-09-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	1995-10-12
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1948-12-27
Spill Record Last Update:	2004-02-20
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001

COUNTY OF DUTCHESS (Continued) **S102155635**

Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was 02/20/04 SPILL FILE CORRUPTED ON COMPUTER DATABASE. NO HARD COPY OF THE FILE EXISTS IN REGION 3 OFFICE. jbo"
Remarks: ""

All Materials:
Site ID: 140662
Operable Unit ID: 1017569
Operable Unit: 01
Material ID: 364778
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

SPDES:

Name: COUNTY OF DUTCHESS
Address: 22 MARKET STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Permit Number: NYR20A386
State-Region: 3
Expiration Date: Not reported
Current Major Minor Status: Not reported
Primary Facility SIC Code: Not reported
State Water Body Name: Not reported
Limit Set Status Flag: Not reported
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: Not reported
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: Not reported

Non-Gov Permit Affiliation Type Desc: Not reported
Non-Gov Permit Org Formal Name: Not reported
Non-Gov Permit Street Address: Not reported
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Not reported
Non-Gov Facility Org Formal Name: Not reported
Non-Gov Facility Street Address: Not reported
Non-Gov Facility Supplemental Location: Not reported
Non-Gov Facility City: Not reported
Non-Gov Facility State Code: Not reported
Non-Gov Facility Zip Code: Not reported
State Water Body: Not reported

COUNTY OF DUTCHESS (Continued) **S102155635**

Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	MS4
Affiliation Type Description:	Not reported
Name:	MARCUS J MOLINARO
Contacts Title:	COUNTY EXECUTIVE
Contacts Email:	Not reported
NOI Submission Date:	03/27/2003

K53 **DUTCHESS COUNTY COMPLEX** **NY UST U004062572**
SE **22 MARKET STREET** **NY AST N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.216 mi.
1143 ft. **Site 5 of 6 in cluster K**

Relative:
Higher

Actual:
173 ft.

UST:

Name:	DUTCHESS COUNTY COMPLEX
Address:	22 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Id/Status:	3-600871 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	3
Expiration Date:	01/16/2026
UTM X:	589054.42863
UTM Y:	4617503.71926
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	34167
Affiliation Type:	Emergency Contact
Company Name:	DUTCHESS COUNTY DPW
Contact Type:	Not reported
Contact Name:	RADIO DISPATCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(845) 486-2900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	FJKELLY
Date Last Modified:	2013-11-08

Site Id:	34167
Affiliation Type:	Facility Operator
Company Name:	DUTCHESS COUNTY COMPLEX
Contact Type:	Not reported
Contact Name:	JOHN J SCANDURRA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 486-2121
EMail:	Not reported

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Fax Number:	Not reported
Modified By:	FDBONDI
Date Last Modified:	2018-04-10

Site Id:	34167
Affiliation Type:	Facility Owner
Company Name:	DUTCHESS COUNTY DPW
Contact Type:	COMMISSIONER OF PUBLIC WORKS
Contact Name:	ROBERT BALKIND, PE
Address1:	626 DUTCHESS TURNPIKE
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12603
Country Code:	001
Phone:	(845) 486-2121
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AAVITARI
Date Last Modified:	2019-10-30

Site Id:	34167
Affiliation Type:	Mail Contact
Company Name:	COMMISSIONER OF PUBLIC WORKS
Contact Type:	Not reported
Contact Name:	ROBERT BALKIND, PE
Address1:	DUTCHESS COUNTY DPW
Address2:	626 DUTCHESS TURNPIKE
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12603
Country Code:	001
Phone:	(845) 486-2121
EMail:	RBALKIND@DUTCHESSNY.GOV
Fax Number:	Not reported
Modified By:	CLJOHNSO
Date Last Modified:	2017-03-30

Tank Info:

Tank Number:	1
Tank ID:	79477
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	11/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

Tank Number: 60MI
Tank ID: 81632
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 08/01/1986
Date Tank Closed: 10/23/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BHYUKOWE
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G07 - Tank Secondary Containment - Excavation Liner

Tank Number: 60MIZ
Tank ID: 179927
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 10/23/2003
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: IANEWSON
Last Modified: 06/10/2021

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
F00 - Pipe External Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
J04 - Dispenser - On Site Heating System (Suction)
G04 - Tank Secondary Containment - Double-Walled (Underground)
D11 - Pipe Type - Flexible Piping

Tank Number: CHA 1
Tank ID: 79557
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 09/10/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 20
Date Test: 12/11/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: CHA 2
Tank ID: 178708

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	08/18/2003
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	IANEWSON
Last Modified:	06/10/2021

Equipment Records:

I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
J04 - Dispenser - On Site Heating System (Suction)
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	COB 1
Tank ID:	79562
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	12/01/1964
Date Tank Closed:	08/26/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	20
Date Test:	06/01/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I00 - Overfill - None

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
A01 - Tank Internal Protection - Epoxy Liner
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

Tank Number:	COB 2
Tank ID:	79563
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	07/01/1981
Date Tank Closed:	11/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None

Tank Number:	COB 3
Tank ID:	178702
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	10000
Install Date:	08/26/2003
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Modified By: IANEWSON
Last Modified: 06/10/2021

Equipment Records:

J04 - Dispenser - On Site Heating System (Suction)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
I04 - Overfill - Product Level Gauge (A/G)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: UNKNOWN
Tank ID: 281952
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: 01/01/1940
Date Tank Closed: 11/05/2019
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: IANEWSON
Last Modified: 06/10/2021

Equipment Records:

L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

AST:
Name: DUTCHESS COUNTY COMPLEX
Address: 22 MARKET STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Region: STATE
DEC Region: 3
Site Status: Active
Facility Id: 3-600871

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Program Type:	PBS
UTM X:	589054.42863
UTM Y:	4617503.71926
Expiration Date:	01/16/2026
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	34167
Affiliation Type:	Emergency Contact
Company Name:	DUTCHESS COUNTY DPW
Contact Type:	Not reported
Contact Name:	RADIO DISPATCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(845) 486-2900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	FJKELLY
Date Last Modified:	2013-11-08

Site Id:	34167
Affiliation Type:	Facility Operator
Company Name:	DUTCHESS COUNTY COMPLEX
Contact Type:	Not reported
Contact Name:	JOHN J SCANDURRA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 486-2121
EMail:	Not reported
Fax Number:	Not reported
Modified By:	FDBONDI
Date Last Modified:	2018-04-10

Site Id:	34167
Affiliation Type:	Facility Owner
Company Name:	DUTCHESS COUNTY DPW
Contact Type:	COMMISSIONER OF PUBLIC WORKS
Contact Name:	ROBERT BALKIND, PE
Address1:	626 DUTCHESS TURNPIKE
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12603
Country Code:	001
Phone:	(845) 486-2121
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AAVITARI
Date Last Modified:	2019-10-30

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Site Id:	34167
Affiliation Type:	Mail Contact
Company Name:	COMMISSIONER OF PUBLIC WORKS
Contact Type:	Not reported
Contact Name:	ROBERT BALKIND, PE
Address1:	DUTCHESS COUNTY DPW
Address2:	626 DUTCHESS TURNPIKE
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12603
Country Code:	001
Phone:	(845) 486-2121
EMail:	RBALKIND@DUTCHESSNY.GOV
Fax Number:	Not reported
Modified By:	CLJOHNSO
Date Last Modified:	2017-03-30

Tank Info:

Tank Number:	10-22MKGEN
Tank Id:	290123

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
I02 - Overfill - High Level Alarm
E00 - Piping Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G12 - Tank Secondary Containment - Double-Walled (AG only)
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/11/2019
Capacity Gallons:	1500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	IANEWSON
Last Modified:	06/10/2021
Material Name:	Diesel (E-Gen)

Tank Number:	228M 1
Tank Id:	79564
Material Code:	0001

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J04 - Dispenser - On Site Heating System (Suction)
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 09/20/2003
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/23/2015
Register: True
Modified By: BHYUKOWE
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 228M 2
Tank Id: 79565
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J04 - Dispenser - On Site Heating System (Suction)
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 09/20/2003

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Capacity Gallons:	0
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/05/2016
Register:	True
Modified By:	BHYUKOWE
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	50MEMGEN
Tank Id:	251935

Equipment Records:

L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
E00 - Piping Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
B05 - Tank External Protection - Jacketed

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/01/1996
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	IANEWSON
Last Modified:	06/10/2021
Material Name:	diesel

Tank Number:	60MKGEN
Tank Id:	290124

Equipment Records:

L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I02 - Overfill - High Level Alarm
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
G10 - Tank Secondary Containment - Impervious Underlayment

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G12 - Tank Secondary Containment - Double-Walled (AG only)
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/11/2019
Capacity Gallons:	850
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	IANEWSON
Last Modified:	06/10/2021
Material Name:	Diesel (E-Gen)

Tank Number:	CH1
Tank Id:	79558
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1989
Capacity Gallons:	150
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	IANEWSON
Last Modified:	06/10/2021
Material Name:	diesel

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Tank Number: CH2
Tank Id: 79559
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G01 - Tank Secondary Containment - Diking (Aboveground)
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 09/15/2003
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 08/22/2014
Register: True
Modified By: BHYUKOWE
Last Modified: 04/14/2017
Material Name: #4 fuel oil (on-site consumption)

Tank Number: CH3A
Tank Id: 79560
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J04 - Dispenser - On Site Heating System (Suction)
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Tank Status: In Service
Pipe Model: Not reported
Install Date: 09/16/2003
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: IANEWSON
Last Modified: 06/10/2021
Material Name: #2 fuel oil (on-site consumption)

Tank Number: CH3B
Tank Id: 79561
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J04 - Dispenser - On Site Heating System (Suction)
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 09/01/2003
Capacity Gallons: 0
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: IANEWSON
Last Modified: 06/10/2021
Material Name: #2 fuel oil (on-site consumption)

Tank Number: CJB1
Tank Id: 261729

Equipment Records:

J04 - Dispenser - On Site Heating System (Suction)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I03 - Overfill - Automatic Shut-Off
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/05/2016
Capacity Gallons: 660
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: IANEWSON
Last Modified: 06/10/2021
Material Name: #2 fuel oil (on-site consumption)

Tank Number: CJB2
Tank Id: 261730

Equipment Records:

J04 - Dispenser - On Site Heating System (Suction)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/05/2016
Capacity Gallons: 0
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: IANEWSON
Last Modified: 06/10/2021
Material Name: #2 fuel oil (on-site consumption)

DUTCHESS COUNTY COMPLEX (Continued) **U004062572**

Tank Number: COBFP60
Tank Id: 251934

Equipment Records:

H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
C01 - Pipe Location - Aboveground

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/01/2012
Capacity Gallons: 125
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: IANEWSON
Last Modified: 06/10/2021
Material Name: diesel

K54 **D.C.DEPT.OF SOC.SER.** **NY LTANKS** **S103940781**
SE **16 MARKET ST** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY**
0.225 mi.
1189 ft. **Site 6 of 6 in cluster K**

Relative: **Higher**
Actual: **173 ft.**

LTANKS:
Name: D.C.DEPT.OF SOC.SER.
Address: 16 MARKET ST
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 9900170 / 1999-04-14
Facility ID: 9900170
Site ID: 85829
Spill Date: 1999-04-05
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 1446
Investigator: VPMCCABE
Referred To: Not reported
Reported to Dept: 1999-04-05
CID: 281
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported

D.C.DEPT.OF SOC.SER. (Continued) **S103940781**

Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-05
Spill Record Last Update:	2004-08-11
Spiller Name:	JOE CAREY
Spiller Company:	DUTCHESS CO DPW
Spiller Address:	22 MARKET ST
Spiller County:	001
Spiller Contact:	JOE CAREY
Spiller Phone:	(914) 486-2121
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	78791
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE 4/10/99 SYSTEM RESTESTED AND PASSED AFTER LINES REPLACED. NFA This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 04/05/99, 'Phone' = 4/14/1999, 'Site Insp' = N/A. "
Remarks:	"TANK TEST FAILURE AT ABOVE LOCATION. DUTCHESS CO ADVISED OF RESULTS. TANK TO BE UNCOVERED,ISOLATED AND RETESTED ON 4/10/99. NO CALL BACK REQUESTED."

All TTF:

Facility ID:	Not reported
Spill Number:	9900170
Spill Tank Test:	1547039
Site ID:	85829
Tank Number:	PP2
Tank Size:	10000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	-.09
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	85829
Operable Unit ID:	1075028
Operable Unit:	01
Material ID:	307313
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

55
SW
1/8-1/4
0.231 mi.
1221 ft.

NYSDOT BIN 1005290
RTE 44 OVER RTE 9
POUGHKEEPSIE, NY 12601

RCRA NonGen / NLR

1000693721
NYD986998391

Relative:
Lower

Actual:
81 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	NYSDOT BIN 1005290	
Handler Address:		RTE 44 OVER RTE 9
Handler City,State,Zip:		POUGHKEEPSIE, NY 12601
EPA ID:		NYD986998391
Contact Name:		RICHARD MANNS
Contact Address:		BURNETT BLVD
Contact City,State,Zip:		POUGHKEEPSIE, NY 12603
Contact Telephone:		914-431-5743
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		State
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R3
Mailing Address:		BURNETT BLVD
Mailing City,State,Zip:		POUGHKEEPSIE, NY 12603
Owner Name:		NYSDOT
Owner Type:		State
Operator Name:		NYSDOT
Operator Type:		State
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

NYSDOT BIN 1005290 (Continued) **1000693721**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYSDOT
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NYSDOT
Legal Status:	State
Date Became Current:	Not reported

NYSDOT BIN 1005290 (Continued) **1000693721**

Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYSDOT
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name: NYSDOT BIN 1005290	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20070101
Handler Name: NYSDOT BIN 1005290	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19920413
Handler Name: NYSDOT BIN 1005290	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

NYSDOT BIN 1005290 (Continued) **1000693721**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M56 **MOBIL** **NY LTANKS** **U003080377**
ENE **55 WASHINGTON STREET** **NY UST** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601** **NY AST**
0.237 mi. **NY Spills**
1249 ft. **Site 1 of 2 in cluster M**

Relative: **Higher**
Actual: **175 ft.**

LTANKS:

Name:	MOBIL S/S 06-D33
Address:	55 WASHINGTON STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9213330 / 1993-04-12
Facility ID:	9213330
Site ID:	117252
Spill Date:	1993-03-02
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	1993-04-12
SWIS:	1446
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1992-03-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-03-03
Spill Record Last Update:	1993-05-10
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	102006
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material

MOBIL (Continued) **U003080377**

spilled from the translation of the old spill file: TANK TEST."
Remarks: "WILL REPAIR IN MORNING NO CALL BACK THERE WAS NO LEAK RATE"

All TTF:
Facility ID: Not reported
Spill Number: 9213330
Spill Tank Test: 1541226
Site ID: 117252
Tank Number: Not reported
Tank Size: 0
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 117252
Operable Unit ID: 980506
Operable Unit: 01
Material ID: 403126
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

UST:
Name: MOBIL
Address: 55 WASHINGTON STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Id/Status: 3-047945 / Active
Program Type: PBS
Region: STATE
DEC Region: 3
Expiration Date: 09/23/2021
UTM X: 589150.73096
UTM Y: 4617846.63081
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 31745
Affiliation Type: Mail Contact
Company Name: CPD NY ENERGY CORP.
Contact Type: Not reported
Contact Name: COMPLIANCE DEPARTMENT
Address1: 536 MAIN STREET

MOBIL (Continued) **U003080377**

Address2:	Not reported
City:	NEW PALTZ
State:	NY
Zip Code:	12561
Country Code:	001
Phone:	(845) 256-0162
EMail:	COMPLIANCE@CPDGROUP.COM
Fax Number:	Not reported
Modified By:	JMWALLAC
Date Last Modified:	2021-12-09

Site Id:	31745
Affiliation Type:	Facility Owner
Company Name:	GTY NY LEASING, INC.
Contact Type:	ENV. COMPLIANCE MANAGER
Contact Name:	JOE MCCORMICK
Address1:	TWO JERICHO TPKE.
Address2:	Not reported
City:	JERICHO
State:	NY
Zip Code:	11753
Country Code:	001
Phone:	(516) 478-5451
EMail:	Not reported
Fax Number:	Not reported
Modified By:	IANEWSON
Date Last Modified:	2020-10-21

Site Id:	31745
Affiliation Type:	Emergency Contact
Company Name:	GTY NY LEASING, INC.
Contact Type:	Not reported
Contact Name:	COMPLIANCE DEPARTMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(845) 256-5020
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2016-08-22

Site Id:	31745
Affiliation Type:	Facility Operator
Company Name:	MOBIL
Contact Type:	Not reported
Contact Name:	CPD NY ENERGY GROUP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 473-9388

MOBIL (Continued) **U003080377**

EMail: Not reported
Fax Number: Not reported
Modified By: IANEWSON
Date Last Modified: 2020-10-21

Tank Info:

Tank Number: 1
Tank ID: 69505
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 550
Install Date: 12/01/1984
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 09/20/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BHYUKOWE
Last Modified: 02/01/2018

Equipment Records:

F00 - Pipe External Protection - None
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
D11 - Pipe Type - Flexible Piping

Tank Number: 2
Tank ID: 69506
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 12/01/1980
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 04/08/2008

MOBIL (Continued) **U003080377**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: IANEWSON
Last Modified: 10/21/2020

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H05 - Tank Leak Detection - In-Tank System (ATG)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
F00 - Pipe External Protection - None
L99 - Piping Leak Detection - Other
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 3
Tank ID: 69507
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 8000
Install Date: 12/01/1980
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 04/08/2008
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: IANEWSON
Last Modified: 10/21/2020

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)
E04 - Piping Secondary Containment - Double walled UG
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
L99 - Piping Leak Detection - Other

Tank Number: 4

MOBIL (Continued) **U003080377**

Tank ID:	69508
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	6000
Install Date:	12/01/1980
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	04/08/2008
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	IANEWSON
Last Modified:	10/21/2020

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
L99 - Piping Leak Detection - Other
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

AST:

Name:	MOBIL
Address:	55 WASHINGTON STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Region:	STATE
DEC Region:	3
Site Status:	Active
Facility Id:	3-047945
Program Type:	PBS
UTM X:	589150.73096
UTM Y:	4617846.63081
Expiration Date:	09/23/2021
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	31745
Affiliation Type:	Mail Contact
Company Name:	CPD NY ENERGY CORP.
Contact Type:	Not reported
Contact Name:	COMPLIANCE DEPARTMENT
Address1:	536 MAIN STREET
Address2:	Not reported
City:	NEW PALTZ
State:	NY

MOBIL (Continued) **U003080377**

Zip Code:	12561
Country Code:	001
Phone:	(845) 256-0162
EMail:	COMPLIANCE@CPDGROUP.COM
Fax Number:	Not reported
Modified By:	JMWALLAC
Date Last Modified:	2021-12-09

Site Id:	31745
Affiliation Type:	Facility Owner
Company Name:	GTY NY LEASING, INC.
Contact Type:	ENV. COMPLIANCE MANAGER
Contact Name:	JOE MCCORMICK
Address1:	TWO JERICHO TPKE.
Address2:	Not reported
City:	JERICHO
State:	NY
Zip Code:	11753
Country Code:	001
Phone:	(516) 478-5451
EMail:	Not reported
Fax Number:	Not reported
Modified By:	IANEWSON
Date Last Modified:	2020-10-21

Site Id:	31745
Affiliation Type:	Emergency Contact
Company Name:	GTY NY LEASING, INC.
Contact Type:	Not reported
Contact Name:	COMPLIANCE DEPARTMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(845) 256-5020
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2016-08-22

Site Id:	31745
Affiliation Type:	Facility Operator
Company Name:	MOBIL
Contact Type:	Not reported
Contact Name:	CPD NY ENERGY GROUP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(845) 473-9388
EMail:	Not reported
Fax Number:	Not reported
Modified By:	IANEWSON

MOBIL (Continued) **U003080377**

Date Last Modified: 2020-10-21

Tank Info:

Tank Number: 5
Tank Id: 79610
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/1992
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/01/1995
Register: True
Modified By: RDBENDEL
Last Modified: 04/14/2017
Material Name: waste oil/used oil

SPILLS:
Name: MOBIL S/S
Address: 55 WASHINGTON STREET
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 9311911 / 1994-01-12
Facility ID: 9311911
Facility Type: ER
DER Facility ID: 102006
Site ID: 62387
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: D3
SWIS: 1446
Spill Date: 1994-01-09
Investigator: VPMCCABE
Referred To: Not reported
Reported to Dept: 1994-01-09
CID: Not reported
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Responsible Party

MOBIL (Continued) **U003080377**

Cleanup Ceased:	1994-01-12
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	Not reported
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"DEFECTIVE PUMP POUGHKEEPSIE FD ON SCENE PUMP WILL BE REPAIRED PUMP HAS BEEN SHUT DOWN UNTIL REPAIRED"

All Materials:

Site ID:	62387
Operable Unit ID:	990525
Operable Unit:	01
Material ID:	390921
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	MOBIL S/S
Address:	55 WASHINGTON STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0004502 / 2000-08-16
Facility ID:	0004502
Facility Type:	ER
DER Facility ID:	102006
Site ID:	72538
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	1446
Spill Date:	2000-07-14
Investigator:	mbmastro
Referred To:	Not reported
Reported to Dept:	2000-07-14
CID:	312
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0

MOBIL (Continued) **U003080377**

Date Entered In Computer:	2000-07-14
Spill Record Last Update:	2004-08-11
Spiller Name:	AZIZ EDIB
Spiller Company:	MOBIL CORP.
Spiller Address:	55 WASHINGTON ST
Spiller Company:	001
Contact Name:	AZIZ EDIB
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MASTRO/MCCABE 07/14/00 LEFT MESSAGE WITH CALLER REQUESTING CALL BACK. SPOKE WITH CASHIER AT STATION. REPORTED THAT SPILL IS LESS THAN ONE GALLON. REPAIR/CLEANUP CREWS WILL ARRIVE WITHIN 4 HOURS. 08/16/00 ID. CONKLIN COMPLETED REPAIRS. V. MCCABE SITE INSPECTION. NFA This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 07/14/00, 'Phone' = - -, 'Site Insp' = 8/16/2000. "
Remarks:	"DISPENSOR IS LEAKING - VERY MINIMAL - PLACED OUT OF SERVICE - REPAIR CREW ON WAY"

All Materials:

Site ID:	72538
Operable Unit ID:	825702
Operable Unit:	01
Material ID:	549239
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	MOBIL
Address:	55 WASHINGTON STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Spill Number/Closed Date:	1011677 / 2016-02-23
Facility ID:	1011677
Facility Type:	ER
DER Facility ID:	31611
Site ID:	445563
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1413
Spill Date:	2011-02-22
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2011-02-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0

MOBIL (Continued) **U003080377**

Date Entered In Computer:	2011-02-22
Spill Record Last Update:	2016-02-23
Spiller Name:	POUGHKEEPSIE
Spiller Company:	CHESTNUT PETROLEUM
Spiller Address:	55 WASHINGTON ST.
Spiller Company:	999
Contact Name:	SCOTT PARKER
DEC Memo:	"2-22-11: Inspected facility today and encountered the following: *Wet staining and what looks like an active leak under dispenser 7/8. Pea gravel is wet with product and there are some drips on piping above stained areas. Leak appears to be a slow leak from component(s) above the shear valves. *Pea gravel in dispenser 1/2 is stained and smells of product. *When opened sump lids for tanks 2 (regular) and 3 (super), there was an initial odor of gasoline. Soil in both sumps exhibited an odor of gasoline. More pronounced in sump for tank 3. *Unexplained/uninvestigated exceedences in inventory for tank 2 on 1/19/11 (-255 gal) and 1/29/11 (-262 gal). jc 3/01/12 Emailing Chazen, Emily Pereira, regarding work needed to close this spill. Impacted gravel and soils need to be removed and post ex samples collected....mm 2-22-16 Check in with MM RDB 2/22/16 Based on the information contained in the 6/14/11 Subsurface Investigation report prepared by Chazen, no further action is required, case is closed. (Report was either never received or lost back in 2011 and was resubmitted this month by J McCormick, CPD)...mm"
Remarks:	"See DEC remarks"

All Materials:

Site ID:	445563
Operable Unit ID:	1195947
Operable Unit:	01
Material ID:	2192068
Material Code:	2712
Material Name:	gasoline/ethanol
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	MOBIL S/S
Address:	55 WASHINGTON STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9111135 / 1992-01-28
Facility ID:	9111135
Facility Type:	ER
DER Facility ID:	102006
Site ID:	117251
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1446
Spill Date:	1992-01-28
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1992-01-28
CID:	Not reported

MOBIL (Continued) **U003080377**

Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	1953-06-18
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1992-01-30
Spill Record Last Update:	1992-05-12
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH "
Remarks:	"SLOW FLOW ON DISPENSER PUMP INDICATING A POSSIBLE LEAK FURTHER INVESTIGATION UNDERWAY"

All Materials:

Site ID:	117251
Operable Unit ID:	961262
Operable Unit:	01
Material ID:	416193
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	EXXON S/S # 11410
Address:	55 WASHINGTON ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0911501 / 2010-05-17
Facility ID:	0911501
Facility Type:	ER
DER Facility ID:	374368
Site ID:	424311
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	1413
Spill Date:	2010-01-26
Investigator:	JKOMARA
Referred To:	Not reported
Reported to Dept:	2010-01-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

MOBIL (Continued) **U003080377**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-01-26
Spill Record Last Update:	2010-05-17
Spiller Name:	Not reported
Spiller Company:	ExxonMobil
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	JOHN WELCH
DEC Memo:	"1/26/10: CDM is conducting a phase II investigation of the site which includes collecting soil and groundwater samples. This spill was called in for the soil sample results. Within two weeks groundwater data will be received and will be associated with this spill number. KAB 5-17-10: V.Mc.& J.O'M.: Dup. reports, this report : NFA, ref. to 090-9188."
Remarks:	"tests confirm contaminated soil"

All Materials:

Site ID:	424311
Operable Unit ID:	1180096
Operable Unit:	01
Material ID:	2173948
Material Code:	1247A
Material Name:	metals
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	MOBIL STATION # 11410
Address:	55 WASHINGTON ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0909188 / 2010-07-01
Facility ID:	0909188
Facility Type:	ER
DER Facility ID:	370813
Site ID:	421865
DEC Region:	3
Spill Cause:	Other
Spill Class:	D4
SWIS:	1413
Spill Date:	2009-11-16
Investigator:	JKOMARA
Referred To:	Not reported
Reported to Dept:	2009-11-16
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

MOBIL (Continued) **U003080377**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-11-16
Spill Record Last Update:	2010-07-01
Spiller Name:	TOROS MAKSOUDIAN
Spiller Company:	EXXON MOBIL
Spiller Address:	55 WASHINGTON ST
Spiller Company:	999
Contact Name:	TOROS MAKSOUDIAN
DEC Memo:	"11/17/09: As part of a site investigation contaminated soil was discovered in a headspace sample. Monitoring wells will be installed. KAB 7/1/10 Based on GES report NFA and refer for Metals JO'M"
Remarks:	"Possible spill - petroleum product noticed in soil samples, waiting for laboratory confirmation."

All Materials:

Site ID:	421865
Operable Unit ID:	1177739
Operable Unit:	01
Material ID:	2170559
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

M57 **MOBIL OIL CORP SS #D33** **RCRA NonGen / NLR** **1004758657**
ENE **55 WASHINGTON ST** **NY MANIFEST** **NYD987014776**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.237 mi.
1249 ft. **Site 2 of 2 in cluster M**

Relative: Higher
Actual: 175 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20110706
Handler Name:	MOBIL OIL CORP SS #D33	
Handler Address:		55 WASHINGTON ST
Handler City,State,Zip:		POUGHKEEPSIE, NY 12601
EPA ID:		NYD987014776
Contact Name:		DONNA HYMES
Contact Address:		E WASHINGTON ST
Contact City,State,Zip:		WEST CHESTER, PA 19380
Contact Telephone:		610-430-8151
Contact Fax:		610-430-8016
Contact Email:		WWW.JD2ENV.COM
Contact Title:		EXXON/MOBIL HAZ WASTE COORDINATOR
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R3

MOBIL OIL CORP SS #D33 (Continued) **1004758657**

Mailing Address:	GALLOWS RD 7W109
Mailing City,State,Zip:	FAIRFAX, NY 22037-0001
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

MOBIL OIL CORP SS #D33 (Continued) **1004758657**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MOBIL OIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3225 GALLOWS RD
Owner/Operator City,State,Zip: FAIRFAX, VA 22037-0001
Owner/Operator Telephone: 703-849-3330
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MOBIL OIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3225 GALLOWS RD
Owner/Operator City,State,Zip: FAIRFAX, VA 22037-0001
Owner/Operator Telephone: 703-849-3330
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: PP
Owner/Operator Name: MOBIL OIL CORP
Legal Status: Private
Date Became Current: 19920921
Date Ended Current: 20110706
Owner/Operator Address: 3225 GALLOWS RD
Owner/Operator City,State,Zip: FAIRFAX, VA 22037-0001
Owner/Operator Telephone: 703-849-3330
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MOBIL OIL CORP
Legal Status: Private

MOBIL OIL CORP SS #D33 (Continued) **1004758657**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3225 GALLOWS RD
Owner/Operator City,State,Zip:	FAIRFAX, VA 22037-0001
Owner/Operator Telephone:	703-849-3330
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name:	MOBIL OIL CORP
Legal Status:	Private
Date Became Current:	19920921
Date Ended Current:	20110706
Owner/Operator Address:	3225 GALLOWS RD
Owner/Operator City,State,Zip:	FAIRFAX, VA 22037-0001
Owner/Operator Telephone:	703-849-3330
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name: MOBIL OIL CORP SS #D33	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20070101
Handler Name: MOBIL OIL CORP SS #D33	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20110706
Handler Name: MOBIL OIL CORP SS #D33	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

MOBIL OIL CORP SS #D33 (Continued) **1004758657**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920921
Handler Name: MOBIL OIL CORP SS #D33
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: MOBIL
Address: 55 WASHINGTON ST
City,State,Zip: POUGHKEEPSIE, NY 12601
Country: USA
EPA ID: NYD987014776
Facility Status: Not reported
Location Address 1: 55 WASHINGTONST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: POUGHKEEPSIE
Location State: NY
Location Zip: 12601
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD987014776
Mailing Name: MOBIL
Mailing Contact: ORLAN HURTT
Mailing Address 1: 55 WASHINGTON ST
Mailing Address 2: Not reported
Mailing City: POUGHKEEPSIE
Mailing State: NY
Mailing Zip: 12601
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9144521002

N58 **G. F. REFUSE T.S.** **NY SWF/LF** **S101649674**
ESE **240 MAIN STREET** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 0**
0.239 mi.
1264 ft. **Site 1 of 2 in cluster N**

Relative: **Higher**

Actual: **174 ft.**

SWF/LF:

Name:	G. F. REFUSE T.S.
Address:	240 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY 0
Flag:	INACTIVE
Region Code:	3
Phone Number:	Not reported
Owner Name:	K VANCE PARKS
Owner Type:	Municipal
Owner Address:	240 MAIN STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	POUGHKEEPSIE, NY 12601
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[14T04]
Active:	No
East Coordinate:	0
North Coordinate:	0
Accuracy Code:	Not reported
Regulatory Status:	None
Waste Type:	Not reported
Authorization #:	0
Authorization Date:	Not reported
Expiration Date:	1/31/1991
Operator Name:	G. F. REFUSE SERVICE LTD
Operator Type:	Not reported
Laste Date:	Not reported

O59 **33 MARKET STREET (VACANT)** **NY UST** **U004061746**
SE **33 MARKET STREET** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12590**
0.244 mi.
1287 ft. **Site 1 of 3 in cluster O**

Relative: **Higher**

Actual: **172 ft.**

UST:

Name:	33 MARKET STREET (VACANT)
Address:	33 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY 12590
Id/Status:	3-601711 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	3
Expiration Date:	N/A
UTM X:	585992.79128
UTM Y:	4600763.90568
Site Type:	Apartment Building/Office Building

33 MARKET STREET (VACANT) (Continued) **U004061746**

Affiliation Records:

Site Id:	338998
Affiliation Type:	Facility Owner
Company Name:	CENGIZ CENG
Contact Type:	OWNER
Contact Name:	CENGIZ CENG
Address1:	5 HARBOR HILL ROAD
Address2:	Not reported
City:	WAPPINGERS FALLS
State:	NY
Zip Code:	12590
Country Code:	001
Phone:	(845) 462-7302
EMail:	Not reported
Fax Number:	Not reported
Modified By:	rxamato
Date Last Modified:	2008-08-13

Site Id:	338998
Affiliation Type:	Emergency Contact
Company Name:	CENGIZ CENG
Contact Type:	Not reported
Contact Name:	CENGIZ CENG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(914) 475-2188
EMail:	Not reported
Fax Number:	Not reported
Modified By:	rxamato
Date Last Modified:	2008-08-13

Site Id:	338998
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	CENGIZ CENG
Address1:	5 HARBOR HILL ROAD
Address2:	Not reported
City:	WAPPINGERS FALLS
State:	NY
Zip Code:	12590
Country Code:	001
Phone:	(845) 462-7302
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2005-03-17

Site Id:	338998
Affiliation Type:	Facility Operator
Company Name:	33 MARKET STREET (VACANT)
Contact Type:	Not reported
Contact Name:	NONE

33 MARKET STREET (VACANT) (Continued) **U004061746**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2005-03-17

Tank Info:

Tank Number:	1
Tank ID:	182494
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	05/12/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BHYUKOWE
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
J00 - Dispenser - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number:	2
Tank ID:	182495
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	05/12/2005
Registered:	True

33 MARKET STREET (VACANT) (Continued) **U004061746**

Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BHYUKOWE
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
J00 - Dispenser - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number:	3
Tank ID:	182496
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	05/12/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BHYUKOWE
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
J00 - Dispenser - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

33 MARKET STREET (VACANT) (Continued) **U004061746**

D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number:	4
Tank ID:	208176
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	05/12/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BHYUKOWE
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
J00 - Dispenser - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number:	5
Tank ID:	208177
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	Not reported
Date Tank Closed:	05/12/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	BHYUKOWE
Last Modified:	04/14/2017

33 MARKET STREET (VACANT) (Continued) **U004061746**

Equipment Records:

G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

O60 **33 MARKET STREET (VACANT)** **NY AST** **A100292149**
SE **33 MARKET STREET** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12590**
0.244 mi.
1287 ft. **Site 2 of 3 in cluster O**

Relative:
Higher

Actual:
172 ft.

AST:

Name:	33 MARKET STREET (VACANT)
Address:	33 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY 12590
Region:	STATE
DEC Region:	3
Site Status:	Unregulated/Closed
Facility Id:	3-601711
Program Type:	PBS
UTM X:	585992.79128
UTM Y:	4600763.90568
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	338998
Affiliation Type:	Facility Owner
Company Name:	CENGIZ CENG
Contact Type:	OWNER
Contact Name:	CENGIZ CENG
Address1:	5 HARBOR HILL ROAD
Address2:	Not reported
City:	WAPPINGERS FALLS
State:	NY
Zip Code:	12590
Country Code:	001
Phone:	(845) 462-7302
EMail:	Not reported
Fax Number:	Not reported
Modified By:	rxamato
Date Last Modified:	2008-08-13

Site Id:	338998
Affiliation Type:	Emergency Contact
Company Name:	CENGIZ CENG
Contact Type:	Not reported
Contact Name:	CENGIZ CENG
Address1:	Not reported

33 MARKET STREET (VACANT) (Continued) **A100292149**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(914) 475-2188
EMail:	Not reported
Fax Number:	Not reported
Modified By:	rxamato
Date Last Modified:	2008-08-13

Site Id:	338998
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	CENGIZ CENG
Address1:	5 HARBOR HILL ROAD
Address2:	Not reported
City:	WAPPINGERS FALLS
State:	NY
Zip Code:	12590
Country Code:	001
Phone:	(845) 462-7302
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2005-03-17

Site Id:	338998
Affiliation Type:	Facility Operator
Company Name:	33 MARKET STREET (VACANT)
Contact Type:	Not reported
Contact Name:	NONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BHYUKOWE
Date Last Modified:	2005-03-17

Tank Info:

Tank Number:	6
Tank Id:	208178
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None

33 MARKET STREET (VACANT) (Continued) **A100292149**

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/12/2005
Register:	True
Modified By:	BHYUKOWE
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

N61 **ACADIA HUDSON LLC** **NY LTANKS** **U001843495**
SE **21 MARKET STREET** **NY TANKS** **N/A**
1/8-1/4 **POUGHKEEPSIE, NY 12601**
0.245 mi.
1295 ft. **Site 2 of 2 in cluster N**

Relative: **Higher**
Actual: **175 ft.**

LTANKS:

Name:	POUGHKEEPSIE SAVINGS BANK
Address:	21 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	8902715 / 1989-09-25
Facility ID:	8902715
Site ID:	264064
Spill Date:	1989-06-15
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D3
Cleanup Ceased:	1989-09-25
SWIS:	1446
Investigator:	wxwadswo
Referred To:	Not reported
Reported to Dept:	1989-06-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1989-09-25
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-06-20
Spill Record Last Update:	1989-10-03
Spiller Name:	Not reported

ACADIA HUDSON LLC (Continued) **U001843495**

Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	215240
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was W. WADSWORTH 06/21/89: TANK WAS PUMPED OUT ON 6/20/89. 09/25/89: TANK WAS REMOVED ON 9/25/89. SEE PBS FILES FOR MORE INFORMATION. "
Remarks:	"AINLAY, 2,000 GAL. LEAK RATE -0.99. BANK TO HAVE OIL CO. PUMP TANK OUT. THEY WILL ISOLATE TANK AND REMOVE IF NEEDED. DEBBRA WILL CALL BACK W/NOTICE."

All TTF:

Facility ID:	Not reported
Spill Number:	8902715
Spill Tank Test:	1535596
Site ID:	264064
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	264064
Operable Unit ID:	930156
Operable Unit:	01
Material ID:	450405
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

TANKS:

Name:	ACADIA HUDSON LLC
Address:	21 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Facility Id:	3-169196
Region:	STATE
DEC Region:	3
Site Status:	Active

ACADIA HUDSON LLC (Continued) **U001843495**

Program Type:	PBS
Expiration Date:	11/19/2022
UTM X:	589103.79016
UTM Y:	4617415.49894

62
NE
1/4-1/2
0.258 mi.
1361 ft.

REMINGTON ASSOC **NY LTANKS** **S107789357**
75 WASHINGTON STREET **N/A**
POUGHKEEPSIE, NY

Relative:
Higher

Actual:
172 ft.

LTANKS:

Name:	REMINGTON ASSOC
Address:	75 WASHINGTON STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0601464 / 2006-05-09
Facility ID:	0601464
Site ID:	363703
Spill Date:	2006-05-09
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1413
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2006-05-09
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-05-09
Spill Record Last Update:	2006-05-15
Spiller Name:	REMINGTON ASSOC
Spiller Company:	REMINGTON ASSOC
Spiller Address:	75 WASHINGTON STREET
Spiller County:	001
Spiller Contact:	REMINGTON ASSOC
Spiller Phone:	(845) 454-3250
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	314137
DEC Memo:	"5-9-06: See 051-2986."
Remarks:	"2000 GALLON TANK HAD HOLES;"

All Materials:

Site ID:	363703
Operable Unit ID:	1121768
Operable Unit:	01
Material ID:	2111248
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

REMINGTON ASSOC (Continued) **S107789357**

Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GELLERT&KLEIN/WISE LAW OFFICE
Address:	75 WASHINGTON STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0512986 / 2006-06-30
Facility ID:	0512986
Site ID:	359391
Spill Date:	2006-02-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1413
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2006-02-09
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-02-09
Spill Record Last Update:	2006-08-04
Spiller Name:	GELLER & KLIEN
Spiller Company:	LAW OFFICE
Spiller Address:	75 WASHINGTON STREET
Spiller County:	001
Spiller Contact:	GELLER & KLIEN
Spiller Phone:	(845) 454-3250
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	314137
DEC Memo:	"See report : 6-30-06, by Dut.Envir.Const. See 5 page update by V.p.Mc."
Remarks:	"ISOLATE AND RETEST"

All TTF:

Facility ID:	Not reported
Spill Number:	0512986
Spill Tank Test:	1549713
Site ID:	359391
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II

REMINGTON ASSOC (Continued) **S107789357**

Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 359391
Operable Unit ID: 1116602
Operable Unit: 01
Material ID: 2107044
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

63
East
1/4-1/2
0.258 mi.
1361 ft.

CITY OF POK.PARKING GARAGE
61 CIVIC CENTER PLAZA
POUGHKEEPSIE, NY

NY LTANKS **S108298619**
N/A

Relative:
Higher

Actual:
176 ft.

LTANKS:
Name: CITY OF POK.PARKING GARAGE
Address: 61 CIVIC CENTER PLAZA
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 0608092 / 2006-11-07
Facility ID: 0608092
Site ID: 371967
Spill Date: 2006-10-16
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 1413
Investigator: VPMCCABE
Referred To: Not reported
Reported to Dept: 2006-10-16
CID: 444
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2006-10-16
Spill Record Last Update: 2007-01-26
Spiller Name: NOEL RUSS
Spiller Company: PARKING GARAGE
Spiller Address: 61 CIVIC CENTER PLAZA
Spiller County: 001
Spiller Contact: NOEL RUSS

CITY OF POK.PARKING GARAGE (Continued) **S108298619**

Spiller Phone:	(845) 569-1200
Spiller Extention:	12
DEC Region:	3
DER Facility ID:	321703
DEC Memo:	"15 TONS OF MATERIAL REMOVED; NO COMPLICATIONS; NO SENSITIVE RECEPTORS; WELL SAMPLE AND REPORT. 10/27/06: V MC. SITE INSPECT CHECKED LOWEST LEVEL OF PARKING LOT; NO ACT/UST,SOIL/Ect. noted. See report : 11-7-06, by MEG"
Remarks:	"HOLES IN TANK AND CONTAMINATED SOIL:"

All Materials:

Site ID:	371967
Operable Unit ID:	1129716
Operable Unit:	01
Material ID:	2119381
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

O64 **M B M COMP./TRI.CO.PLAN.SER.: 1K UST** **NY LTANKS** **S113820367**
SE **39 MARKET ST** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY**
0.260 mi.
1374 ft. **Site 3 of 3 in cluster O**

Relative: LTANKS:
Higher

Actual: Name:	M B M COMP./TRI.CO.PLAN.SER.: 1K UST
174 ft. Address:	39 MARKET ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1304134 / 2013-07-26
Facility ID:	1304134
Site ID:	484647
Spill Date:	2013-07-17
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	1413
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2013-07-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	2013-07-24
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2013-07-17
Spill Record Last Update:	2013-08-23
Spiller Name:	Not reported

M B M COMP./TRI.CO.PLAN.SER.: 1K UST (Continued) **S113820367**

Spiller Company:	M B M COMP.
Spiller Address:	1134 MAIN ST
Spiller County:	999
Spiller Contact:	BILL MAYS
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	439797
DEC Memo:	"7-17-13: Spoke with WCC. 1K failed test. Tester suspects remote fill the problem. Tank is located in basement. WCC was hired by EnviroClean and gave Stacy as contact. EnviroClean is doing some work at location. They will repair tank and have WCC retest. jc 7-25-13: V.Mc.: See 1 page update, inc. site inspection of 7-24-13, noting: No activity on site at time of inspection. Fill/vent to basement AST, center of store front for Prudential / Cherise Recchia. 8-12-13: V.Mc. UST passed re-test. Report in e-Doc. NFA"
Remarks:	"1000 gal agt in basement"

All Materials:

Site ID:	484647
Operable Unit ID:	1234324
Operable Unit:	01
Material ID:	2233334
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

65
SE
1/4-1/2
0.292 mi.
1541 ft.

NYSDMNA - NEW YORK STATE ARMORY
61 MARKET ST
POUGHKEEPSIE, NY 12601

NY LTANKS **1006931303**
RCRA NonGen / NLR **NYR000117929**
NY MANIFEST

Relative:
Higher

Actual:
170 ft.

LTANKS:

Name:	NYS ARMORY
Address:	61 MARKET STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	8803141 / 1989-11-29
Facility ID:	8803141
Site ID:	293364
Spill Date:	1988-07-11
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1989-11-29
SWIS:	1446
Investigator:	jeokesso
Referred To:	Not reported
Reported to Dept:	1988-07-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester

NYSDMNA - NEW YORK STATE ARMORY (Continued) **1006931303**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-03-28
Spill Record Last Update:	1989-11-29
Spiller Name:	Not reported
Spiller Company:	MIKE HEINNICH
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	237448
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON "
Remarks:	"8K FAI;ED AT .879 OGS"

All TTF:

Facility ID:	Not reported
Spill Number:	8803141
Spill Tank Test:	1534268
Site ID:	293364
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	293364
Operable Unit ID:	918311
Operable Unit:	01
Material ID:	554778
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:	20111024
Handler Name:	NYSDMNA - NEW YORK STATE ARMORY

NYSDMNA - NEW YORK STATE ARMORY (Continued) **1006931303**

Handler Address:	61 MARKET ST
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601-3210
EPA ID:	NYR000117929
Contact Name:	HEIDI UNWIN
Contact Address:	OLD NISKAYUNA RD
Contact City,State,Zip:	LATHAM, NY 12210-3514
Contact Telephone:	518-786-4347
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	MGR
EPA Region:	02
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	MARKET ST
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12601-3210
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No

NYSDMNA - NEW YORK STATE ARMORY (Continued) **1006931303**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	PP
Owner/Operator Name:	NEW YORK STATE ARMORY
Legal Status:	State
Date Became Current:	19801231
Date Ended Current:	20111024
Owner/Operator Address:	61 MARKET ST
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12601-3210
Owner/Operator Telephone:	518-786-4347
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYS DIV MILITARY NAVAL AFFAIRS
Legal Status:	State
Date Became Current:	19801231
Date Ended Current:	Not reported
Owner/Operator Address:	330 OLD NISKAYUNA RD
Owner/Operator City,State,Zip:	LATHAM, NY 12110-2224
Owner/Operator Telephone:	518-786-4347
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW YORK STATE ARMORY

NYSDMNA - NEW YORK STATE ARMORY (Continued) **1006931303**

Legal Status:	State
Date Became Current:	19801231
Date Ended Current:	Not reported
Owner/Operator Address:	61 MARKET ST
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12601-3210
Owner/Operator Telephone:	518-786-4347
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW YORK STATE ARMORY
Legal Status:	State
Date Became Current:	19801231
Date Ended Current:	Not reported
Owner/Operator Address:	61 MARKET ST
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12601-3210
Owner/Operator Telephone:	518-786-4347
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYS DIV MILITARY NAVAL AFFAIRS
Legal Status:	State
Date Became Current:	19801231
Date Ended Current:	Not reported
Owner/Operator Address:	330 OLD NISKAYUNA RD
Owner/Operator City,State,Zip:	LATHAM, NY 12110-2224
Owner/Operator Telephone:	518-786-4347
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	PO
Owner/Operator Name:	NYS DIV MILITARY NAVAL AFFAIRS
Legal Status:	State
Date Became Current:	19801231
Date Ended Current:	20111024
Owner/Operator Address:	330 OLD NISKAYUNA RD
Owner/Operator City,State,Zip:	LATHAM, NY 12110-2224
Owner/Operator Telephone:	518-786-4347
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name:	NYSDMNA - NEW YORK STATE ARMORY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

NYSDMNA - NEW YORK STATE ARMORY (Continued) **1006931303**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYSDMNA - NEW YORK STATE ARMORY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20111024
Handler Name: NYSDMNA - NEW YORK STATE ARMORY
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030902
Handler Name: NYSDMNA - NEW YORK STATE ARMORY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 92811
NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: NYSDMNA - NYS ARMORY

NYSDMNA - NEW YORK STATE ARMORY (Continued) **1006931303**

Address:	61 MARKET ST
City,State,Zip:	POUGHKEEPSIE, NY 12601-3210
Country:	USA
EPA ID:	NYR000117929
Facility Status:	Not reported
Location Address 1:	61 MARKET ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE
Location State:	NY
Location Zip:	12601
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000117929
Mailing Name:	NYSDMNA - NYS ARMORY
Mailing Contact:	N/S
Mailing Address 1:	61 MARKET ST
Mailing Address 2:	Not reported
Mailing City:	POUGHKEEPSIE
Mailing State:	NY
Mailing Zip:	12601
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	8454542502

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD986607380
Trans2 State ID:	MID000263871
Generator Ship Date:	01/05/2006
Trans1 Recv Date:	01/05/2006
Trans2 Recv Date:	01/19/2006
TSD Site Recv Date:	02/01/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000117929
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID000724831
TSDF ID 2:	Not reported
Manifest Tracking Number:	MIA9205571
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported

NYSDMNA - NEW YORK STATE ARMORY (Continued) **1006931303**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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66 **FIRST CONGREGATIONAL CHURCH** **NY LTANKS** **S106385806**
East **269 MILL ST** **NY Spills** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY**
0.301 mi.
1591 ft.

Relative: **Higher**
Actual: **178 ft.**

LTANKS:

Name:	1ST.CONGREGATIONALCHURCH
Address:	269 MILL STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0400242 / 2004-04-20
Facility ID:	0400242
Site ID:	64266
Spill Date:	2004-04-08
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	1446
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2004-04-08
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-04-08
Spill Record Last Update:	2005-03-14
Spiller Name:	JEFF HITCHINS
Spiller Company:	FIRST CONGREGATIONAL CHUR
Spiller Address:	269 MILL STREET
Spiller County:	001
Spiller Contact:	JEFF HITCHINS
Spiller Phone:	(845) 452-2600

FIRST CONGREGATIONAL CHURCH (Continued) **S106385806**

Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	61957
DEC Memo:	"See 3 page update by VMC Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 04/08/04, 'Phone' = 4/8/2004, 'Site Insp' = 4/20/2004. "
Remarks:	"TANK FAILURE: IN PROCESS OF BEING CLEAN UP: "

All Materials:

Site ID:	64266
Operable Unit ID:	884629
Operable Unit:	01
Material ID:	495028
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	FIRST CONGREGATIONAL CHURCH
Address:	269 MILL ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1112465 / 2012-03-30
Facility ID:	1112465
Facility Type:	ER
DER Facility ID:	414867
Site ID:	460405
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1413
Spill Date:	2012-01-27
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2012-01-27
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-01-27
Spill Record Last Update:	2012-04-02
Spiller Name:	DONALD TWITCHILL
Spiller Company:	FIRST CONGREGATIONAL CHURCH
Spiller Address:	269 MILL ST
Spiller Company:	999

FIRST CONGREGATIONAL CHURCH (Continued) **S106385806**

Contact Name:	JEFF HICKS
DEC Memo:	"1-27-12: V.Mc. call to Don Twitchill: Left for day. 2-2-12: V.Mc.: See 1 page update, inc.: *) 1-31-12: V.Mc. site inspection: Meet with Don Twitchill. Inspected basement: Leak at fuel pump at furnace. Spill was aprx.5 to 10 gal., onto concrete floor. EnviroClean completed cleanned up. No odor noted upon entry. *) 1-31-12: V.Mc. at EnviroClean: Meet with J.Jorden. Clean up completed, receipt for disposal along with cover letter to be submitted for closure. 4-2-12: V.Mc.: See Disposal Receipt with cover letter dated 3-1-12 from EnviroClean. NFA."
Remarks:	"in building basement - cleanup in progress -"

All Materials:

Site ID:	460405
Operable Unit ID:	1210493
Operable Unit:	01
Material ID:	2208134
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

67
NNE
1/4-1/2
0.326 mi.
1722 ft.

POLE #26566
30 BAIN AVE
POUGHKEEPSIE, NY

NY LTANKS **S105135171**
NY Spills **N/A**

Relative: Higher

Actual: 150 ft.

LTANKS:

Name:	KOURNOUS
Address:	30 BAIN AVE
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0106607 / 2001-09-26
Facility ID:	0106607
Site ID:	89001
Spill Date:	2001-09-25
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1446
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2001-09-25
CID:	382
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-09-25

POLE #26566 (Continued) **S105135171**

Spill Record Last Update:	2004-08-11
Spiller Name:	MR KOURNOUS
Spiller Company:	Not reported
Spiller Address:	30 BAIN AVE
Spiller County:	001
Spiller Contact:	MR KOURNOUS
Spiller Phone:	(845) 454-4945
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	81342
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE 09/26/2001 V. MCCABE SITE INSPECTION. MUNICIPAL WATER/SEWER. SURFACE OF CONCRETE CLEANED WITH BIOSOLVE. TWO PAGE UPDATE BY V. MCCABE. NO FURTHER ACTION. This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 09/25/01, 'Phone' = 9/26/2001, 'Site Insp' = 9/26/2001. "
Remarks:	"contaminated soil and concrete from leak in a 275 above ground tank. replacement underway. appears to be 5-10 gals of oil."

All Materials:

Site ID:	89001
Operable Unit ID:	843663
Operable Unit:	01
Material ID:	531452
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	POLE #26566
Address:	30 BAIN AVE
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0603939 / 2006-07-10
Facility ID:	0603939
Facility Type:	ER
DER Facility ID:	81342
Site ID:	366791
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	1446
Spill Date:	2006-07-10
Investigator:	KABROWNE
Referred To:	Not reported
Reported to Dept:	2006-07-10
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True

POLE #26566 (Continued) **S105135171**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-07-10
Spill Record Last Update:	2007-01-05
Spiller Name:	CHRIS DEROBERTS
Spiller Company:	POLE #26566
Spiller Address:	30 BAIN AVE
Spiller Company:	001
Contact Name:	CHRIS DEROBERTS
DEC Memo:	"12/11/06: V. MC. & NICK MEG RESPONDED - 2 GAL NON/PCB MILLER ENVIRONMENTAL ON SITE CONDUCTING CLEAN UP. CLOSED. NFA"
Remarks:	"LEAKING TRANSFORMER: NON PCB CONTAINED TO BASE OF POLE NO WATERWAYS EFFECTED"

All Materials:

Site ID:	366791
Operable Unit ID:	1124722
Operable Unit:	01
Material ID:	2114225
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	2.00
Oxygenate:	Not reported

P68 **BERN COLORS** **SEMS-ARCHIVE** **1014948178**
NW **75 NORTH WATER ST** **RCRA NonGen / NLR** **NYD002013951**
1/4-1/2 **POUGHKEEPSIE, NY 12601** **PRP**
0.347 mi. **ICIS**
1830 ft. **Site 1 of 2 in cluster P** **NY MANIFEST**

Relative: **Lower**
Actual: **7 ft.**

SEMS Archive:

Site ID:	0202752
EPA ID:	NYD002013951
Name:	BERN COLORS
Address:	75 NORTH WATER ST
Address 2:	Not reported
City,State,Zip:	POUGHKEEPSIE, NY 12601
Cong District:	01
FIPS Code:	36027
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Archive Detail:

Region:	02
Site ID:	0202752
EPA ID:	NYD002013951
Site Name:	BERN COLORS
NPL:	N
FF:	N
OU:	00
Action Code:	RV

BERN COLORS (Continued) **1014948178**

Action Name:	RMVL
SEQ:	1
Start Date:	1982-01-14 05:00:00
Finish Date:	1982-02-10 05:00:00
Qual:	C
Current Action Lead:	USCG
Region:	02
Site ID:	0202752
EPA ID:	NYD002013951
Site Name:	BERN COLORS
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	BERNCOLORS-POUGHKEEPSIE INC
Handler Address:	75 N WATER ST
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601
EPA ID:	NYD002013951
Contact Name:	Not reported
Contact Address:	N WATER ST
Contact City,State,Zip:	POUGHKEEPSIE,, NY 12601
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	N WATER ST
Mailing City,State,Zip:	POUGHKEEPSIE,, NY 12601
Owner Name:	JAMES BERNARD
Owner Type:	Private
Operator Name:	JAMES BERNARD
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

BERN COLORS (Continued) **1014948178**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

BERN COLORS (Continued) **1014948178**

Owner/Operator Indicator: Operator
Owner/Operator Name: JAMES BERNARD
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES BERNARD
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES BERNARD
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19950328
Handler Name: BERNCOLORS-POUGHKEEPSIE INC
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: BERNCOLORS-POUGHKEEPSIE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

BERN COLORS (Continued) **1014948178**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: BERNCOLORS-POUGHKEEPSIE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800721
Handler Name: BERNCOLORS-POUGHKEEPSIE INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325191
NAICS Description: GUM AND WOOD CHEMICAL MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

BERN COLORS (Continued) **1014948178**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19860706
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

PRP:
PRP Name: BERNCOLORS-POUGHKEEPSIE, INC.

ICIS:
Enforcement Action ID: 02-1986-0335
FRS ID: 110004336424
Action Name: BERNCOLORS-POUGHKEEPSIE,
Facility Name: BERNCOLORS-POUGHKEEPSIE INC
Facility Address: 75 N WATER ST
POUGHKEEPSIE, NY 12601
Enforcement Action Type: TSCA 16 Action For Penalty
Facility County: DUTCHESS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 16
Facility SIC Code: 5169
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 41.708195
Longitude in Decimal Degrees: -73.93907
Permit Type Desc: Not reported
Program System Acronym: 27586
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

BERN COLORS (Continued) **1014948178**

Enforcement Action ID:	02-1982-0031
FRS ID:	110004336424
Action Name:	BERNCOLORS
Facility Name:	BERNCOLORS-POUGHKEEPSIE INC
Facility Address:	75 N WATER ST POUGHKEEPSIE, NY 12601
Enforcement Action Type:	Civil Judicial Action
Facility County:	DUTCHESS
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	5169
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	41.708195
Longitude in Decimal Degrees:	-73.93907
Permit Type Desc:	Not reported
Program System Acronym:	27586
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	BERNCOLORS-POUGHKEEPSIE INC
Address:	75 N WATER ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5169

Facility Name:	BERNCOLORS-POUGHKEEPSIE INC
Address:	75 N WATER ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5169

Facility Name:	BERNCOLORS-POUGHKEEPSIE INC
Address:	75 N WATER ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5169

Facility Name:	BERNCOLORS-POUGHKEEPSIE INC
Address:	75 N WATER ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5169

Facility Name:	BERNCOLORS-POUGHKEEPSIE INC
Address:	75 N WATER ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	5169

Facility Name:	BERNCOLORS-POUGHKEEPSIE INC

BERN COLORS (Continued) **1014948178**

Address: 75 N WATER ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5169

Facility Name: BERNCOLORS-POUGHKEEPSIE INC
Address: 75 N WATER ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5169

Facility Name: BERNCOLORS-POUGHKEEPSIE INC
Address: 75 N WATER ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5169

NY MANIFEST:
Name: BERNCOLORS - POUGHKEEPSIE
Address: 75 N WATER ST
City,State,Zip: POUGHKEEPSIE, NY 12601
Country: USA
EPA ID: NYD002013951
Facility Status: Not reported
Location Address 1: 75 NORTH WATER ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: POUGHKEEPSIE
Location State: NY
Location Zip: 12602
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD002013951
Mailing Name: BERNCOLORS - POUGHKEEPSIE
Mailing Contact: RANDY JENSEN
Mailing Address 1: P O BOX 29
Mailing Address 2: Not reported
Mailing City: POUGHKEEPSIE
Mailing State: NY
Mailing Zip: 12602
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9144546700

P69
NW
1/4-1/2
0.347 mi.
1830 ft.

BERNCOLORS POUGHKEEPSIE, INC.
75 NORTH WATER STREET
POUGHKEEPSIE, NY 12602

Site 2 of 2 in cluster P

NY HSWDS **S108146880**
N/A

Relative:
Lower

Actual:
7 ft.

HSWDS:

Facility ID:	Not reported
Region:	3
Facility Status:	Unknown
Owner Type:	Puplic
Owner:	Berncolors Poughkeepsie, Inc.
Owner Address:	P.O. Box 29
Owner Phone:	(914)454-6700
Operator Type:	Same
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD002013951
Registry:	D
Registry Site ID:	314026
RCRA Permitted:	Unknown
Site Code:	Leaking tanks, drums, lagoons, other containers
Owner City State:	Poughkeepsie
Operator City State:	Not reported
Quadrange:	Poughkeepsie
Latitude:	41 42 30 N
Longitude:	73 56 25 W
Acres:	1.00
Operator Date:	Unknown
Close Date:	Unknown
Completed:	Phase 2
Active:	Unknown
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	Yes
Semi Volatile Organic Compounds Disposed:	Yes
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	Groundwater
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Surface Soil
Analytical Info Exists for Substance:	Subsurface
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	EPTox
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	N
Surface Water Contamination:	Yes
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	No
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	No

BERNCOLORS POUGHKEEPSIE, INC. (Continued) **S108146880**

Ambient Air Contamination:	Unknown
Direct Contact:	Yes
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

70
East
1/4-1/2
0.370 mi.
1954 ft.

HRH LEAD ABATEMENT SITE **NY SHWS** **S112141403**
55 GARDEN STREET **N/A**
POUGHKEEPSIE, NY 12601

Relative:
Higher

Actual:
181 ft.

SHWS:

Name:	HRH LEAD ABATEMENT SITE
Address:	55 GARDEN STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program:	HW
Site Code:	502049
Classification:	A
Region:	3
Acres:	0.170
HW Code:	314122
Record Add:	11/18/2014
Record Upd:	03/30/2017
Updated By:	GWHEITZM
Site Description:	"Location: The site is located at 55 Garden Street in the City of Poughkeepsie, Dutchess County. Site Features: The 0.17 acre site includes a single family home with small front and rear yards. Current Zoning and Land Use: The site is currently zoned and in use as a single family residence. Past Use of the Site: The site was a single family residence that was abated for lead paint as part of a rehabilitation project. Site Geology and Hydrogeology:"
Env Problem:	"The primary contaminant associated with the site is lead, which

HRH LEAD ABATEMENT SITE (Continued) **S112141403**

	resulted from the abatement of lead paint as part of the rehabilitation of the structure. All lead resulting from the abatement was containerized and properly disposed off-site."
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	C04
Owner Name:	Ed Murphy
Owner Company:	HRH Neighborhood Development Fund Company
Owner Address:	313 Miller Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

71
SSW
1/4-1/2
0.387 mi.
2041 ft.

POUGHKEEPSIE GAS WORKS **EDR MGP** **1008408026**
LAUREL STREET **N/A**
POUGHKEEPSIE, NY 12601

Relative:
Lower

Actual:
58 ft.

Manufactured Gas Plants:
No additional information available

72
East
1/4-1/2
0.393 mi.
2075 ft.

5FB MORSE SCHOOL **NY LTANKS** **S100494117**
104 MANSION STREET **N/A**
POUGHKEEPSIE, NY

Relative:
Higher

Actual:
172 ft.

LTANKS:

Name:	5FB MORSE SCHOOL
Address:	104 MANSION STREET
City,State,Zip:	POUGHKEEPSIE, NY

5FB MORSE SCHOOL (Continued) **S100494117**

Spill Number/Closed Date:	9207851 / 1992-10-12
Facility ID:	9207851
Site ID:	296056
Spill Date:	1992-10-07
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1992-10-12
SWIS:	1446
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1992-10-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-10-09
Spill Record Last Update:	1992-12-09
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	239585
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST."
Remarks:	"EIR HORNER EZ-CHECK"

All TTF:

Facility ID:	Not reported
Spill Number:	9207851
Spill Tank Test:	1540680
Site ID:	296056
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	296056

5FB MORSE SCHOOL (Continued) **S100494117**

Operable Unit ID:	971502
Operable Unit:	01
Material ID:	408464
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Q73 **CH - WATER ST. - POUGHKEEPSIE MGP** **NY VCP** **S106906509**
NW **NORTH WATER STREET** **NY BROWNFIELDS** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY 12601**
0.403 mi.
2128 ft. **Site 1 of 2 in cluster Q**

Relative: **Lower**

Actual: **71 ft.**

VCP:

Name:	CH - WATER ST. - POUGHKEEPSIE MGP
Address:	NORTH WATER STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program Type:	VCP
Site Code:	56927
HW Code:	V00291
Site Class:	N
SWIS:	1413
Region:	3
Town:	Poughkeepsie (c)
Acres:	Not reported
Date Record Added:	11/30/2000
Date Record Updated:	04/08/2011
Updated By:	RXSCHICK
Site Description:	" See C314070"
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	CENTRAL HUDSON GAS & ELECTRIC CORP.
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
HW Code:	Not reported

CH - WATER ST. - POUGHKEEPSIE MGP (Continued) **S106906509**

Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

BROWNFIELDS:

Name:	CH - WATER ST. - POUGHKEEPSIE MGP
Address:	NORTH WATER STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program:	BCP
Site Code:	57435
Acres:	13.000
HW Code:	C314070
SWIS:	1413
Town:	Poughkeepsie (c)
Record Added Date:	06/15/2004
Record Updated Date:	06/09/2021
Update By:	DJEATON
Site Description:	"Location: The site is located on the eastern bank of the Hudson River at the end of Dutchess Avenue, in the north end of the City of Poughkeepsie. The site is approximately 13 acres in size and is bounded by: the Hudson River to the west, Dutchess Avenue to the north, North Water Street to the east and the Fallkill Creek to the south. An abandoned lumber treatment facility (AC Dutton Lumber), remediated under a Brownfield Cleanup Agreement and currently under redevelopment, forms the remainder of the northern site boundary. To the east, beyond Water Street, lies a Metro North railroad yard. Site Features: The upland portion of the site consists of two relatively flat terraces, separated by steep, rocky slopes with very thin soil cover. The lower terrace lies on the banks of the Hudson River, roughly 5-10 feet above sea level. The upper terrace is roughly 50 feet higher, bordering Water Street. The only permanent structure located at the site is an unoccupied cinder block valve house associated with the gas regulator station. Important energy infrastructure is located on the site. Gas and electric lines cross beneath the Hudson River at this location, and connect with gas and electrical lines which serve much wider areas surrounding Poughkeepsie. An electrical transformer station is located on the lower terrace at the southwestern portion of the site, where the electrical transmission line meets the shoreline and a natural gas regulator station occupies the northwestern corner of the lower terrace of the site where the gas transmission line meets the shoreline. The transformer station and regulator station are each enclosed within a fence. Current Zoning and Land Use: The site is zoned for industrial use. Surrounding land uses are predominantly, but not exclusively, industrial. Immediately north and south of the site, riverfront access provides for recreational use of the waterfront. Immediately across Dutchess Avenue to the north of the site, a large scale restricted residential redevelopment is underway. Two residences are situated directly across Dutchess Avenue at the northeast corner of the site. The City of Poughkeepsie has supported efforts to construct a continuous pedestrian walkway along the river

CH - WATER ST. - POUGHKEEPSIE MGP (Continued) **S106906509**

bank, and to connect this walkway with the Walkway Over the Hudson, which occupies a former railroad bridge that spans the site and the Hudson River. It is anticipated that the riverfront walkway may be extended to include riverfront portions of this MGP site at some point in the future. Past Uses of the Site: The site housed a large manufactured gas plant (MGP) from 1911 to the mid-1950s. Coal tar from the gas manufacturing process leaked from storage vessels and piping and is still present in the subsurface. Some of these tars still discharge sporadically into the Hudson River. Previous investigations at the site include: Phase 1 Investigation (1986), Phase 2 Investigation (1990), Supplemental RCRA Testing (1991), Supplemental Preliminary Site Assessment (2000), Supplemental Land Investigation (2003), Supplemental Land and River Investigations (2004), Supplemental River and Land Investigations (2005). Site Geology and Hydrogeology: The upper tier of the site consists of highly deformed slate and limestone bedrock, with a very thin fill cover. The lower tier consists of fill containing broken rock derived from the blasting of the cliff face and silty sand. Bedrock on the lower tier ranges from 0 to 15' below grade, deepening toward the river. Groundwater levels on the upper tier range from 10 to 19 feet below ground surface (bgs) and from 0 to 14 feet bgs on the lower tier. Flow in both the overburden and bedrock aquifers is to the west, toward the river. The Hudson River in this area is a tidal stream and tidal influences to near shore groundwater levels on the lower tier is pronounced. "

Env Problem:

"Contaminants of Concern: The principal waste disposed on the site was manufactured gas plant (MGP) tar, which is a brown, oily liquid that is slightly denser than water. Large amounts of this tar escaped into the subsurface from plant structures located on the lower terrace near the river bank. This tar can still be found in soils and bedrock beneath the site. Tar was also discharged directly to the Hudson River, where it is found in sediments on the river bottom. The tar contains high levels of benzene, toluene, ethylbenzene and xylenes, collectively known as BTEX, and polycyclic aromatic hydrocarbon (PAH) compounds. Both groups of compounds have been found in site groundwater. Impacted Media: The soil and bedrock aquifers beneath the western portion of the site, along the banks of the Hudson River, are contaminated with separate phase MGP tar and with dissolved benzene, toluene, ethylbenzene and xylene (BTEX) and polycyclic aromatic hydrocarbon (PAH) compounds derived from the tar. MGP tar is being collected on a bi-annual basis from two wells along the western boundary of the site. Over 500 gallons have been collected from one overburden well along the riverfront. Hudson River sediments contain MGP tar and PAH contamination derived from the tar. Subsurface Soil and Bedrock: On the upper tier of the site, tar was observed in bedrock fractures in 3 of 32 soil borings. On the lower tier of the site, tar was observed in subsurface soil in 54 of 68 sample locations. BTEX was detected in 15 of the 20 samples analyzed. PAH constituents were detected in 19 of 20 samples. Total BTEX concentrations ranged from 0.001 to 916 parts per million (ppm) and total PAH concentrations ranged from 0.17 ppm to 16,300 ppm. Twelve of the 20 samples analyzed contained concentrations of the following individual constituents above the industrial use soil clean-up objectives (SCOs): benzene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, naphthalene, phenanthrene, and pyrene. Six subsurface soil samples were collected and analyzed for target analyte list (TAL) metals. One or more metals

CH - WATER ST. - POUGHKEEPSIE MGP (Continued) **S106906509**

were detected at each location. Arsenic was detected at concentrations exceeding industrial use SCOs at one location that is co-located with visible non-aqueous phase liquid (NAPL) and industrial use SCO exceedances for PAHs. Surface Soil: Twenty-two surface soil samples were collected and analyzed for BTEX and PAHs. BTEX constituents were detected in 7 of the 22 samples with total BTEX concentrations ranging from 0.00061 ppm to 151 ppm. No samples exhibited concentrations of individual BTEX constituents above industrial use SCOs. PAH constituents were detected in 21 of the 22 samples, with detected total PAH concentrations ranging from 0.55 ppm to 5,200 ppm. Thirteen of the twenty-two samples exhibited concentrations of one or more of the following individual PAH constituents exceeding industrial use SCOs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3,c-d)pyrene, naphthalene. Twenty surface soil samples were analyzed for TAL metals. Measurable concentrations of metals were detected in 14 of the 20 samples. None of the concentrations exceeded industrial use SCOs. Groundwater: In three overburden wells sampled, BTEX concentrations ranged from non-detect to 9,744 parts per billion (ppb) and total PAH concentrations ranged from non-detect to 691 ppb. Trace thicknesses of NAPL were observed in all three overburden wells. In four bedrock wells sampled, total BTEX concentrations ranged from non-detect to 138 ppb and total PAH concentrations ranged from non-detect to 462 ppb. In three bedrock wells sampled for TAL metals, cadmium was detected at concentrations ranging from 5 to 8 ppb and cyanide was detected at concentrations ranging from 80 to 460 ppb. Trace thicknesses of non-aqueous phase liquid (NAPL) were observed in three of the four bedrock wells sampled. Groundwater samples exceeded Ambient Water Quality Standards for the following individual constituents: benzene, ethylbenzene, m/p-Xylene, o-Xylene and toluene; acenapthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, pyrene, cadmium and cyanide. Sediment: Tar impacted sediments extend approximately 300 feet from the shoreline, and from approximately 350 feet north of the gas transmission line to approximately 350 feet south of the electrical transmission line. BTEX was observed in each of the nine sediment samples analyzed for volatile organic compounds (VOCs), with total BTEX concentrations ranging from 0.0091 ppm to 1,310 ppm. PAHs were detected in 239 of 249 samples analyzed for semi-volatile organic compounds (SVOCs), with concentrations ranging from non-detect to 21,200 ppm. 207 of the 239 samples collected for SVOC analysis exceeded the Class A sediment screening value of 4 ppm total PAH. Surface Water: Three surface water samples were collected from the Hudson River for analysis. Although none of the analytical results exceeded ambient water quality standards, the gas ebullition within tar-impacted river sediments routinely results in sheens and slicks on the river surface near the site. Soil Vapor: Two of the twenty four soil vapor samples collected on the site exhibited detectable levels of benzene ranging from 32 ug/m3 to 64 ug/m3. Special Resources impacted. The Hudson River is impacted by coal tar in the area near the MGP site, with both sediments and the overlying water column affected. Tar continues to move into the Hudson River by subsurface migration from upland source areas, but the principal impact of tar to the water column is the result of releases of tar from the tar contaminated on the river bottom which causes frequent slicks and sheens on the water surface, primarily during the warm

CH - WATER ST. - POUGHKEEPSIE MGP (Continued) **S106906509**

	weather months. The site is within the Kingston-Poughkeepsie Deepwater Significant Coastal Fish and Wildlife Habitat area, a stretch of the Hudson River that is ecologically important to the life history of two endangered species, the Atlantic and Shortnose Sturgeon."
Health Problem:	"Access to the site is restricted and measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination remaining on the site. Contaminated groundwater at the site is not used for drinking or other purposes, and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the soil or groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because there are no occupied buildings on the site, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. People using the Hudson River for recreational purposes such as boating may come into contact with site-related contaminants associated with sheens present on the water's surface. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	False
Record Add:	2004-07-20 12:37:00
Record Upd:	2015-12-31 10:15:00
Updated By:	HTWILLEM
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	CENTRAL HUDSON GAS & ELECTRIC CORP.
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Wayne Mancroni
Owner Company:	Central Hudson Gas And Electric Corporation
Owner Address:	284 South Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Adriance Memorial Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601

CH - WATER ST. - POUGHKEEPSIE MGP (Continued) **S106906509**

Owner Country:	United States of America
HW Code:	C314070
Waste Type:	COAL TAR
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314070
Waste Type:	benzene, toluene, ethylbenzene and xylenes (BTEX)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314070
Waste Type:	polycyclic aromatic hydrocarbons (PAHS), total
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	1204807
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2012-08-13 16:34:00
Record Updated:	2012-08-13 16:34:00
Updated By:	kabrowne
Crossref ID:	1107071
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2013-10-04 14:47:00
Record Updated:	2013-10-04 14:47:00
Updated By:	JBODEE
Crossref ID:	1307008
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2013-10-04 15:14:00
Record Updated:	2013-10-04 15:14:00
Updated By:	JBODEE
Crossref ID:	1810078
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2020-11-17 11:15:00
Record Updated:	2020-11-17 11:15:00
Updated By:	JBODEE
Crossref ID:	1810618
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2020-11-17 11:15:00
Record Updated:	2020-11-17 11:15:00
Updated By:	JBODEE
Crossref ID:	2001626
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2020-06-05 10:32:00
Record Updated:	2020-06-05 10:32:00
Updated By:	MXSWEENE
Crossref ID:	1905763
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2020-11-17 11:14:00
Record Updated:	2020-11-17 11:14:00
Updated By:	JBODEE
Crossref ID:	2007392
Cross Ref Type Code:	01

CH - WATER ST. - POUGHKEEPSIE MGP (Continued) **S106906509**

Cross Ref Type:	Spill No.
Record Added Date:	2020-11-17 10:35:00
Record Updated:	2020-11-17 10:35:00
Updated By:	JBODEE
Crossref ID:	2001595
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2020-11-17 10:20:00
Record Updated:	2020-11-17 10:20:00
Updated By:	JBODEE
Crossref ID:	1004569
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2010-07-23 12:49:00
Record Updated:	2010-07-23 12:49:00
Updated By:	jbodee
Crossref ID:	1003415
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2010-07-01 08:53:00
Record Updated:	2010-07-01 08:53:00
Updated By:	ELMOORE
Crossref ID:	2007591
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2020-11-24 13:36:00
Record Updated:	2020-11-24 13:36:00
Updated By:	JBODEE
Crossref ID:	1706844
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-10-16 10:43:00
Record Updated:	2017-10-16 10:43:00
Updated By:	JBODEE
Crossref ID:	D3-0004-99-04
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2018-02-08 09:22:00
Record Updated:	2018-02-08 09:22:00
Updated By:	DKMACNEA
Crossref ID:	1505139
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-08-13 13:56:00
Record Updated:	2015-08-13 13:56:00
Updated By:	JBODEE
Crossref ID:	V00291
Cross Ref Type Code:	04
Cross Ref Type:	VCP Site ID
Record Added Date:	2007-03-14 10:07:00
Record Updated:	2007-03-14 10:07:00
Updated By:	KEREINH
Crossref ID:	1810264
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-01-08 12:08:00
Record Updated:	2019-01-08 12:08:00

CH - WATER ST. - POUGHKEEPSIE MGP (Continued) **S106906509**

Updated By:	MDKILMER
Crossref ID:	1809985
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-12-28 11:06:00
Record Updated:	2018-12-28 11:06:00
Updated By:	BTRANSOM
Crossref ID:	1809484
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-12-11 09:25:00
Record Updated:	2018-12-11 09:25:00
Updated By:	MXLENNA
Crossref ID:	1809408
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-12-10 09:11:00
Record Updated:	2018-12-10 09:11:00
Updated By:	RDBENDEL
Crossref ID:	1903830
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-08-14 09:00:00
Record Updated:	2019-08-14 09:00:00
Updated By:	JBODEE
Crossref ID:	1907204
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-10-17 12:17:00
Record Updated:	2019-10-17 12:17:00
Updated By:	JAGIORDA
Crossref ID:	1810230
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-01-07 12:08:00
Record Updated:	2019-01-07 12:08:00
Updated By:	GAAHLERS
Crossref ID:	1810310
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-01-09 09:52:00
Record Updated:	2019-01-09 09:52:00
Updated By:	GAAHLERS
Crossref ID:	1809454
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-12-10 12:56:00
Record Updated:	2018-12-10 12:56:00
Updated By:	RDBENDEL
Crossref ID:	1005242
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2011-03-25 14:48:00
Record Updated:	2011-03-25 14:48:00
Updated By:	jbodee
Crossref ID:	1012704
Cross Ref Type Code:	01

CH - WATER ST. - POUGHKEEPSIE MGP (Continued) **S106906509**

Cross Ref Type:	Spill No.
Record Added Date:	2011-03-25 14:49:00
Record Updated:	2011-03-25 14:49:00
Updated By:	jbodee

R74 **LUCKEY PLATT BUILDING** **NY ERP** **S113917249**
ESE **332 - 346 MAIN STREET** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY 12601**
0.408 mi.
2156 ft. **Site 1 of 3 in cluster R**

Relative:
Higher

Actual:
181 ft.

ERP:

Name:	LUCKEY PLATT BUILDING
Address:	332 - 346 MAIN STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601-
Site Code:	57376
Program:	ERP
HW Code:	E314110
Site Class:	N
Class N:	N
SWIS:	1413
Region:	3
Town:	Poughkeepsie (c)
Acres:	0.680
Record Added:	04/14/2004
Record Updated:	04/14/2005
Updated By:	KALEWAND
Site Description:	"Application withdrawn 8/16/04"
Env Problem:	""
Health Problem:	""

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75 **POUGHKEEPSIE NAVINDRES** **FUDS** **1024899294**
SW **N/A**
1/4-1/2 **POUGHKEEPSIE, NY**
0.416 mi.
2198 ft.

Relative:
Lower

Actual:
45 ft.

FUDS:

EPA Region:	2
Installation ID:	NY29799F125400
Congressional District Number:	18
Name:	POUGHKEEPSIE NAVINDRES
FUDS Number:	C02NY0748
City:	POUGHKEEPSIE
State:	NY
County:	DUTCHESS
Object ID:	3621
USACE Division:	NAD
USACE District:	New England District (NAE)
Status:	Properties without projects
Current Owner:	Not reported
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=59182
Eligibility:	Eligible
Has Projects:	No
NPL Status:	Not on the NPL
Property History:	The Naval Industrial Reserve Ordnance Plant was located in the City

POUGHKEEPSIE NAVINDRES (Continued) **1024899294**

of Poughkeepsie, Dutchess County, New York. In the early 1940's, Reconstruction Finance Corporation (RFC) acquired 10.6 acres fee, purchased and installed the machinery necessary for the production of ordnance. RFC designated the site as Plancor 2351. The Plant was used from November 1947 to March 1957 to produce 5 inch, 38 caliber projectiles.

Project Required: No
Feature Description: Not reported
Latitude: 41.70138889
Longitude: -73.94

Q76 **POUGHKEEPSIE GAS WORKS** **EDR MGP** **1008408025**
NW **NORTH WATER STREET** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY 12601**
0.425 mi.
2243 ft. **Site 2 of 2 in cluster Q**

Relative: **Lower**

Actual: **52 ft.**

Manufactured Gas Plants:
No additional information available

S77 **MOBIL OIL** **NY LTANKS** **S100165219**
SSE **SOUTH ROAD** **NY Spills** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY**
0.436 mi.
2300 ft. **Site 1 of 2 in cluster S**

Relative: **Higher**

Actual: **138 ft.**

LTANKS:

Name:	MOBIL OIL
Address:	SOUTH ROAD
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	8602552 / 1986-08-06
Facility ID:	8602552
Site ID:	74633
Spill Date:	1986-07-18
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	Not reported
Cleanup Ceased:	1986-08-06
SWIS:	1446
Investigator:	jeokesso
Referred To:	Not reported
Reported to Dept:	1986-07-18
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1986-08-06
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1986-07-21
Spill Record Last Update:	1986-10-29
Spiller Name:	Not reported

MOBIL OIL (Continued) **S100165219**

Spiller Company:	MOBIL OIL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	70007
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON / / : PBS TO TRACK. / / : 8/6/86-TANK TESTED TIGHT-NFA. 11/29/95: This is additional information about material spilled from the translation of the old spill file: REG AND UNLEADED."
Remarks:	"REG 6000G AND UNLEADED 8000 TTTF"

All TTF:

Facility ID:	Not reported
Spill Number:	8602552
Spill Tank Test:	1530055
Site ID:	74633
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	74633
Operable Unit ID:	899832
Operable Unit:	01
Material ID:	478982
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	IBM : DIESEL
Address:	SOUTH ROAD
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0111236 / 2002-02-26
Facility ID:	0111236
Facility Type:	ER
DER Facility ID:	70007
Site ID:	74631

MOBIL OIL (Continued) **S100165219**

DEC Region:	3
Spill Cause:	Traffic Accident
Spill Class:	C4
SWIS:	1446
Spill Date:	2002-02-26
Investigator:	rxamato
Referred To:	Not reported
Reported to Dept:	2002-02-26
CID:	390
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-02-26
Spill Record Last Update:	2004-08-11
Spiller Name:	Not reported
Spiller Company:	ARNOFF MOVING AND STORAGE
Spiller Address:	1282 DUTCHESS TPKE
Spiller Company:	001
Contact Name:	JEFF MANN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SMITH 02/26/2002 NO SPILL TO ANY WATER WAYS OR STORM DRAINS. MEG HIRED TO DO CLEANUP. WILL CALL MEG FOR UPDATE. MEG UPDATE: SOILS CLEANED UP & DRUMMED FOR DISPOSAL. NO IMPACTS. NO FURTHER ACTION. This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 02/26/02, 'Phone' = - -, 'Site Insp' = N/A. "
Remarks:	"truck was making a delivery and ran over a stump. causing diesel line to fail and spill material - spill is being cleaned up"

All Materials:

Site ID:	74631
Operable Unit ID:	848303
Operable Unit:	01
Material ID:	528825
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	EQUIP.FAILURE : VEH
Address:	SOUTH ROAD
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0303781 / 2003-07-10
Facility ID:	0303781
Facility Type:	ER
DER Facility ID:	70007
Site ID:	74632
DEC Region:	3

MOBIL OIL (Continued) **S100165219**

Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	1446
Spill Date:	2003-07-10
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2003-07-10
CID:	216
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-07-10
Spill Record Last Update:	2004-08-11
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	LT DRAISS
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 07/10/03, 'Phone' = - -, 'Site Insp' = N/A. "
Remarks:	"spill in mall parking lot possible going into a storm drain and int a lake near by wants dec to call him "

All Materials:

Site ID:	74632
Operable Unit ID:	872040
Operable Unit:	01
Material ID:	504639
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

78
SE
1/4-1/2
0.439 mi.
2319 ft.

21 ACADEMY STREET
21 ACADEMY STREET
POUGHKEEPSIE, NY 12601

NY SHWS **S120706233**
N/A

Relative:
Higher

Actual:
179 ft.

SHWS:

Name:	21 ACADEMY STREET
Address:	21 ACADEMY STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program:	HW
Site Code:	535046
Classification:	P

21 ACADEMY STREET (Continued) **S120706233**

Region: 3
Acres: 0.070
HW Code: 314126
Record Add: 10/28/2016
Record Upd: 11/18/2016
Updated By: GWHEITZM
Site Description: "Location: The Site is located in an urban area at 21 Academy Street, City of Poughkeepsie, Dutchess County. The Site is a rectangular-shaped, 0.07-acre parcel, which has 34 feet of frontage on the eastern side of Academy Street. Site Features: The Site currently contains a multi-story, commercial building. The remainder of the Site is composed of paved areas in the eastern portion of the property. The building is currently vacant. Current Zoning and Land Use: The site property is zoned C-2, Central Commercial District and consists of a vacant building that were previously utilized for commercial and residential uses. Past Uses of the Site: The Site was developed sometime prior to 1887 and has a long history of commercial uses, including the operation of a dry cleaning operation. The Site is listed on the RCRIS database as a site formerly handling halogenated solvents (likely due to historical dry cleaning operations). Site Geology and Hydrogeology: Subsurface soils exposed during the extension of soil borings throughout the Site were noted to consist of brown, variable texture sand and silty sand with gravel overlaying light brown and gray, wet, dense silty clay. Historic fill was observed in the 0 to 5 feet below surface grade (bsg) interval under the Site. Generally, soils deeper than 10 feet bsg appeared to be native, undisturbed material. Groundwater encountered during the extension of soil borings throughout the property ranged between 10.5 to 13 feet bsg. Based on information gathered during the Phase II investigation, shallow groundwater flow in the vicinity of the property is inferred to be to the south. There are no surface water bodies, wet areas, or regulated wetlands on the property. "
Env Problem: "Nature and Extent of Contamination: The full nature and extent of contamination on the site has not yet been determined. However, sample results from a terminated brownfield application show elevated levels of chlorinated solvents in the soil vapor and groundwater on the site, specifically tetrachloroethylene is found at a maximum of 12,000 micrograms per cubic meter in the soil vapor and 680 micrograms per liter in the groundwater. This is likely due to the site's historic use as a dry cleaner. "
Health Problem: "As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns."
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E

21 ACADEMY STREET (Continued) **S120706233**

Owner Name:	Jon Behrends
Owner Company:	21 Academy St, LLC
Owner Address:	35 High St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

S79 **POUGHKEEPSIE CITY SCHOOL** **NY LTANKS** **S100494098**
SSE **12 SOUTH TERRY STREET** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY**
0.442 mi.
2333 ft. **Site 2 of 2 in cluster S**

Relative: **Higher**
Actual: **136 ft.**

LTANKS:

Name:	POUGHKEEPSIE CITY SCHOOL
Address:	12 SOUTH TERRY STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	9207723 / 1992-10-09
Facility ID:	9207723
Site ID:	156120
Spill Date:	1992-10-05
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1992-10-09
SWIS:	1446
Investigator:	wxwadswo
Referred To:	Not reported
Reported to Dept:	1992-10-05
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-10-08
Spill Record Last Update:	1992-12-09
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	132142

POUGHKEEPSIE CITY SCHOOL (Continued) **S100494098**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was W. WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST."
Remarks: "WILL EIR HORNER EZ-CHECK"

All TTF:
Facility ID: Not reported
Spill Number: 9207723
Spill Tank Test: 1540667
Site ID: 156120
Tank Number: Not reported
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 156120
Operable Unit ID: 974536
Operable Unit: 01
Material ID: 408349
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

R80 **BASEMENT** **NY LTANKS** **S101341448**
ESE **354 MAIN STREET** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY**
0.445 mi.
2350 ft. **Site 2 of 3 in cluster R**

Relative: **Higher**
Actual: **181 ft.**

LTANKS:
Name: BASEMENT
Address: 354 MAIN STREET
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 9412680 / 1995-01-09
Facility ID: 9412680
Site ID: 203064
Spill Date: 1994-12-21
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: 1995-01-09
SWIS: 1446

BASEMENT (Continued) **S101341448**

Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	1994-12-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	Not reported
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	168895
DEC Memo:	""
Remarks:	"OIL SPILLED IN BASEMENT OF THE STORE AFTER THE TANK STARTED LEAKING"

All Materials:

Site ID:	203064
Operable Unit ID:	1006316
Operable Unit:	01
Material ID:	567104
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

81
ESE
1/4-1/2
0.447 mi.
2361 ft.

CRANNELL SQUARE **NY BROWNFIELDS** **S125298845**
35 CATHARINE STREET **N/A**
POUGHKEEPSIE, NY 12601

Relative:
Higher

Actual:
177 ft.

BROWNFIELDS:

Name:	CRANNELL SQUARE
Address:	35 CATHARINE STREET
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program:	BCP
Site Code:	588792
Acres:	1.109
HW Code:	C314130
SWIS:	1413
Town:	Poughkeepsie (c)
Record Added Date:	05/23/2019
Record Updated Date:	12/27/2021

CRANNELL SQUARE (Continued) **S125298845**

Update By: JEBROWN

Site Description: "Location: The site is located at 35 Catharine Street in the City of Poughkeepsie, Dutchess County, New York, on a 1.109-acre parcel. The site is a portion of tax lot parcel: Section 6162, Block 78, Lot 157094. The site is a rectangular, with approximately 235 feet of frontage on the southern side of Mill Street (Route 44/55 arterial) and approximately 220 feet of frontage on the eastern side of Catharine Street. The site approximately 0.85 miles east of the Hudson River. Site Features: The site is currently being redeveloped into a multi-story apartment complex with a planned parking lot and landscaped areas. A majority of the structure has already been erected. Current Zoning and Land Use: The site is zoned C-2 (Central Commercial District). C-2 zoning allows for multiple dwellings in new structures at urban density (R-6), provided that the first floor is devoted to retail or service use. Currently, the site is used as a municipal parking lot. The surrounding properties are zoned for commercial uses. Past Use of the Site: The site has been used for commercial and residential purposes from as early as 1887 until circa 1960 when all former on-site structures were demolished. Previous uses included: an automotive repair facility, large private garage, warehouse, school, a hotel and multiple dwellings. Notable past commercial uses at adjoining properties and in the surrounding area include manufacturing and automotive repair facilities. The site was developed by the city as a municipal parking lot by 1963. Site Geology and Hydrogeology: Site soils consist of a fill layer extending to 4 feet below ground surface (bgs), overlying brown medium sands to a depth of approximately 10 feet bgs. Soils greater than 10 feet bgs generally consist of native clayey silt. No bedrock was encountered during the investigation of the site, which included borings to a depth of 20 feet bgs. Groundwater depth ranges from 13.3 to 15.4 feet below grade. Groundwater generally flows to the northeast. No waterbodies or wet areas are on the site or in the immediate vicinity of the site. "

Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern included SVOCs and metals in soil, and VOCs in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use. Prior to Completion of Remediation: Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), metals, total petroleum hydrocarbons (TPH), pesticides, and the emerging contaminants per-and-polyfluoroalkyl substances (PFAS) and 1,4-dioxane. Soil vapor samples were analyzed for VOCs. Based on investigations conducted to date, the primary contaminants of concern include metals and polycyclic aromatic hydrocarbons (PAHs) in soil and VOCs in groundwater and soil vapor. Soil: A total of 44 soil samples were collected at 16 locations at depths ranging from 0 to 20 feet below ground surface (bgs). Several SVOCs and metals were identified in soils at concentrations that exceed their restricted residential soil cleanup objectives (RRSCOs) and unrestricted soil cleanup objectives (USCOs) including benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, lead, mercury, and arsenic. The highest concentration of an SVOC encountered was chrysene at a concentration of 7.77 parts per million (ppm) at a depth of 5 feet bgs compared to the RRSCO of 3.9 ppm. The highest concentrations of metals encountered were 3,110 ppm of lead at 3 feet

CRANNELL SQUARE (Continued) **S125298845**

bgs, compared to the RRSCO of 400, 3.94 ppm of mercury at 4 feet bgs compared to the RRSCO of 0.81 ppm, and 32.2 ppm of arsenic at 15 feet bgs compared to the RRSCO of 16. Metal exceedances were generally encountered within the top 5 feet bgs, with some deeper exceedances of arsenic extending up to 20 feet bgs. PFAS were detected in soil samples throughout the site to depths of 20 feet bgs. The greatest concentration of total PFAS encountered in soil was 1.54 parts per billion (ppb) at the 0-5 feet bgs interval. There were no VOCs, PCBs or pesticides detected in site soils. There is no indication that site-related soil contamination extends off-site. Groundwater: Groundwater samples were collected from six monitoring wells located throughout the site. The VOC chloroform was detected in one monitoring well in exceedance of groundwater standards at a concentration of 13 parts per billion (ppb), compared to the groundwater quality standard of 7 ppb; this is a common by-product of chlorination and may be indicative of leaking water lines in the area. The only other VOCs detected in groundwater were at trace levels as follows: carbon tetrachloride in one well at an estimated concentration 0.32 ppb, and trichloroethene (TCE) in one well as an estimated concentration of 0.29 ppb, compared to their groundwater standard of 5 ppb for each. The laboratory reported these concentrations as estimated values because they are detected below the laboratory s contract required quantitation limit and therefore can only be confirmed as present, but not quantified. One SVOC, benzo(b) fluoranthene was detected at 0.01 ppb compared to a standard of 0.002 ppb. For metals, magnesium, manganese, and/or sodium were detected in several overburden wells across the site above their respective groundwater standards, while there was one marginal detection each for cobalt (total 6.7 ppb compared to a standard of 5 ppb), and thallium (total 0.73 ppb compared to a standard of 0.5 ppb). The SVOC and metals are considered to represent typical urban background conditions (associated with presence of historic fill), are naturally occurring, or are due to road salt application. No exceedances were found above the 10 parts per trillion (ppt) screening level for either perfluorooctanoic acid (PFOA) or perfluorooctanesulfonic acid (PFOS). The highest detection of PFOS and PFOA were 9.14 ppt and 6.04 ppt, respectively in one well at the southeast corner of the site. Based on the soil data and the northeasterly groundwater flow direction, and there is no apparent on-site source for PFOA/PFOS in site groundwater. Overall, groundwater quality appears to reflect typical urban background conditions and is likely of similar condition in off-site areas. As such, there is no concern for off-site migration. Soil Vapor: Nine soil vapor samples were collected across the site under the parking lot area. Trace to low level VOC contamination was noted in site soil vapor, with levels up to 5.3 micrograms per cubic meter (ug/m3) of tetrachloroethylene (PCE), 0.67 ug/m3 of trichloroethene (TCE), and 0.51 ug/m3 of carbon tetrachloride. "

Health Problem: "People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by site related contamination. Direct contact with any contaminated soils is not a concern because all soil contamination at the site was removed and replaced with clean fill. In addition, soil vapor intrusion is no longer expected to be a potential concern for on-site or offsite buildings."

Dump: False

Structure: False

CRANNELL SQUARE (Continued) **S125298845**

Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2019-09-16 16:46:00
Record Upd:	2021-11-24 11:25:00
Updated By:	WBBENNET
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The Kearney Realty & Development Group Inc.
Owner Address:	57 Route 6 Suite 207
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Christa Hines
Owner Company:	Crannell Square Housing Development Fund Company, Inc.
Owner Address:	c/o Hudson River Housing, Inc., 313 Mill Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Deborah Weltsch
Owner Company:	Poughkeepsie Public Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	Crannell Square Limited Partnership
Owner Address:	57 Route 6, Suite 207
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Not reported
Owner Company:	Crannell Square Housing Development Fund Company, Inc.
Owner Address:	c/o Hudson River Housing, Inc., 313 Mill Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	Crannell Square Limited Partnership
Owner Address:	57 Route 6, Suite 207
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505

CRANNELL SQUARE (Continued) **S125298845**

Owner Country:	United States of America
HW Code:	C314130
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	chloroform
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	carbon tetrachloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	dibenz[a,h]anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314130
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

CRANNELL SQUARE (Continued) **S125298845**

Crossref ID:	2005039
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2020-09-03 14:24:00
Record Updated:	2020-09-03 14:24:00
Updated By:	MDKILMER
Crossref ID:	C314130-10-19
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2021-09-01 14:25:00
Record Updated:	2021-09-01 14:25:00
Updated By:	MDKILMER
Crossref ID:	10/21/2019
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2021-09-01 14:25:00
Record Updated:	2021-09-16 09:10:00
Updated By:	WBBENNET

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82 South 1/4-1/2 0.448 mi. 2363 ft.

YMCA : BOILER ROOM
35 MONTGOMERY ST
POUGHKEEPSIE, NY

NY LTANKS S106470475
NY Spills N/A

Relative: Higher

Actual: 127 ft.

LTANKS:

Name:	DUTCHESS CTY YMCA
Address:	35 MONTGOMERY ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0410331 / 2006-07-26
Facility ID:	0410331
Site ID:	335385
Spill Date:	2004-12-17
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	1446
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2004-12-17
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-12-20
Spill Record Last Update:	2009-04-28
Spiller Name:	MILO BUYI
Spiller Company:	DUTCHESS CTY YMCA
Spiller Address:	35 MONTGOMERY ST
Spiller County:	001
Spiller Contact:	MILO BUYI
Spiller Phone:	(845) 471-9622
Spiller Extention:	Not reported

YMCA : BOILER ROOM (Continued) **S106470475**

DEC Region: 3
DER Facility ID: 93227
DEC Memo: "ALSO SEE: 951.5213: NFA 12/17/04; REF TO NEW SPILL ; 9909614: NFA REF TO 951.5213 CLOSED 7/26/06 - PER VINNIE MCCABE - SEE FILE NOT A SPILL ISSUE - NFA"
Remarks: "RECOMMEND- UNCOVER, ISOLATE & RETEST"

All TTF:
Facility ID: Not reported
Spill Number: 0410331
Spill Tank Test: 1548418
Site ID: 335385
Tank Number: 1
Tank Size: 5000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 335385
Operable Unit ID: 1097454
Operable Unit: 01
Material ID: 577439
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: YMCA : BOILER ROOM
Address: 35 MONTGOMERY ST
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 0403335 / 2004-07-02
Facility ID: 0403335
Facility Type: ER
DER Facility ID: 93227
Site ID: 105707
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: B4
SWIS: 1446
Spill Date: 2004-06-28
Investigator: VPMCCABE
Referred To: Not reported

YMCA : BOILER ROOM (Continued) **S106470475**

Reported to Dept:	2004-06-28
CID:	405
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-06-28
Spill Record Last Update:	2005-03-14
Spiller Name:	DON STAUSS
Spiller Company:	YMCA
Spiller Address:	35 MONTGOMERY ST
Spiller Company:	001
Contact Name:	DON STAUSS
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 06/28/04, 'Phone' = - -, 'Site Insp' = 7/2/2004. "
Remarks:	"FUEL OIL LEAK ON THE BROILER, HAVE SPEEDY DRY, MAY HAVE GOTTEN IT INTO THE SUB PUMP, HAS BEEN AN ONGOING NIGHTMARE"

All Materials:

Site ID:	105707
Operable Unit ID:	885576
Operable Unit:	01
Material ID:	490923
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	YMCA
Address:	35 MONTGOMERY STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0604719 / 2010-08-24
Facility ID:	0604719
Facility Type:	ER
DER Facility ID:	394213
Site ID:	367750
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B4
SWIS:	1413
Spill Date:	2006-07-26
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2006-07-26
CID:	409
Water Affected:	Not reported

YMCA : BOILER ROOM (Continued) **S106470475**

Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-07-26
Spill Record Last Update:	2010-08-27
Spiller Name:	MILO
Spiller Company:	YMCA
Spiller Address:	35 MONTGOMERY STREET
Spiller Company:	001
Contact Name:	MILO
DEC Memo:	"10,000 GAL UST. CONTAMINATION SOIL ENCOUNTERED WORK IS ONGOING. 7-27-06 16:10 80 DEGREES THUR 17:10 HHH VMc SITE INSPECT MEET W/ KAREN FEELY/MANAGER OPEN EXCAVATION 65X25X10' FREE PROD/WATER HEAVY CONTAMINATED SIDEWALLS ADDITONAL FILL/VENT NOTED BETWEEN TK EXC & BUILD NOTED THAT SHED MUST BE MOVED TO ALLOW FOR ADDITIONAL EXCAVATION & INVESTIGATION OF FILL/VENT NOT ABOVE UPON RETURN: 13 WAT/PROD TANK HAD BEEN PUMP/VAC OUT MEET W/FRANK/IDC & 2 MAN CREW 4/2/07: EcoSystems Strategies submitted a report with a request for closure that was denied - see edocs. Free product was noted in the excavation and a groundwater investigation is required. 8/13/09: Melissa will send letter for support data. JO'M 8/24/10: The YMCA is now closed. The work done by Conklin cannot be documented. This spill is being administratively closed based on the monitoring well results obtained by Ecosystems Strategies. (A monitoring well was installed in the excavated area by Conklin. There were no VOCs or SVOCs detected. The report and the lab results are in edocs.) mm 8-27-10: V.Mc.: See 6 pages of updates, inc. site inspections"
Remarks:	"THIS WAS FOUND DURING TANK REMOVAL AND CLEAN UP IN PROCESS."

All Materials:

Site ID:	367750
Operable Unit ID:	1125654
Operable Unit:	01
Material ID:	2115178
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	YMCA: DRUM
Address:	35 MONTGOMERY STREET
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0508403 / 2005-10-18
Facility ID:	0508403
Facility Type:	ER
DER Facility ID:	301325
Site ID:	353984
DEC Region:	3

YMCA : BOILER ROOM (Continued) **S106470475**

Spill Cause:	Abandoned Drums
Spill Class:	D4
SWIS:	1413
Spill Date:	2005-10-14
Investigator:	RXAMATO
Referred To:	Not reported
Reported to Dept:	2005-10-14
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-10-14
Spill Record Last Update:	2014-03-25
Spiller Name:	KAREN SEELEY
Spiller Company:	YMCA
Spiller Address:	35 MONTGOMERY STREET
Spiller Company:	001
Contact Name:	DISPATCHER SHULTZ
DEC Memo:	"V. McCabe to respond. Spoke to City Fire Inspector Lt. Loni. 55 gallon plastic lined drum on property in rear of building. Unknown reddish colored material in drum - small leak from bung. 10/18/05: R. Amato spoke to YMCA contact, Mr. Melow, who stated the 55 gal. poly drum contains clorine dioxide , which is used for their cooling towers. Bung will be tightened and they will use product next year. Spill closed on 10/18/05. RA. "
Remarks:	"FIRE DEPT WAS RESPONDING TO FLOODING PROBLEM AND THEY CAME ACCROSS A DRUM THAT WAS RUSTED AND LEAKED UNKNOWN WHAT IS IN IT: FIRE DEPT ON SCENE"

All Materials:

Site ID:	353984
Operable Unit ID:	1111423
Operable Unit:	01
Material ID:	2101463
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

R83 **HSBC BANK** **NY LTANKS** **S104073711**
ESE **347 MAIN STREET** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY**
0.450 mi.
2376 ft. **Site 3 of 3 in cluster R**

Relative:
Higher

Actual:
181 ft.

LTANKS:

Name:	MARINE MIDLAND BANK
Address:	347 MAIN MALL
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	8706571 / 1988-03-28
Facility ID:	8706571
Site ID:	158178
Spill Date:	1987-11-03
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D3
Cleanup Ceased:	1988-03-28
SWIS:	1446
Investigator:	jeokesso
Referred To:	Not reported
Reported to Dept:	1987-11-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1988-03-28
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1987-12-04
Spill Record Last Update:	1988-03-28
Spiller Name:	KEN PIERCE
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	133711
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON / / : 11-6-87 - ISOLATED +.092 GPH. FURTHER ACTION UNKNOWN. 03/28/88: TANK FAILED RETEST ON 11-5-87. PRODUCT IS TO BE PUMPED OUT, TANK TO BE RELINED AND RETESTED. N.F.A. J.O'K. "
Remarks:	"5K SYSTEM- -.824 GPH.NO ACTION."

All TTF:

Facility ID:	Not reported
Spill Number:	8706571
Spill Tank Test:	1532147
Site ID:	158178
Tank Number:	Not reported
Tank Size:	0
Material:	0008
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00

HSBC BANK (Continued) **S104073711**

Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 158178
Operable Unit ID: 910296
Operable Unit: 01
Material ID: 465578
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Name: HSBC BANK
Address: 347 MAIN STREET
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 0609170 / 2006-12-13
Facility ID: 0609170
Site ID: 373309
Spill Date: 2006-11-09
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 1413
Investigator: VPMCCABE
Referred To: Not reported
Reported to Dept: 2006-11-09
CID: 444
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2006-11-09
Spill Record Last Update: 2007-07-27
Spiller Name: JASON SMIT
Spiller Company: HSBC BANK
Spiller Address: 347 MAIN STREET
Spiller County: 001
Spiller Contact: JASON SMIT
Spiller Phone: (845) 775-0376
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 323029
DEC Memo: "REGISTERED AS PBS #3-172383 MARINE MIDLAND BANK SK WAS ONLY TANK. REFER TO PBS Based on the information contained in the 12/13/07 Tank

HSBC BANK (Continued) **S104073711**

Closure Report prepared by Smit Environmental Services, no further action is required."
Remarks: "5000 GALLON TANK WAS REMOVED AND SAMPLES SHOWED MINOR CONTAMINATION:"
Not reported

All Materials:
Site ID: 373309
Operable Unit ID: 1131020
Operable Unit: 01
Material ID: 2120709
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

84
SSE
1/4-1/2
0.450 mi.
2377 ft.

PAYLESS/KELLY **NY LTANKS** **S104515301**
63 MONTGOMERY ST **N/A**
POUGHKEEPSIE, NY

Relative:
Higher

Actual:
150 ft.

LTANKS:
Name: PAYLESS/KELLY
Address: 63 MONTGOMERY ST
City,State,Zip: POUGHKEEPSIE, NY
Spill Number/Closed Date: 9813812 / 2001-11-01
Facility ID: 9813812
Site ID: 213401
Spill Date: 1999-02-12
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: B2
Cleanup Ceased: Not reported
SWIS: 1446
Investigator: VPMCCABE
Referred To: Not reported
Reported to Dept: 1999-02-12
CID: 382
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1999-02-12
Spill Record Last Update: 2012-05-15
Spiller Name: YANCY MCARTHUR
Spiller Company: PAYLESS OIL
Spiller Address: 11 SYCAMORE DR
Spiller County: 001
Spiller Contact: WILLIAM KELLY
Spiller Phone: (914) 473-3774

PAYLESS/KELLY (Continued) **S104515301**

Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 176799
DEC Memo: "2/19/99 SEE LETTER TO DCHD. SEE 1-PAGE UPDATE BY V. MCCABE. 11/01/01 SEE 8 PAGES OF UPDATES BY V. MCCABE. NO FURTHER ACTION. "
Remarks: "DELIVERY TO WRONG HOUSE. SPILL WAS ON BASEMENT FLOOR AND CLEANED UP."
Not reported

All Materials:
Site ID: 213401
Operable Unit ID: 1071360
Operable Unit: 01
Material ID: 310519
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: 25.00
Oxygenate: Not reported

T85 **A.C. DUTTON LUMBER CO.** **NY SHWS S101008363**
NNW **1 HOFFMAN ST.** **NY CBS AST N/A**
1/4-1/2 **POUGHKEEPSIE, NY 12601**
0.462 mi.
2438 ft. **Site 1 of 2 in cluster T**

Relative:
Lower

Actual:
52 ft.

SHWS:
Name: A. C. DUTTON LUMBER CORPORATION
Address: 1 HOFFMAN STREET
City,State,Zip: POUGHKEEPSIE, NY 12601
Program: HW
Site Code: 55989
Classification: N
Region: 3
Acres: 15.000
HW Code: 314081
Record Add: 11/18/1999
Record Upd: 12/16/2003
Updated By: kstang
Site Description: "See Site No. C314081"
Env Problem: "See Site No. C314081"
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 3

A.C. DUTTON LUMBER CO. (Continued) **S101008363**

Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	VARIOUS OWNERS DURING USE
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	A.C. Dutton Lumber Corporation
Owner Address:	1 Hoffman Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	VARIOUS OWNERS DURING USE
Owner Address:	1 HOFFMAN ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	POUGHKEEPSIE, NY 12601
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	A.C. Dutton Lumber Corporation
Owner Address:	1 Hoffman Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	Not reported
Owner Company:	VARIOUS OWNERS DURING USE
Owner Address:	1 HOFFMAN ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	POUGHKEEPSIE, NY 12601
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

CBS AST:

CBS Number:	3-000170
ICS Number:	3-300822
PBS Number:	3-175935
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE

A.C. DUTTON LUMBER CO. (Continued) **S101008363**

Facility Type:	I
Telephone:	(845) 454-7000
Facility Town:	POUGHKEEPSIE (C)
Region:	STATE
Expiration Date:	08/09/2003
Total Capacity of All Active Tanks(gal):	102600
Operator:	DONALD DEGARMO
Emergency Contact:	DONALD DEGARMO
Emergency Phone:	(914) 489-7663
Owner Name:	STEPHEN E. MIRON
Owner Address:	260 TITUSVILLE RD.
Owner City,St,Zip:	POUGHKEEPSIE, NY 12603
Owner Telephone:	(845) 462-2000
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	A.C. DUTTON LUMBER CO.
Mail Contact Addr:	260 TITUSVILLE RD.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	STEPHEN E. MIRON
Mail Contact City,St,Zip:	POUGHKEEPSIE, NY 12603
Mail Phone:	(845) 462-2000

Tank Id:	NTP03
CAS Number:	7778394
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	05/85
Tank Closed:	Not reported
Capacity (Gal):	7000
Chemical:	Arsenic acid
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	7
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	07/13/1989
Certified Date:	08/09/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Pipe Flag:	Painted/Asphalt Coating
Leak Detection:	14
Overfill Protection:	35
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1313
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False

A.C. DUTTON LUMBER CO. (Continued) **S101008363**

Date Expired:	07/13/95
Owner Mark:	2
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/30/2001

Tank Id:	NTP02
CAS Number:	7778394
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	05/85
Tank Closed:	Not reported
Capacity (Gal):	25000
Chemical:	Arsenic acid
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	7
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	07/13/1989
Certified Date:	08/09/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Pipe Flag:	Painted/Asphalt Coating
Leak Detection:	14
Overfill Protection:	35
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1313
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/13/95
Owner Mark:	2
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/30/2001

Tank Id:	NTP01
CAS Number:	7778394
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	05/85
Tank Closed:	Not reported

A.C. DUTTON LUMBER CO. (Continued) **S101008363**

Capacity (Gal):	25000
Chemical:	Arsenic acid
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	7
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	07/13/1989
Certified Date:	08/09/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Pipe Flag:	Painted/Asphalt Coating
Leak Detection:	14
Overfill Protection:	35
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1313
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/13/95
Owner Mark:	2
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/30/2001

Tank Id:	OTP03
CAS Number:	7778394
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	01/65
Tank Closed:	Not reported
Capacity (Gal):	12500
Chemical:	Arsenic acid
Tank Location:	Indoors, Aboveground
Tank Type:	Stainless steel alloy
Total Tanks:	7
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	07/13/1989
Certified Date:	08/09/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Jacketed
Pipe Location:	Aboveground

A.C. DUTTON LUMBER CO. (Continued) **S101008363**

Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Pipe Flag:	Wrapped (Piping
Leak Detection:	14
Overfill Protection:	35
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1313
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/13/95
Owner Mark:	2
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/30/2001

Tank Id:	OTP02
CAS Number:	7778394
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	01/65
Tank Closed:	Not reported
Capacity (Gal):	12500
Chemical:	Arsenic acid
Tank Location:	Indoors, Aboveground
Tank Type:	Stainless steel alloy
Total Tanks:	7
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	07/13/1989
Certified Date:	08/09/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Jacketed
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Pipe Flag:	Wrapped (Piping
Leak Detection:	14
Overfill Protection:	35
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1313
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False

A.C. DUTTON LUMBER CO. (Continued) **S101008363**

Delinquent:	False
Date Expired:	07/13/95
Owner Mark:	2
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/30/2001

Tank Id:	OTP04
CAS Number:	7778394
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	01/65
Tank Closed:	Not reported
Capacity (Gal):	5600
Chemical:	Arsenic acid
Tank Location:	Indoors, Aboveground
Tank Type:	Stainless steel alloy
Total Tanks:	7
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	07/13/1989
Certified Date:	08/09/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Jacketed
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Pipe Flag:	Wrapped (Piping
Leak Detection:	14
Overfill Protection:	35
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1313
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/13/95
Owner Mark:	2
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/30/2001

Tank Id:	OTP01
CAS Number:	7778394
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	01/65

A.C. DUTTON LUMBER CO. (Continued) **S101008363**

Tank Closed:	Not reported
Capacity (Gal):	15000
Chemical:	Arsenic acid
Tank Location:	Indoors, Aboveground
Tank Type:	Stainless steel alloy
Total Tanks:	7
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	07/13/1989
Certified Date:	08/09/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Jacketed
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Pipe Flag:	Wrapped (Piping
Leak Detection:	14
Overfill Protection:	35
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1313
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/13/95
Owner Mark:	2
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/30/2001

T86 **A. C. DUTTON LUMBER CORPORATION** **NY DEL SHWS** **S105972506**
NNW **N/A**
1/4-1/2 **POUGHKEEPSIE, NY 12601**
0.464 mi.
2450 ft. **Site 2 of 2 in cluster T**

Relative: DEL SHWS:
Lower

Actual:
50 ft.

Name:	A. C. DUTTON LUMBER CORPORATION
Address:	Not reported
City,State,Zip:	POUGHKEEPSIE, NY 12601
Year:	1996
Site Code Id:	314081
Site Classification:	Not reported
Region:	Not reported
Epa Id Number:	Not reported
Site Type - Dump:	No
Site Type - Structure:	No
Site Type - Lagoon:	No
Site Type - Landfill:	No
Site Type - Treat Pond:	No
Site Size (Acres):	Not reported

A. C. DUTTON LUMBER CORPORATION (Continued) **S105972506**

Site Size Comment:	Not reported
Period Assoc/HW Start:	1966
Period Assoc/HW End:	Present
Lat/Long:	Not reported
Lat/Long Decimal:	Not reported
Lat/Long (dms):	41 42 419.0 / 73 56 170.0
Hazardous Waste Code:	Not reported
Hazard Waste Disposed:	Chromated Copper Arsenate
Quantity:	Unknown (arsenic component D004) Not reported (chromium component D007) Not reported
Air Data Available:	No
SW Std Contravention:	No
GW Std Contravention:	No
Soil Type:	X
Sediment Data Available:	No
GW Std Contravention:	No
DW Std Contravention:	No
SW Std Contravention:	No
Air Stand Contraventions:	No
Legal Action Type:	Not reported
State Legal Action:	No
Federal Legal Action:	No
Enforce Status Code:	Not reported
Remedial Act Proposed:	No
Rem Act Under Design:	No
Rem Act In Progress:	No
Rem Act Completed:	No
Remedial Action Type:	Not reported
Soil Type:	Not reported
Depth To Groundwater:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Phone:	Not reported
Owner Contact Name:	Not reported
Owner During Disposal:	Not reported
Owner During Use:	Various Owners during use
Operator Name:	A.C. Dutton Lumber Corporation
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Phone:	Not reported
Operator Contact Name:	Not reported
Oper During Disposal:	Not reported
Site Type:	Not reported
HW Disposal Period:	Not reported
Analytical Data Available:	Not reported
Applicable Std Exceeded:	Not reported
Geotech Info:	Not reported
Depth To Groundwater:	Not reported
Status:	Not reported
Nature Of Action:	Not reported
Env Prob Assessment:	Possible groundwater and surface water contamination. The contaminantsof concern are arsenic and chromium.
Site Description:	Not reported

A. C. DUTTON LUMBER CORPORATION (Continued) **S105972506**

Confirmed HW:	Not reported
Environment Assesment:	Not reported
Health Assesment:	Not reported
Disposal Start Date:	Not reported
Disposal Term Date:	Not reported
Air Violation:	Not reported
Groundwater Violation:	Not reported
Drink Water Violation:	Not reported
Surface Water Violation:	Not reported
Legal New York State:	Not reported
Legal Federal:	Not reported
Legal State:	Not reported
Remedial Action Active:	Not reported
Remedial Action Done:	Not reported
NPL Status:	Not reported
Count Operator:	Not reported
Count Owner:	Not reported
NYTM X:	Not reported
NYTM Y:	Not reported
Co Name:	Not reported
Co Addr:	Not reported
Operator Addr:	Not reported
Operator Addr 2:	Not reported
Operator Addr 3:	Not reported
Operator Addr 4:	Not reported
HWDP From:	Not reported
From To:	Not reported
Assessment of Health:	Not reported
Description:	Not reported
Record Added Date:	Not reported
Record Updated Date:	Not reported
Env Assessment:	Not reported
HW Disposed/Quantity:	Not reported
Assess/Env Prog:	Not reported
Assess/Health Prob:	Not reported
Site Description:	Not reported

87
SSW
1/4-1/2
0.468 mi.
2471 ft.

GRAY RESIDENCE
72 PINE ST
POUGHKEEPSIE, NY

NY LTANKS **S105055173**
NY Spills **N/A**

Relative:
Lower

Actual:
106 ft.

LTANKS:

Name:	KATUSA
Address:	72 PINE ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0103270 / 2001-07-18
Facility ID:	0103270
Site ID:	154727
Spill Date:	2001-06-24
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1446
Investigator:	VPMCCABE
Referred To:	Not reported

GRAY RESIDENCE (Continued) **S105055173**

Reported to Dept:	2001-06-25
CID:	281
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-06-25
Spill Record Last Update:	2004-08-11
Spiller Name:	Not reported
Spiller Company:	JOE KATUSA-LANDLORD
Spiller Address:	UNKNOWN
Spiller County:	001
Spiller Contact:	HOWARD GONIA
Spiller Phone:	(845) 486-3422
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	131162
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE 07/18/2001 SEE 5 PAGE UPDATE BY V. MCCABE. NO FURTHER ACTION. This spill was updated 08/11/2004 from info in V. McCabe's data files. 'Date:' = 06/25/01, 'Phone' = 6/27/2001, 'Site Insp' = 7/18/2001. "
Remarks:	"TENANT AT ABOVE ADDRESS REPORTED TO HEALTH DEPT THAT OIL TANK IN BASEMENT IS LEAKING. HEALTH DEPT WILL RESPOND TO LOCATION ON 6-26-01 AND INVESTIGATE COMPLAINT. NO FURTHER INFORMATION ON SPILLER (PROPERTY OWNER) AT THIS TIME."

All Materials:

Site ID:	154727
Operable Unit ID:	840024
Operable Unit:	01
Material ID:	535361
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	GRAY RESIDENCE
Address:	72 PINE ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	0905536 / 2009-08-12
Facility ID:	0905536
Facility Type:	ER
DER Facility ID:	131162
Site ID:	417806
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C3

GRAY RESIDENCE (Continued) **S105055173**

SWIS:	1446
Spill Date:	2009-08-12
Investigator:	JPCUMMIN
Referred To:	Not reported
Reported to Dept:	2009-08-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-08-12
Spill Record Last Update:	2009-08-12
Spiller Name:	DAVE WOOD
Spiller Company:	BOTTINI FUEL
Spiller Address:	2785 WEST MAIN ST
Spiller Company:	999
Contact Name:	DAVE WOOD
DEC Memo:	"8-12-09 Cleaned up. jc 8-12-09: V.Mc.site inspect.: Clean up completed using bio-solve type de-greeser. NFA."
Remarks:	"DUE TO AN OVERFILL ABOUT HALF A GALLON SPILLED TO CONCRETE. CLEAN UP WAS DONE."

All Materials:

Site ID:	417806
Operable Unit ID:	1174015
Operable Unit:	01
Material ID:	2166236
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	.50
Oxygenate:	Not reported

U88 **POUGHKEEPSIE CITY OF QUAL KROM** **SEMS-ARCHIVE** **1000274437**
NE **28 ORCHARD PL** **RCRA NonGen / NLR** **NYD071091292**
1/4-1/2 **POUGHKEEPSIE, NY 12601** **NY MANIFEST**
0.473 mi.
2500 ft. **Site 1 of 2 in cluster U**

Relative:
Higher

Actual:
180 ft.

SEMS Archive:

Site ID:	0204040
EPA ID:	NYD071091292
Name:	ORCHARD PLACE (QUAL KROM)
Address:	28 ORCHARD PLACE
Address 2:	Not reported
City,State,Zip:	POUGHKEEPSIE, NY 12601
Cong District:	19
FIPS Code:	36027
FF:	N

POUGHKEEPSIE CITY OF QUAL KROM (Continued) **1000274437**

NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Archive Detail:

Region: 02
Site ID: 0204040
EPA ID: NYD071091292
Site Name: ORCHARD PLACE (QUAL KROM)
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2000-05-05 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0204040
EPA ID: NYD071091292
Site Name: ORCHARD PLACE (QUAL KROM)
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 1996-03-19 05:00:00
Finish Date: 1996-09-10 04:00:00
Qual: S
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204040
EPA ID: NYD071091292
Site Name: ORCHARD PLACE (QUAL KROM)
NPL: N
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1996-04-01 05:00:00
Finish Date: Not reported
Qual: V
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204040
EPA ID: NYD071091292
Site Name: ORCHARD PLACE (QUAL KROM)
NPL: N
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS

POUGHKEEPSIE CITY OF QUAL KROM (Continued) **1000274437**

SEQ:	1
Start Date:	1996-02-12 05:00:00
Finish Date:	1996-02-12 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	POUGHKEEPSIE CITY OF QUAL KROM
Handler Address:	28 ORCHARD PL
Handler City,State,Zip:	POUGHKEEPSIE, NY 12601-1912
EPA ID:	NYD071091292
Contact Name:	Not reported
Contact Address:	PO BOX 300
Contact City,State,Zip:	POUGHKEEPSIE, NY 12602
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R3
Mailing Address:	PO BOX 300
Mailing City,State,Zip:	POUGHKEEPSIE, NY 12602
Owner Name:	CITY OF POUGHKEEPSIE
Owner Type:	Municipal
Operator Name:	CITY OF POUGHKEEPSIE
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

POUGHKEEPSIE CITY OF QUAL KROM (Continued) **1000274437**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F006
Waste Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

POUGHKEEPSIE CITY OF QUAL KROM (Continued) **1000274437**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF POUGHKEEPSIE
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 300 CITY ENGINEER
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12602
Owner/Operator Telephone:	914-451-4109
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF POUGHKEEPSIE
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 300 CITY ENGINEER
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12602
Owner/Operator Telephone:	914-451-4109
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF POUGHKEEPSIE
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 300 CITY ENGINEER
Owner/Operator City,State,Zip:	POUGHKEEPSIE, NY 12602
Owner/Operator Telephone:	914-451-4109
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name:	POUGHKEEPSIE CITY OF QUAL KROM
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name:	POUGHKEEPSIE CITY OF QUAL KROM
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

POUGHKEEPSIE CITY OF QUAL KROM (Continued) **1000274437**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: POUGHKEEPSIE CITY OF QUAL KROM
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19921019
Handler Name: POUGHKEEPSIE CITY OF QUAL KROM
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19970826
Actual Return to Compliance Date: 19970915
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19971001
Enforcement Identifier: 000
Date of Enforcement Action: 19970826
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NY
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

POUGHKEEPSIE CITY OF QUAL KROM (Continued) **1000274437**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYDEC
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

POUGHKEEPSIE CITY OF QUAL KROM (Continued) **1000274437**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19900713
Actual Return to Compliance Date:	19950120
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19970301
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970915
Scheduled Compliance Date:	19971001
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850502
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

POUGHKEEPSIE CITY OF QUAL KROM (Continued) **1000274437**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900607
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYWBY
Evaluation Responsible Sub-Organization:	R3
Actual Return to Compliance Date:	19950120
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NY MANIFEST:

Name:	USEPA REGION II ORCHARD PLACE
Address:	28 ORCHARD PL
City,State,Zip:	POUGHKEEPSIE, NY 12601-1912
Country:	USA
EPA ID:	NYD071091292
Facility Status:	Not reported
Location Address 1:	28 ORCHARD PLACE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE
Location State:	NY
Location Zip:	12601
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD071091292
Mailing Name:	USEPA REGION II ORCHARD PLACE
Mailing Contact:	JEFF BECHTEL
Mailing Address 1:	2890 WOODBRIDGE AVENUE
Mailing Address 2:	Not reported
Mailing City:	EDISON
Mailing State:	NJ
Mailing Zip:	08837
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9085488730

U89 **QUAL KROM SITE** **NY SHWS** **S105589938**
NE **28 ORCHARD PLACE** **NY ERP** **N/A**
1/4-1/2 **POUGHKEEPSIE, NY 12602** **NY Spills**
0.473 mi.
2500 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
180 ft.

SHWS:

Name:	QUAL KROM POUGHKEEPSIE
Address:	28 ORCHARD PLACE
City,State,Zip:	POUGHKEEPSIE, NY 12602
Program:	HW
Site Code:	335223
Classification:	N
Region:	3
Acres:	0.200
HW Code:	314100
Record Add:	11/18/1999
Record Upd:	02/10/2020
Updated By:	GWBURKE
Site Description:	"The site was addressed by the Environmental Restoration Program. See Site #B00036"
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

ERP:

Name:	QUAL KROM SITE
Address:	28 ORCHARD PLACE
City,State,Zip:	POUGHKEEPSIE, NY 12602
Site Code:	58075

QUAL KROM SITE (Continued) **S105589938**

Program:	ERP
HW Code:	B00036
Site Class:	C
Class N:	C
SWIS:	1446
Region:	3
Town:	Poughkeepsie
Acres:	0.200
Record Added:	10/28/2003
Record Updated:	06/16/2015
Updated By:	GWBURKE
Site Description:	"This 0.2 acre site is located in a residential section in the City of Poughkeepsie. The site is bordered by an abandoned railroad grade and residential housing. The facility was operated as a metal plating facility until 1987 by the same PRP that operated the hazardous waste site Qual Krom, ID No. 314013. The City took ownership in 1988 for back taxes. Abandoned drums were found inside and outside the building. Samples were collected in 1989. A partial removal was performed in 1992. The drums and wastes that were in the building were similar to those removed from the outside the building. In 1996 the USEPA conducted a CERCLA removal action. It included stabilization of the building; containerization of the vat sludges, drums, and labpacks; inventorying, sampling and analysis of all materials for waste characterization; and disposal. This site was initially designated a potential Registry site ('P' site) and was then remediated under the Environmental Restoration Program. Asbestos abatement,building demolition and soil removal has been completed. Based upon the fact that soil cleanup numbers for unrestricted residential use were met in the excavation confirmation samples, an Environmental Easement will not be required for the property. "
Env Problem:	"The primary contaminants of concern at the site are metals.The site has been remediated. Asbestos abatement, building demolition and soil removal has been completed. An Environemental Easement will not be required for the property "
Health Problem:	"This site no longer represents a public health concern because metals-contaminated soils were excavated and properly disposed off-site and municipal water serves the area. "

SPILLS:

Name:	DEE DRUM ESCAPADE
Address:	28 ORCHARD ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	8901635 / 1989-07-14
Facility ID:	8901635
Facility Type:	ER
DER Facility ID:	113652
Site ID:	131919
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	1446
Spill Date:	1989-05-18
Investigator:	dxtraver
Referred To:	Not reported
Reported to Dept:	1989-05-18
CID:	Not reported
Water Affected:	Not reported

QUAL KROM SITE (Continued) **S105589938**

Spill Source:	Private Dwelling
Spill Notifier:	Fire Department
Cleanup Ceased:	1989-07-14
Cleanup Meets Std:	True
Last Inspection:	1989-07-14
Recommended Penalty:	True
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-06-07
Spill Record Last Update:	1989-09-21
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DAVE TRAVER 08/21/89: HAZ-MAT ISR SENT TO ALBANY ON 8/21/89. "
Remarks:	"REPORT OF HAZ MAT CHEMICAL OUT OF GARAGE. UNKNOWN CHEMICAL FROM GARAGE AREA ONTO PROPERTY. REFERRED TO DSHW.DEE SAMPLING ON 7/10/89 CAUSED AHAZ-MAT CLEANUP CONTRACTOR TO BE HIRED CASE REOPENED"

All Materials:

Site ID:	131919
Operable Unit ID:	928905
Operable Unit:	01
Material ID:	449367
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

90
NW
1/4-1/2
0.485 mi.
2562 ft.

A C DUTTON LUMBER CORPORATION
1 DUTCHESS AVE
POUGHKEEPSIE, NY 12601

NY ENG CONTROLS **S110748435**
NY INST CONTROL **N/A**
NY BROWNFIELDS
NY MANIFEST

Relative:
Lower

Actual:
8 ft.

ENG CONTROLS:

Name:	A.C. DUTTON GREENWAY CITY
Address:	1 DUTCHESS AVENUE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Site Code:	505421
HW Code:	C314123
Control Code:	15
Control Type:	ENG
Date Record Added:	11/14/2016
Date Rec Updated:	05/27/2020
Updated By:	MHSQUIRE
Site Description:	"Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

	District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-10-29 15:01:00
Record Upd:	2016-12-02 11:11:00
Updated By:	JLVERRIG
Own Op:	1
Sub Type:	NNN
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group-Dutton, LLC
Owner Address:	241 Hudson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Thomas Lawrence
Owner Company:	Adriance Memorial Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Louis Kaufman

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Owner Company:	Dutchess Avenue Riverwalk, LLC
Owner Address:	241 Hudson St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Please Call for an Appointment
Owner Company:	NYSDEC Region 3 Office
Owner Address:	21 S. Putt Corners Road
Owner Addr2:	Not reported
Owner City,St,Zip:	New Paltz, NY 12561
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	C314123-05-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2016-11-02 13:27:00
Record Updated:	2016-11-02 13:27:00
Updated By:	JLVERRIG
Crossref ID:	02-2016-7528
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2016-11-02 13:23:00
Record Updated:	2016-11-02 13:23:00
Updated By:	JLVERRIG

Name:	A.C. DUTTON GREENWAY NORTH TOWN
Address:	1 DUTCHESS AVENUE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Site Code:	505422
HW Code:	C314124
Control Code:	15
Control Type:	ENG
Date Record Added:	12/01/2016
Date Rec Updated:	05/27/2020
Updated By:	LSZINOMA
Site Description:	"Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River.

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

	However, groundwater flow is likely influenced by tides."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-12-11 09:26:00
Record Upd:	2016-12-27 11:30:00
Updated By:	GWHEITZM
Own Op:	1
Sub Type:	NNN
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group-Dutton, LLC
Owner Address:	241 Hudson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Thomas Lawrence
Owner Company:	Adriance Memorial Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Louis Kaufman
Owner Company:	Dutchess Avenue Riverwalk North, LLC
Owner Address:	241 Hudson St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Please Call for an Appointment
Owner Company:	NYSDEC Region 3 Office
Owner Address:	21 S. Putt Corners Road
Owner Addr2:	Not reported
Owner City,St,Zip:	New Paltz, NY 12561
Owner Country:	United States of America
HW Code:	Not reported

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314124-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:28:00
Record Updated: 2016-11-02 13:28:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7527
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

INST CONTROL:
Name: A.C. DUTTON GREENWAY CITY
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505421
Control Name: Monitoring Plan
HW Code: C314123
Control Code: 31
Control Type: INST
Dt record added: 11/14/2016
Dt rec updated: 05/27/2020
Updated By: MHSQUIRE
Site Code: 505421
Site Description: "Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-10-29 15:01:00
Record Upd: 2016-12-02 11:11:00
Updated By: JLVERRIG
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314123-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:27:00
Record Updated: 2016-11-02 13:27:00
Updated By: JLVERRIG

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Crossref ID: 02-2016-7528
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY CITY
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505421
Control Name: IC/EC Plan
HW Code: C314123
Control Code: 34
Control Type: INST
Dt record added: 11/14/2016
Dt rec updated: 05/27/2020
Updated By: MHSQUIRE
Site Code: 505421
Site Description: "Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-10-29 15:01:00
Record Upd: 2016-12-02 11:11:00
Updated By: JLVERRIG
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314123-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:27:00
Record Updated: 2016-11-02 13:27:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7528
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY NORTH TOWN
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Site Code: 505422
Control Name: IC/EC Plan
HW Code: C314124
Control Code: 34
Control Type: INST
Dt record added: 12/01/2016
Dt rec updated: 05/27/2020
Updated By: LSZINOMA
Site Code: 505422
Site Description: "Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-12-11 09:26:00
Record Upd: 2016-12-27 11:30:00
Updated By: GWHEITZM
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk North, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314124-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:28:00
Record Updated: 2016-11-02 13:28:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7527
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY CITY
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505421
Control Name: Soil Management Plan
HW Code: C314123
Control Code: 14
Control Type: INST
Dt record added: 11/14/2016
Dt rec updated: 05/27/2020
Updated By: MHSQUIRE
Site Code: 505421
Site Description: "Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-10-29 15:01:00
Record Upd: 2016-12-02 11:11:00
Updated By: JLVERRIG
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314123-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:27:00
Record Updated: 2016-11-02 13:27:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7528
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY CITY
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505421
Control Name: Environmental Easement
HW Code: C314123
Control Code: J
Control Type: INST
Dt record added: 11/14/2016
Dt rec updated: 05/27/2020
Updated By: MHSQUIRE
Site Code: 505421
Site Description: "Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-10-29 15:01:00
Record Upd: 2016-12-02 11:11:00
Updated By: JLVERRIG
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314123-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:27:00
Record Updated: 2016-11-02 13:27:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7528
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY CITY
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505421
Control Name: Ground Water Use Restriction
HW Code: C314123
Control Code: 08
Control Type: INST
Dt record added: 11/14/2016
Dt rec updated: 05/27/2020
Updated By: MHSQUIRE
Site Code: 505421
Site Description: "Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

	successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-10-29 15:01:00
Record Upd:	2016-12-02 11:11:00
Updated By:	JLVERRIG
Own Op:	1
Sub Type:	NNN
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group-Dutton, LLC
Owner Address:	241 Hudson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Thomas Lawrence
Owner Company:	Adriance Memorial Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Louis Kaufman
Owner Company:	Dutchess Avenue Riverwalk, LLC
Owner Address:	241 Hudson St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Please Call for an Appointment
Owner Company:	NYSDEC Region 3 Office
Owner Address:	21 S. Putt Corners Road
Owner Addr2:	Not reported
Owner City,St,Zip:	New Paltz, NY 12561
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	C314123-05-15

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:27:00
Record Updated: 2016-11-02 13:27:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7528
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY CITY
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505421
Control Name: Site Management Plan
HW Code: C314123
Control Code: 32
Control Type: INST
Dt record added: 11/14/2016
Dt rec updated: 05/27/2020
Updated By: MHSQUIRE
Site Code: 505421
Site Description: "Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump: False
Structure: False

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-10-29 15:01:00
Record Upd: 2016-12-02 11:11:00
Updated By: JLVERRIG
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314123-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:27:00
Record Updated: 2016-11-02 13:27:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7528
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Updated By:	JLVERRIG
Name:	A.C. DUTTON GREENWAY CITY
Address:	1 DUTCHESS AVENUE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Site Code:	505421
Control Name:	Landuse Restriction
HW Code:	C314123
Control Code:	25
Control Type:	INST
Dt record added:	11/14/2016
Dt rec updated:	05/27/2020
Updated By:	MHSQUIRE
Site Code:	505421
Site Description:	"Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-10-29 15:01:00
Record Upd:	2016-12-02 11:11:00
Updated By:	JLVERRIG

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314123-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:27:00
Record Updated: 2016-11-02 13:27:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7528
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY NORTH TOWN
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505422
Control Name: Site Management Plan
HW Code: C314124
Control Code: 32
Control Type: INST

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Dt record added: 12/01/2016
Dt rec updated: 05/27/2020
Updated By: LSZINOMA
Site Code: 505422
Site Description: "Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-12-11 09:26:00
Record Upd: 2016-12-27 11:30:00
Updated By: GWHEITZM
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk North, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314124-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:28:00
Record Updated: 2016-11-02 13:28:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7527
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY NORTH TOWN
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505422
Control Name: Ground Water Use Restriction
HW Code: C314124
Control Code: 08
Control Type: INST
Dt record added: 12/01/2016
Dt rec updated: 05/27/2020
Updated By: LSZINOMA
Site Code: 505422
Site Description: "Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-12-11 09:26:00
Record Upd: 2016-12-27 11:30:00
Updated By: GWHEITZM
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk North, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314124-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:28:00
Record Updated: 2016-11-02 13:28:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7527
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY NORTH TOWN
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505422
Control Name: Soil Management Plan
HW Code: C314124
Control Code: 14
Control Type: INST
Dt record added: 12/01/2016
Dt rec updated: 05/27/2020
Updated By: LSZINOMA
Site Code: 505422
Site Description: "Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

	were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-12-11 09:26:00
Record Upd:	2016-12-27 11:30:00
Updated By:	GWHEITZM
Own Op:	1
Sub Type:	NNN
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group-Dutton, LLC
Owner Address:	241 Hudson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Thomas Lawrence
Owner Company:	Adriance Memorial Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Louis Kaufman
Owner Company:	Dutchess Avenue Riverwalk North, LLC
Owner Address:	241 Hudson St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Please Call for an Appointment
Owner Company:	NYSDEC Region 3 Office
Owner Address:	21 S. Putt Corners Road
Owner Addr2:	Not reported
Owner City,St,Zip:	New Paltz, NY 12561
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Crossref ID: C314124-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:28:00
Record Updated: 2016-11-02 13:28:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7527
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY NORTH TOWN
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505422
Control Name: Environmental Easement
HW Code: C314124
Control Code: J
Control Type: INST
Dt record added: 12/01/2016
Dt rec updated: 05/27/2020
Updated By: LSZINOMA
Site Code: 505422
Site Description: "Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump: False
Structure: False
Lagoon: False

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-12-11 09:26:00
Record Upd: 2016-12-27 11:30:00
Updated By: GWHEITZM
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk North, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314124-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:28:00
Record Updated: 2016-11-02 13:28:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7527
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Name:	A.C. DUTTON GREENWAY NORTH TOWN
Address:	1 DUTCHESS AVENUE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Site Code:	505422
Control Name:	Landuse Restriction
HW Code:	C314124
Control Code:	25
Control Type:	INST
Dt record added:	12/01/2016
Dt rec updated:	05/27/2020
Updated By:	LSZINOMA
Site Code:	505422
Site Description:	"Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-12-11 09:26:00
Record Upd:	2016-12-27 11:30:00
Updated By:	GWHEITZM
Own Op:	1
Sub Type:	NNN
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group-Dutton, LLC

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk North, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314124-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:28:00
Record Updated: 2016-11-02 13:28:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7527
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

Name: A.C. DUTTON GREENWAY NORTH TOWN
Address: 1 DUTCHESS AVENUE
City,State,Zip: POUGHKEEPSIE, NY 12601
Site Code: 505422
Control Name: Monitoring Plan
HW Code: C314124
Control Code: 31
Control Type: INST
Dt record added: 12/01/2016
Dt rec updated: 05/27/2020
Updated By: LSZINOMA
Site Code: 505422

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Site Description: "Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-12-11 09:26:00
Record Upd: 2016-12-27 11:30:00
Updated By: GWHEITZM
Own Op: 1
Sub Type: NNN
Owner Name: Louis Kaufman
Owner Company: The O'Neill Group-Dutton, LLC
Owner Address: 241 Hudson Street
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Thomas Lawrence
Owner Company: Adriance Memorial Library
Owner Address: 93 Market Street
Owner Addr2: Not reported
Owner City,St,Zip: Poughkeepsie, NY 12601
Owner Country: United States of America

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Own Op: 6
Sub Type: P03
Owner Name: Louis Kaufman
Owner Company: Dutchess Avenue Riverwalk North, LLC
Owner Address: 241 Hudson St.
Owner Addr2: Not reported
Owner City,St,Zip: Hackensack, NJ 07601
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Please Call for an Appointment
Owner Company: NYSDEC Region 3 Office
Owner Address: 21 S. Putt Corners Road
Owner Addr2: Not reported
Owner City,St,Zip: New Paltz, NY 12561
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: C314124-05-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2016-11-02 13:28:00
Record Updated: 2016-11-02 13:28:00
Updated By: JLVERRIG
Crossref ID: 02-2016-7527
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2016-11-02 13:23:00
Record Updated: 2016-11-02 13:23:00
Updated By: JLVERRIG

BROWNFIELDS:

Name:	A.C. DUTTON GREENWAY NORTH TOWN
Address:	1 DUTCHESS AVENUE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program:	BCP
Site Code:	505422
Acres:	0.646
HW Code:	C314124
SWIS:	1446
Town:	Poughkeepsie
Record Added Date:	03/13/2015
Record Updated Date:	02/26/2021
Update By:	AMOMOROG
Site Description:	"Location: The A.C. Dutton Greenway North Town Site is located in an urban area in the Town of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is zoned for Waterfront District 2, which allows for active recreation uses and is currently not used. Past Use of the Site: The site property was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

	from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments, anthracite coal, ash, sand, silt and large gravel. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-12-11 09:26:00
Record Upd:	2016-12-27 11:30:00
Updated By:	GWHEITZM
Own Op:	1
Sub Type:	NNN
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group-Dutton, LLC
Owner Address:	241 Hudson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Thomas Lawrence
Owner Company:	Adriance Memorial Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Louis Kaufman
Owner Company:	Dutchess Avenue Riverwalk North, LLC
Owner Address:	241 Hudson St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Please Call for an Appointment

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Owner Company:	NYSDEC Region 3 Office
Owner Address:	21 S. Putt Corners Road
Owner Addr2:	Not reported
Owner City,St,Zip:	New Paltz, NY 12561
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	C314124-05-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2016-11-02 13:28:00
Record Updated:	2016-11-02 13:28:00
Updated By:	JLVERRIG
Crossref ID:	02-2016-7527
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2016-11-02 13:23:00
Record Updated:	2016-11-02 13:23:00
Updated By:	JLVERRIG
Name:	A.C. DUTTON GREENWAY CITY
Address:	1 DUTCHESS AVENUE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program:	BCP
Site Code:	505421
Acres:	1.844
HW Code:	C314123
SWIS:	1413
Town:	Poughkeepsie (c)
Record Added Date:	03/13/2015
Record Updated Date:	02/26/2021
Update By:	AMOMOROG
Site Description:	"Location: The A.C. Dutton Greenway City Site is located in an urban area at 1 Dutchess Avenue, in the City of Poughkeepsie, Dutchess County. The site is adjacent to the Hudson River. Site Features: The site is vacant. There are no buildings, foundations or paved areas on the site. Current Zoning/Use: The site is located in a Waterfront District, which allows for restricted-residential use and is currently vacant. Past Use of the Site: The site was used for industrial purposes from the 1830s to 1995. Prior uses included processing of whale oil, a screw factory, a sash factory, a locomotive factory, a dyewood factory, an iron works plant, and glass works plant. The A.C. Dutton Lumber Company operated a wholesale lumber company on the site from 1966 to 1995. Site Geology and Hydrogeology: The site consists of historic fill composed of solidified kiln ash, which includes sand and gravel, demolition debris, bricks and cinder block fragments. Native material, consisting of light brown silty sand, was encountered at approximately 5 feet below the surface. Depth to groundwater at the site is approximately 4 to 6 feet below ground surface and is assumed to flow to the west toward the Hudson River. However, groundwater flow is likely influenced by tides."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

	successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"A two-foot cover of clean soil is present at the site. People will not come into contact with contaminated soils unless they dig below the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes. The area is served by a public water supply that is not affected by this contamination."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-10-29 15:01:00
Record Upd:	2016-12-02 11:11:00
Updated By:	JLVERRIG
Own Op:	1
Sub Type:	NNN
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group-Dutton, LLC
Owner Address:	241 Hudson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Thomas Lawrence
Owner Company:	Adriance Memorial Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Louis Kaufman
Owner Company:	Dutchess Avenue Riverwalk, LLC
Owner Address:	241 Hudson St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Please Call for an Appointment
Owner Company:	NYSDEC Region 3 Office
Owner Address:	21 S. Putt Corners Road
Owner Addr2:	Not reported
Owner City,St,Zip:	New Paltz, NY 12561
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	C314123-05-15

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2016-11-02 13:27:00
Record Updated:	2016-11-02 13:27:00
Updated By:	JLVERRIG
Crossref ID:	02-2016-7528
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2016-11-02 13:23:00
Record Updated:	2016-11-02 13:23:00
Updated By:	JLVERRIG
Name:	OFF-SITE FORMER A.C. DUTTON LUMBER YARD
Address:	1 DUTCHESS AVENUE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program:	BCP
Site Code:	414652
Acres:	47.770
HW Code:	C314081A
SWIS:	1413
Town:	Poughkeepsie (c)
Record Added Date:	06/03/2009
Record Updated Date:	06/15/2021
Update By:	AMOMOROG
Site Description:	"Location: The Former A.C. Dutton Lumber Yard Off-Site areas include areas which are not part of the Former A.C. Dutton Lumber Yard Brownfield Cleanup Program (BCP) site (C314081), but which had potentially been impacted by contaminants from the Former A.C. Dutton Lumber Yard. The Former A.C. Dutton Lumber Yard is located on the Hudson River in both the City of Poughkeepsie and the Town of Poughkeepsie, Dutchess County. Areas investigated as part of the off-site work include the Hudson River, the adjacent Vassar Boathouse property (north) and an area located in the Town of LaGrange, Dutchess County, at the intersection of Titusville Road and Daley Road, which may have received fill from the Former A.C. Dutton Lumber Yard site. Site Features: The Hudson River is a Class A waterbody. The Vassar Boathouse property is currently occupied by a boathouse and boat launch. The Titusville Road property is occupied by a fitness center, parking areas and a warehouse. Most of the strip of land along the west edge of the BCP site is paved. Current Zoning and Land Use: The Vassar Boathouse property is zoned as waterfront/institutional and is currently used for recreational purposes. The area surrounding the Former A.C. Dutton Lumber Yard site and the Vassar Boathouse is utilized for industrial, commercial and residential purposes. The Titusville Road property is zoned as commercial/general business and is used for commercial and industrial purposes. The area surrounding the Titusville Road property is predominantly residential. Past Use of the Site: The Former A.C. Dutton Lumber Yard site was historically used for several industrial operations, including pressure treating lumber and has been impacted by the previous manufacturing processes. From 1966 until approximately 1999, the site was used to pressure treat lumber using chromated copper arsenate (CCA). The Vassar Boathouse property was formerly owned and utilized by the A.C. Dutton company. The Titusville Road property was formerly owned and operated by a former owner of the A.C. Dutton Lumber Yard and reportedly received fill from the A.C. Dutton property. Site Geology and Hydrogeology: Much of

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

	the Former A.C. Dutton BCP site and Vassar Boathouse property were created by filling in the Hudson River historically to extend the shoreline westward. The fill material present at the BCP site is comprised of kiln slag from the glass works, demolition debris (which includes bricks and cinder block fragments), large fragments of anthracite coal, ash, sand, silt and gravel. Native soils, where present below the fill and above bedrock, consists of light brown silty sand. The geology of the Vassar Boathouse property consists of fill material (topsoil and gravel) over bedrock, which was encountered at depths ranging from 2 to 15 feet below ground surface (bgs). The Vassar Boathouse property topography rises steeply approximately 10 to 15 feet along its eastern edge. Groundwater was encountered at the Vassar Boathouse property at approximately 5 feet bgs. Groundwater flow at the Vassar Boathouse property is generally towards the river and is assumed to be tidally-influenced. The Hudson River bank (channel wall) drops steeply from the shore in this area and quickly reaches the channel floor, which is present at depths of approximately 40-50 feet. The geology of the Titusville Road properties consists of topsoil and gravel over glacial till (silt, clay and sand). Bedrock was encountered at a depth ranging from 7 to 18 feet bgs. Groundwater depth at the Titusville Road properties was encountered at approximately 7 feet bgs. Groundwater flows east/southeast on the northern parcel and to the south/southeast on the southern parcel. "
Env Problem:	"The primary contaminants of concern at the site were those associated with the adjacent Former A.C. Dutton Lumber Yard (site C314081)including arsenic, chromium and copper. Site investigation conducted to determine the nature and extent of site contamination revealed that no contaminant of concern were detected above standards or guidance value or the detections were within background values. Based on the investigation results, the NYSDEC concludes that the site have not been impacted by the Former A.C. Dutton Lumber Yard Site. Further, the NYSDEC concludes the site does not pose a significant threat to the environment and no further actions are required. "
Health Problem:	"Users of the Vassar Boathouse and Titusville Road properties could contact contaminants in the soil by walking on the site, digging or otherwise disturbing the soil. People using the Hudson River for recreational activities adjacent to the A.C. Dutton Lumber Yard site are not expected to come in contact with contaminants that are present in deep water sediment."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	NNN
Owner Name:	Elizabeth A.S. Eismeier
Owner Company:	Vassar College

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Owner Address:	Vassar College Box 2
Owner Addr2:	124 Raymond Avenue
Owner City,St,Zip:	Poughkeepsie, NY 12604-0002
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Neil Rube
Owner Company:	Poughkeepsie CSC, LLC
Owner Address:	Raymour & Flanigan Furniture
Owner Addr2:	7248 Morgan Road
Owner City,St,Zip:	Liverpool, NY 13088
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Name:	FORMER A.C. DUTTON LUMBER YARD
Address:	1 DUTCHESS AVENUE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Program:	BCP
Site Code:	59160
Acres:	11.840
HW Code:	C314081
SWIS:	1413
Town:	Poughkeepsie (c)
Record Added Date:	09/22/2004
Record Updated Date:	12/07/2021
Update By:	AMOMOROG
Site Description:	"Location: The Former A.C. Dutton Lumber Yard site is located in an urban area at 1 Dutchess Avenue in both the City of Poughkeepsie and the Town of Poughkeepsie, Dutchess County. It is comprised of approximately 11.8 acres of land located on the east bank of the Hudson River. The site does not include a strip of land along the shoreline, which was part of the former lumber yard. This strip was excluded from the Brownfield Cleanup Program site by an amendment to the Brownfield Cleanup Agreement dated February 4, 2011. Site Features: Several abandoned buildings associated with the former industrial operations were demolished in 2010 and 2012. The site is crossed from east to west by Kidney Creek, which is a culverted stream located approximately along the City/Town border. Current Zoning and Land Use: The site is currently under construction for apartments, and is zoned waterfront, which allows for restricted-residential use. The surrounding parcels are used for a combination of industrial, commercial, recreational and residential purposes. Past Use of the Site: From 1966 until approximately 1999, the site was used to pressure treat lumber using chromated copper arsenate (CCA). Prior to 1966 the site was used for several industrial purposes, including a glass factory, an iron works, and several others, dating back to at least the mid-1800s. Several petroleum and hazardous substance storage tanks were used in the past

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

	on the property. Site Geology and Hydrogeology: Much of the site was created by filling in the Hudson River to extend the shoreline westward. The fill material is comprised of kiln slag from the glass works, demolition debris (which includes bricks and cinder block fragments), large fragments of anthracite coal, ash, sand, silt and gravel. Native material, consisting of light brown, silty sand, was rarely encountered in the eastern and central portions of the site, but near the river was encountered at approximately 5 feet below the surface. The site topography rises steeply approximately 10 to 20 feet along its eastern edge. There are bedrock cliffs along the southeastern edge of the site. The Hudson River is tidal in this area. Groundwater flow at the site is generally towards the river and is tidally-influenced."
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were arsenic, chromium and copper in soil. Remedial actions have successfully achieved soil cleanup objectives for restricted-residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Measures are in place to prevent exposures to remaining contamination in on-site groundwater and soil."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	41:42'72.6 / 73:56'39.3
Dell:	False
Record Add:	2004-09-22 11:20:00
Record Upd:	2012-10-18 14:09:00
Updated By:	ldennist
Own Op:	6
Sub Type:	P03
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group-Dutton, LLC
Owner Address:	241 Hudson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Adriance Memorial Library
Owner Address:	93 Market Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Poughkeepsie, NY 12601
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Please call for an appointment
Owner Company:	NYSDEC Region 3
Owner Address:	21 South Putt Corners Road
Owner Addr2:	Not reported
Owner City,St,Zip:	New Paltz, NY 12561
Owner Country:	United States of America

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Own Op:	1
Sub Type:	P03
Owner Name:	Louis Kaufman
Owner Company:	The O'Neill Group - Dutton, LLC
Owner Address:	241 Hudson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Hackensack, NJ 07601
Owner Country:	United States of America
HW Code:	C314081
Waste Type:	UNKNOWN PETROLEUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314081
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314081
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314081
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314081
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C314081
Waste Type:	Petroleum Products
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	3-000170
Cross Ref Type Code:	17
Cross Ref Type:	CBS No.
Record Added Date:	2011-02-10 11:19:00
Record Updated:	2011-02-10 11:19:00
Updated By:	ELMOORE
Crossref ID:	W3-1066-05-05
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2014-12-12 14:49:00
Record Updated:	2014-12-12 14:49:00
Updated By:	JLVERRIG
Crossref ID:	02 2014 7048
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2014-11-25 15:19:00
Record Updated:	2014-11-25 15:19:00
Updated By:	JXCANDIL
Crossref ID:	3-175935
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2011-01-05 17:04:00
Record Updated:	2011-01-05 17:04:00
Updated By:	JPCUMMIN

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

NY MANIFEST:

Name:	A C DUTTON LUMBER CORPORATION
Address:	1 DUTCHESS AVE
City,State,Zip:	POUGHKEEPSIE, NY 12601
Country:	USA
EPA ID:	NYD006993711
Facility Status:	Not reported
Location Address 1:	1 DUTCHESS AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	POUGHKEEPSIE
Location State:	NY
Location Zip:	12601
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD006993711
Mailing Name:	A C DUTTON LUMBER CORPORATION
Mailing Contact:	LOU KAUFMAN
Mailing Address 1:	241 HUDSON ST
Mailing Address 2:	Not reported
Mailing City:	HACKENSACK
Mailing State:	NJ
Mailing Zip:	07601
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2014884455

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	MIT270012321
Trans2 State ID:	Not reported
Generator Ship Date:	10/13/2011
Trans1 Recv Date:	10/13/2011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/13/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD006993711
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD082785429
TSDF ID 2:	Not reported
Manifest Tracking Number:	004984635FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

A C DUTTON LUMBER CORPORATION (Continued) **S110748435**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2900
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D002
Waste Code 1_2:	D004
Waste Code 1_3:	D007
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

91
East
1/4-1/2
0.497 mi.
2626 ft.

CATHERINE ST COMM CTR.: 2K UST **NY LTANKS S111836499**
69 CATHERINE ST **NY Spills N/A**
POUGHKEEPSIE, NY

Relative:
Higher

Actual:
168 ft.

LTANKS:

Name:	CATHERINE ST COMM CTR.: 2K UST
Address:	69 CATHERINE ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1200540 / 2013-12-09
Facility ID:	1200540
Site ID:	463172
Spill Date:	2012-04-18
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	D3
Cleanup Ceased:	Not reported
SWIS:	1413
Investigator:	ELMOORE
Referred To:	Not reported
Reported to Dept:	2012-04-18
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	2012-05-01
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2012-04-18
Spill Record Last Update:	2015-03-24
Spiller Name:	SHIRLEY ADAMS
Spiller Company:	CATHERINE ST COMM CTR
Spiller Address:	69 CATHERINE ST
Spiller County:	999

CATHERINE ST COMM CTR.: 2K UST (Continued) **S111836499**

Spiller Contact:	SHIRLEY ADAMS
Spiller Phone:	845 473-2272
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	417588
DEC Memo:	"4/18/12- Spoke to Morris Morgan of US Tank Tech. PBS No. 3-601648. suspect piping failure. Visible damage to fill pipe. US Tank Tech has proposed to uncover and check fittings prior to retest. DT 4/20/2012: Called Cath.St.Com.CTR. Rep says that EnviroClean will excavate the tank and the boiler will be converted to natural gas. ELM 8/24/12: EnviroClean removed the 2K tank. Jackie Trosclair reports the UST did not appear to be leaking. Field screening showed no indication of contamination. However laboratory results came back showing low level SVOC contamination. EnviroClean reported Spill 1205267. jod 12/31/12: from the other spill file: 8/24/12: UST previously failed a tank test, Spill 1200540. I spoke with Jackie Trosclair/EnviroClean. This was a removal of a 2K UST. Tank did not appear to be leaking and field screening was negative for contamination. However soil sample results came back showing low level SVOC contamination level. Jackie states this area is historical fill material. She states there is a lot of ash, bricks, broken glass, and other trash in the fill. jod 4-8-13: V.Mc.: See 1 page update, inc. site inspection of , noting: *)5-1-12: Meet with Shirley Adams/Exc.Dir. UST removal expected to start in the next couple of weeks. UST orig. to building, 1979 construction, first time UST failed testing. *) 8-27-12: V.Mc. call to Jackie/EnviroCl.: Confirm same UST removal as 120-5267/NFA. *) 4-4-13: V.Mc. & M.M. at EnviroClean, meet with J.Jorden. Work completed, payment ongoing, report pending. *) 4-8-13: NOTE: 120-5267, NFA.8-24-12. THERE IS NO REASON FOR THIS SPILL TO REMAIN OPEN. THE TANK WAS REMOVED AND THAT SPILL FILE WAS CLOSED. elm"
Remarks:	"retest pending"

All Materials:

Site ID:	463172
Operable Unit ID:	1213271
Operable Unit:	01
Material ID:	2211194
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

SPILLS:

Name:	CATHERINE ST COMM CTR.: 2K UST
Address:	69 CATHERINE ST
City,State,Zip:	POUGHKEEPSIE, NY
Spill Number/Closed Date:	1205267 / 2012-08-24
Facility ID:	1205267
Facility Type:	ER
DER Facility ID:	417588
Site ID:	468193
DEC Region:	3

CATHERINE ST COMM CTR.: 2K UST (Continued) **S111836499**

Spill Cause:	Unknown
Spill Class:	C3
SWIS:	1413
Spill Date:	2012-08-24
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2012-08-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-08-24
Spill Record Last Update:	2015-03-24
Spiller Name:	ADAM SHEU
Spiller Company:	CATHERINE ST COMM CTR
Spiller Address:	69 CATHERINE ST
Spiller Company:	999
Contact Name:	ADAM SHEU
DEC Memo:	"8/24/12: UST previously failed a tank test, Spill 1200540. I spoke with Jackie Trosclair/EnviroClean. This was a removal of a 2K UST. Tank did not appear to be leaking and field screening was negative for contamination. However soil sample results came back showing low level SVOC contamination level. Jackie states this area is historical fill material. She states there is a lot of ash, bricks, broken glass, and other trash in the fill. jod 8-27-12: V.Mc. call to Jackie/EnviroCl.: Confirm same UST removal as 120-0540. NFA"
Remarks:	"trash deposits found in testing"

All Materials:

Site ID:	468193
Operable Unit ID:	1218124
Operable Unit:	01
Material ID:	2216492
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Count: 13 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HIGHLAND	S126022569	BARNES	SOUTH OF WOODS RD. AND EAST OF		NY SWF/LF
POUGHKEEPSIE	S127816077	IBM C&D LANDFILL (POUGH)	BOX 950 SOUTH ROAD	0	NY SWF/LF
POUGHKEEPSIE	1003863953	VANDEWATER PROP	DUTCHESS TKP-NORTH OF 44 PLAZA	12603	SEMS-ARCHIVE
POUGHKEEPSIE	S108146281	CHG&E, POUGHKEEPSIE-LAUREL ST.	LAUREL STREET	12601	NY HSWDS
POUGHKEEPSIE	1003863833	CHG&E - LAUREL STREET FORMER MGP S	LAUREL ST & RTE 9 N	12601	SEMS-ARCHIVE, RCRA-VSQG, NY MANIFEST
POUGHKEEPSIE	S113916839	CH - POUGHKEEPSIE MGP LAUREL STREE	LAUREL STREET	12601	NY SHWS
POUGHKEEPSIE	S104323915	CH - LAUREL ST. - POUGHKEEPSIE MGP	LAUREL STREET	12601	NY VCP
POUGHKEEPSIE	S126023162	IBM C&D LANDFILL	SOUTH OF RIVERCREST CT.		NY SWF/LF
POUGHKEEPSIE	S113916842	VASSAR COLLEGE	VASSAR COLLEGE	12601	NY SHWS
POUGHKEEPSIE	S108146280	CHG&E, POUGHKEEPSIE GAS WORKS	NORTH WATER STREET	12601	NY HSWDS
POUGHKEEPSIE	S105972469	BERNCOLORS DYE CO.	NORTH WATER STREET	12601	NY SHWS
POUGHKEEPSIE	1003863969	CENTRAL HUDSON G & E CORP	NORTH WATER ST	12601	SEMS-ARCHIVE
POUGHKEEPSIE	S113916841	CH - POUGHKEEPSIE MGP-WATER STREET	NORTH WATER STREET	12601	NY SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/01/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 9

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/01/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/28/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 01/31/2022
Date Data Arrived at EDR: 01/31/2022
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 3

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/09/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 75
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 12/13/2021
Date Made Active in Reports: 03/02/2022
Number of Days to Update: 79
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 12/13/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

ENV RES DECL: Environmental Restrictive Declarations
The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 76
Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/08/2021
Date Made Active in Reports: 01/06/2022
Number of Days to Update: 29

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 03/09/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/28/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 03/01/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 84
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 01/31/2022
Date Data Arrived at EDR: 01/31/2022
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 3

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/18/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/04/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/27/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/14/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/02/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/14/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 85
Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/04/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 95
Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 01/31/2022
Date Data Arrived at EDR: 02/01/2022
Date Made Active in Reports: 02/10/2022
Number of Days to Update: 9

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/23/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 12/10/2021
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 81

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/07/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/17/2021
Date Made Active in Reports: 12/30/2021
Number of Days to Update: 13

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 06/27/2022
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/21/2021
Number of Days to Update: 81

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/11/2020
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 03/07/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/04/2022
Number of Days to Update: 80

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 120

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 03/01/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/11/2021
Date Made Active in Reports: 01/05/2022
Number of Days to Update: 86

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 01/12/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 0

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 02/04/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 11/02/2021
Date Data Arrived at EDR: 11/03/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 82

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 02/02/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 02/25/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 02/25/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database

This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/04/2022
Number of Days to Update: 78

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/04/2022
Number of Days to Update: 78

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

135 MAIN STREET
135 MAIN STREET
POUGHKEEPSIE, NY 12601

TARGET PROPERTY COORDINATES

Latitude (North):	41.705876 - 41ˆ 42’ 21.15’’
Longitude (West):	73.933441 - 73ˆ 56’ 0.39’’
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588738.5
UTM Y (Meters):	4617457.5
Elevation:	116 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14123669 POUGHKEEPSIE, NY
Version Date:	2019

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

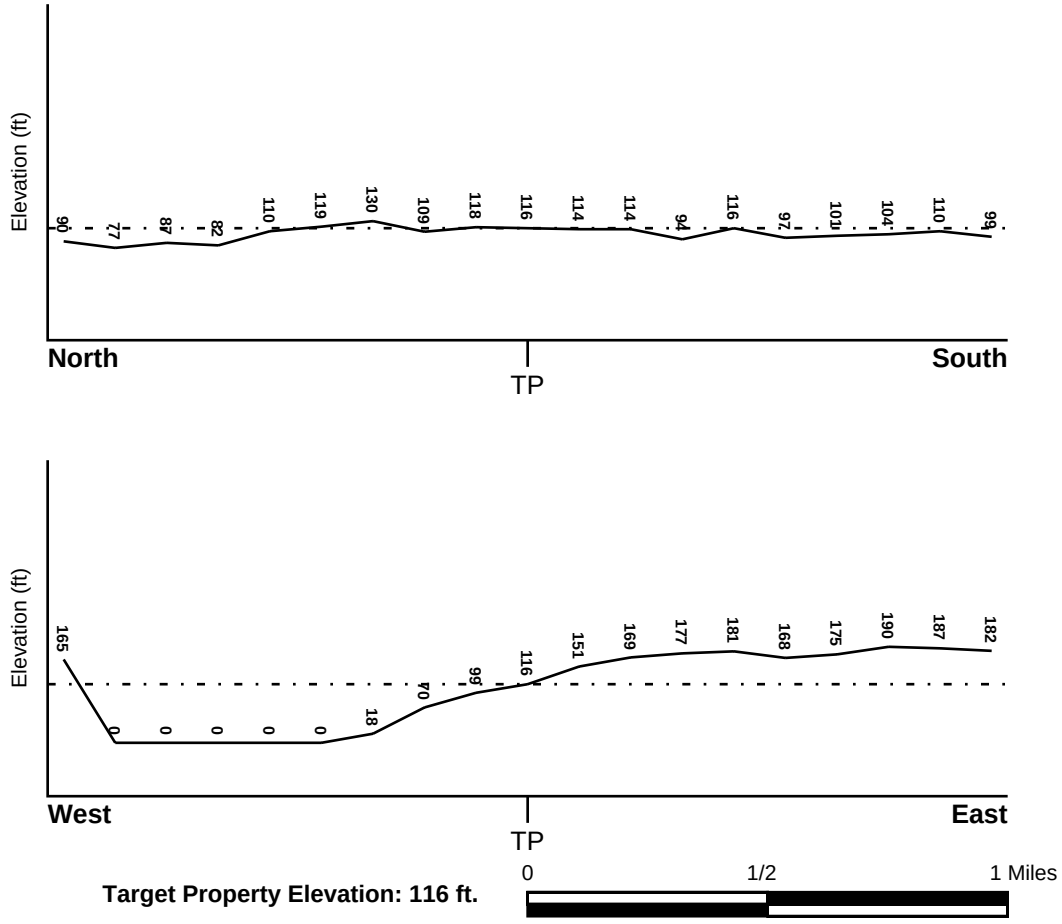
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 116 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
36027C0358E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
36027C0356E	FEMA FIRM Flood data
36111C0780E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
POUGHKEEPSIE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

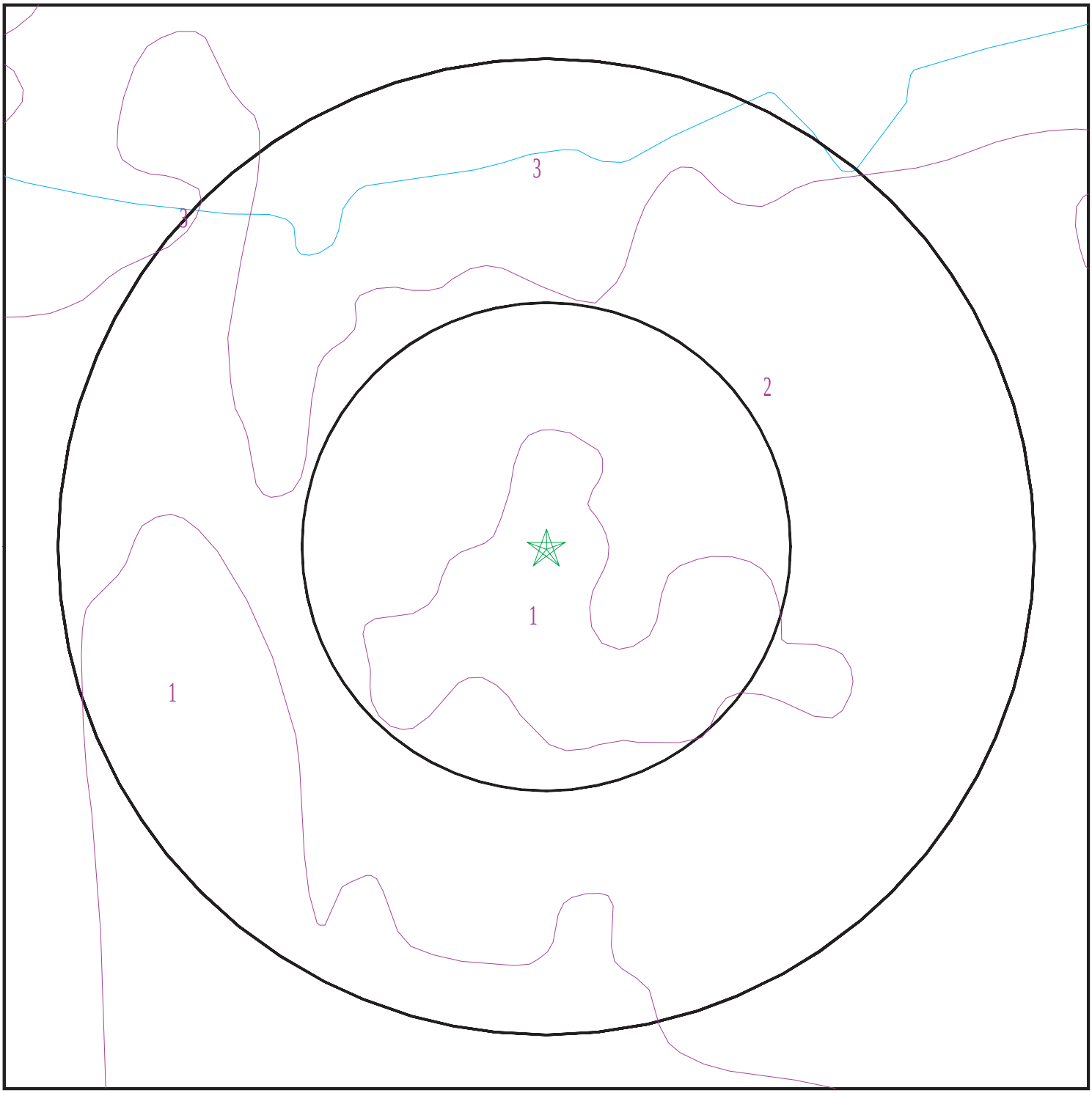
Era:	Paleozoic
System:	Ordovician
Series:	Middle Ordovician (Mohawkian)
Code:	O2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6901589.2s



SITE NAME:	135 Main Street	CLIENT:	Hillmann Environmental Co.
ADDRESS:	135 Main Street Poughkeepsie NY 12601	CONTACT:	Joanne Bedkowski
		INQUIRY #:	6901589.2s
LAT/LONG:	41.705876 / 73.933441	DATE:	March 16, 2022 4:42 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Udorthents

Soil Surface Texture: gravelly loam

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 0.42	Max: 8.4 Min: 4.5
2	3 inches	70 inches	very gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 0.42	Max: 8.4 Min: 4.5

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Dutchess

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 6.5 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	27 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 6.5 Min: 5.1
3	27 inches	85 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 6.5 Min: 5.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000846876	1/4 - 1/2 Mile SE
A2	USGS40000846877	1/4 - 1/2 Mile SE
5	USGS40000846728	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	NY0002120	1/2 - 1 Mile ESE

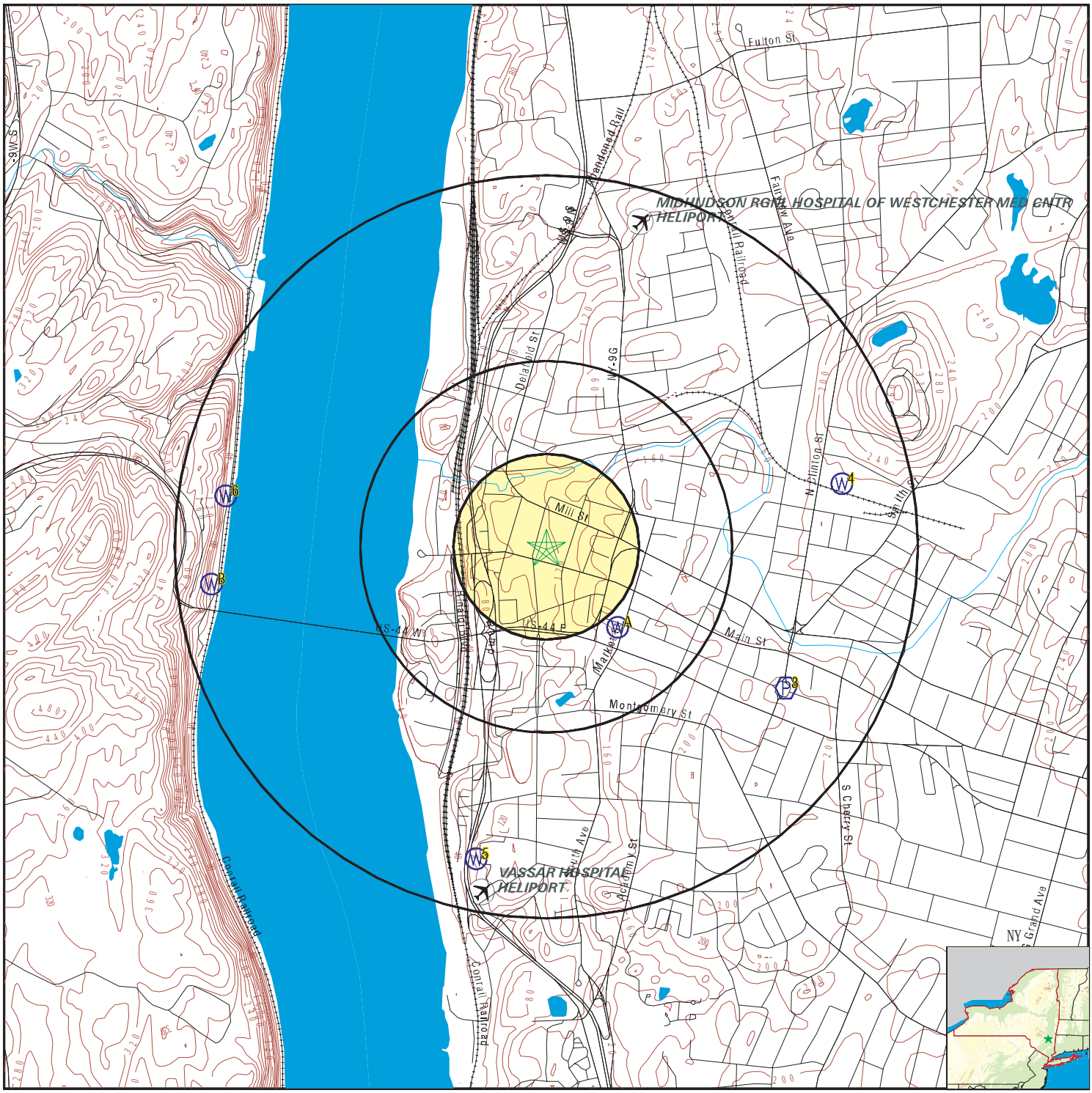
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	NYWS40000032086	1/2 - 1 Mile ENE
6	NYWS40000109636	1/2 - 1 Mile West
B7	NYWS40000110040	1/2 - 1 Mile West
B8	NYWS40000112336	1/2 - 1 Mile West
B9	NYWS40000112345	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 6901589.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	135 Main Street	CLIENT:	Hillmann Environmental Co.
ADDRESS:	135 Main Street Poughkeepsie NY 12601	CONTACT:	Joanne Bedkowski
LAT/LONG:	41.705876 / 73.933441	INQUIRY #:	6901589.2s
		DATE:	March 16, 2022 4:42 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000846876**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	DU 417	Type:	Well
Description:	Not Reported	HUC:	02020008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Ordovician System
Aquifer Type:	Not Reported	Construction Date:	1900
Well Depth:	826	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

A2
SE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000846877**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	DU 439	Type:	Well
Description:	Not Reported	HUC:	02020008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Ordovician System
Aquifer Type:	Not Reported	Construction Date:	1900
Well Depth:	1200	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

3
ESE
1/2 - 1 Mile
Higher | **FRDS PWS** | **NY0002120**

PWS ID:	NY0002120	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	NY0002120
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000150
System name:	MAPLE LANE TRAILER PARK	System address:	Not Reported
System address:	608 SOUTH ROAD	System city:	POUGHKEEPSIE
System state:	NY	System zip:	12600
County FIPS:	027	City served:	POUGHKEEPSIE
Population served:	101 - 500 Persons	Treatment:	Treated
Latitude:	414201	Longitude:	0735517

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

4
ENE
1/2 - 1 Mile
Higher

NY WELLS **NYWS40000032086**

DEC Well #:	DU9271	Well Depth (ft):	290
Bedrock Depth (ft):	95	Groundwater Depth (ft):	0
Casing Depth (ft):	Not Reported	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	112	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	9
Well Purpose:	Domestic	Driller Registration #:	NYRD10105

5
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000846728**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	DU 749	Type:	Well
Description:	Not Reported	HUC:	02020008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Ordovician System
Aquifer Type:	Not Reported	Construction Date:	1900
Well Depth:	290	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

6
West
1/2 - 1 Mile
Lower

NY WELLS **NYWS40000109636**

DEC Well #:	U4095	Well Depth (ft):	183
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	20
Casing Depth (ft):	Not Reported	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	25
Well Purpose:	Domestic	Driller Registration #:	NYRD10063

B7
West
1/2 - 1 Mile
Lower

NY WELLS **NYWS40000110040**

DEC Well #:	U4536	Well Depth (ft):	143
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	30
Casing Depth (ft):	Not Reported	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	45
Well Purpose:	Domestic	Driller Registration #:	NYRD10063

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
NY WELLS	NYWS40000112336

B8
West
1/2 - 1 Mile
Lower

DEC Well #:	U7934	Well Depth (ft):	155
Bedrock Depth (ft):	8	Groundwater Depth (ft):	36
Casing Depth (ft):	Not Reported	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	21	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	30
Well Purpose:	Domestic	Driller Registration #:	NYRD01695

Database	EDR ID Number
NY WELLS	NYWS40000112345

B9
West
1/2 - 1 Mile
Lower

DEC Well #:	U7943	Well Depth (ft):	155
Bedrock Depth (ft):	7	Groundwater Depth (ft):	12
Casing Depth (ft):	Not Reported	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	21	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	30
Well Purpose:	Domestic	Driller Registration #:	NYRD10063

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
DUTCHESS	FISHKILL	129	4.88	2.87	31.3
DUTCHESS	HYDE PARK	215	6.22	4.29	33.3
DUTCHESS	LA GRANGE	231	8.59	4.84	135.2
DUTCHESS	MILAN	18	7.69	5.14	29.1
DUTCHESS	NORTHEAST	16	9.1	4.91	30.2
DUTCHESS	PAWLING	67	4.58	2.95	27.8
DUTCHESS	PINE PLAINS	40	16.05	8.57	69.1
DUTCHESS	PLEASANT VALLEY	131	9.07	5.59	36.6
DUTCHESS	POUGHKEEPSIE	1,078	5.51	3.42	96.4
DUTCHESS	RED HOOK	133	7.57	4.03	120.9
DUTCHESS	RHINEBECK	123	6.55	4.38	34.9
DUTCHESS	STANFORD	56	8.29	4.86	57.5
DUTCHESS	UNION VALE	57	10.31	6.06	62.6
DUTCHESS	WAPPINGER	121	4.04	2.73	18.7
DUTCHESS	WASHINGTON	66	9.16	4.93	56.1
DUTCHESS	AMENIA	25	10.25	6.26	44.8
DUTCHESS	BEACON	56	4.65	2.75	21.2
DUTCHESS	BEEKMAN	95	8.97	5.37	86.2
DUTCHESS	CLINTON	65	9.26	5.55	66.4
DUTCHESS	DOVER	34	10.44	4.98	49.9
DUTCHESS	E. FISHKILL	345	7.61	4.62	71.6

Federal EPA Radon Zone for DUTCHESS County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for DUTCHESS COUNTY, NY

Number of sites tested: 186

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.690 pCi/L	80%	20%	0%
Basement	3.630 pCi/L	56%	38%	6%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX F

OTHER DOCUMENTS

Property Detail Report

For Property Located At :
135 MAIN ST, POUGHKEEPSIE, NY 12601-3043

CoreLogic RealQuest

Owner Information

Owner Name:	**ADMIRAL HALSEY APARTMENTS INCNOMINEE**
Mailing Address:	**909 3RD AVE #21, NEW YORK NY 10022-4754 C287**
Vesting Codes:	/ / CO

Location Information

Legal Description:	**2.2 AC**		
County:	DUTCHESS, NY	APN:	131300-6062-76-911183-0000
Census Tract / Block:	2201.00 / 4	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	6-62 /
Legal Lot:	911	Tract #:	
Legal Block:	76	School District:	131300
Market Area:		School District Name:	POUGHKEEPSIE
Neighbor Code:	4	Munic/Township:	POUGHKEEPSIE CITY

Owner Transfer Information

Recording/Sale Date:	09/28/2007 / 09/19/2007	Deed Type:	DEED (REG)
Sale Price:		1st Mtg Document #:	13639
Document #:	7084		

Last Market Sale Information

Recording/Sale Date:	09/28/2007 / 09/19/2007	1st Mtg Amount/Type:	/
Sale Price:	$6,650,200	1st Mtg Int. Rate/Type:	/
Sale Type:		1st Mtg Document #:	
Document #:	7083	2nd Mtg Amount/Type:	/
Deed Type:	BARGAIN & SALE DEED	2nd Mtg Int. Rate/Type:	/
Transfer Document #:		Price Per SqFt:	$77.51
New Construction:		Multi/Split Sale:	
Title Company:	ADVANTAGE TITLE AGENCY INC		
Lender:			
Seller Name:	ADMIRAL WILLIAM F HALSEY SENIO		

Prior Sale Information

Prior Rec/Sale Date:	09/1974 /	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	/
Prior Doc Number:	1392-972	Prior 1st Mtg Rate/Type:	/
Prior Deed Type:	DEED (REG)		

Property Characteristics

Gross Area:	85,800	Parking Type:		Construction:	
Living Area:	85,800	Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	/	Basement Type:		Air Cond:	
Year Built / Eff:	/	Roof Type:		Style:	
Fireplace:	/	Foundation:		Quality:	
# of Stories:		Roof Material:		Condition:	AVERAGE
Other Improvements:	Building Permit				

Site Information

Zoning:	>R-6	Acres:	>2.20	County Use:	>
Lot Area:	>95,832	Lot Width/Depth:	>676 x 142	State Use:	>APARTMENTS (411)
Land Use:	>APARTMENT	Res/Comm Units:	>119 /	Water Type:	>COMMERCIAL
Site Influence:	>			Sewer Type:	>COMMERCIAL

Tax Information

Total Value:	$6,650,000	Assessed Year:	2020	Property Tax:	
Land Value:	$280,000	Improved %:	96%	Tax Area:	131300
Improvement Value:	$6,370,000	Tax Year:		Tax Exemption:	NON-PROFIT AGENCIES
Total Taxable Value:					

135 MAIN ST, POUGHKEEPSIE, NY 12601-3043

* denotes a required field

Freedom of Information Request

62 Civic Center Plaza - Poughkeepsie, NY. 12601
Phone: (845) 451-4276 Fax: (845) 451-4239
Email: CityChamberlain_Clerks@cityofpoughkeepsie.com

Name of Requestor	Email	Phone
Joanne Bedkowski	jbedkowski@hillmanngroup.com	908-688-7800

Address	City	State	Zip
1600 Route 22 East, Suite 107	Union	NJ	07083

Department

Chamberlain

Description of Request (Be as specific as possible, including name, dates, case numbers, etc, if known.)*

Above and underground storage tanks, permits and/or violations, spills, and hazardous materials of environmental concern as we are conducting a Phase I Environmental Site Assessment. (My ref#: Z3-4899), Time frame: 01/01/1967 - 03-03-2022, Admiral Halsey Village, 135 Main Street, Poughkeepsie, NY 12601 - Block: 76, Lot: 911, APN/Parcel ID: 131300-6062-76-911183-0000, Owner: Admiral Halsey Apartments Incnominee

I request (*select one*):

Electronic copies when available; otherwise paper copies

Attachments

If you have any supplemental information you would like to provide as a part of this request (i.e. letters, emails, etc.) please add them below:

To add files, drag & drop or choose files...

SUBMIT

Thank you for submitting a request for records to the City of Poughkeepsie, NY.

Your request reference number is **POK-2022-63**.

Please have this reference number available when communicating with our staff regarding your request. If you have supplied an email address, you will receive a confirmation of your submission that contains the above information.

Please note that if you chose not to provide contact information, this reference number should be used when communicating with staff and/or when picking up the records related to this request. Additionally, if no contact information was provided, you must contact the appropriate office to verify receipt of your request, to learn of any applicable fees, and authorize your request to move forward, prior to your request moving forward.

VIEW REQUEST

New Request
Track
Search

CITY OF POUGHKEEPSIE, NY
RECORDS REQUESTS

New Request Track Search

Request #POK-2022-63

Above and underground storage tanks, permits and/or violations, spills, and hazardous materials of environmental concern as we are conducting a Phase I Environmental Site Assessment. (My ref#: Z3-4899), Time frame: 01/01/1967 - 03-03-2022, Admiral Halsey Village, 135 Main Street, Poughkeepsie, NY 12601 - Block: 76, Lot: 911, APN/Parcel ID: 131300-6062-76-911183-0000, Owner: Admiral Halsey Apartments Incnominee

Details

Submitted
Thu, Mar 03, 2022

Status
Submitted

Name
Joanne Bedkowski

Email
jbedkowski@hillmanngroup.com

Phone
908-688-7800

Address
1600 Route 22 East, Suite 107

City
Union

State
NJ

Zip
07083

Description

New Request Track Search

Village, 135 Main Street, Poughkeepsie, NY 12601 - Block: 76, Lot: 911, APN/Parcel ID: 131300-6062-76-911183-0000, Owner: Admiral Halsey Apartments Incnominee

Checkboxes

Copies

Department

Chamberlain

Requested Documents

File ↑	↑ Description	↑ Size
No documents have been added		

Rows per page: 10 –

This site is protected by reCAPTCHA and the Google Privacy Policy and Terms of Service apply.

ACCESSIBILITY POWERED BY JUSTFOIA

Joanne Bedkowski

From: Joanne Bedkowski
Sent: Thursday, March 3, 2022 7:54 PM
To: 'healthinfo@dutchessny.gov'
Subject: Records Request - Admiral Halsey Village, 135 Main Street, Poughkeepsie, NY (My ref# Z3-4899)
Attachments: Records Request - Admiral Halsey Village, 135 Main Street, Poughkeepsie, NY (My ref# Z3-4899).pdf

Dutchess County
Department of Behavioral & Community Health
Environmental Health Services Division
85 Civic Center Plaza – Suite 106
Poughkeepsie, NY 12601

Hello Health Coordinator,

Attached is our **Records Request** for the property of **Admiral Halsey Village, 135 Main Street, Poughkeepsie, NY 12601** (My ref# Z3-4899). Thank you!

Thank you
Joanne Bedkowski
Project Coordinator

Hillmann Consulting, LLC
1600 Route 22 East, Suite #107
Union, New Jersey 07083
Phone: (908) 688-7800 x202
Fax: (908) 686-2636

jbedkowski@hillmannconsulting.com
www.hillmannconsulting.com

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DUTCHESS COUNTY
DEPARTMENT OF BEHAVIORAL & COMMUNITY HEALTH
Environmental Health Services Division
85 Civic Center Plaza – Suite 106, Poughkeepsie, NY 12601
Tel: (845) 486-3404 Fax: (845) 486-3545

Application To Access Records

Applicant name: Joanne Bedkowski Date: 03/03/2022

Applicant address: Hillmann Consulting, LLC - 1600 Route 22 East, Suite 107

Applicant phone number: (908) 688 - 7800 Fax: (908) 686 - 2636

Email: jbedkowski@hillmanngroup.com

Records requested: Records regarding above and underground storage tanks, permits and/or violations, spills, and hazardous materials of environmental concern as we are conducting a Phase I Environmental Site Assessment. (My ref#: Z3-4899), Time frame: 01/01/1967 - 03/03/2022, Admiral Halsey Village, 135 Main Street, Poughkeepsie, NY 12601 - Block: 76, Lot: 911, APN/Parcel ID: 131300-6062-76-911183-0000, Owner: Admiral Halsey Apartments Incnominee

Specific name: Admiral Halsey Village

Municipality: Poughkeepsie City Tax map ID No. 131300 - 6062 - 76 - 911183-0000

Note: For radial searches, indicate the distance in feet from the referenced tax map number: _____ ft.

Remarks: _____

Send to Dutchess County Department of Behavioral & Community Health - Environmental Health Services:

Mail	**Email:**	**Fax:**
85 Civic Center Plaza - Suite 106 Poughkeepsie, NY 12601	healthinfo@dutchessny.gov	(845) 486-3545

For DBCH Department use only:

Date: _____ Request reviewed by: _____

Records located: _____

☐ Application approved

☐ Application denied:

___ Confidential disclosure
___ Unwarranted invasion of personal privacy
___ Record is exempted by statute
___ Part of investigatory file
___ Record is not maintained
___ Other (specify) _____

DUTCHESS COUNTY DEPARTMENT OF BEHAVIORAL & COMMUNITY HEALTH
Environmental Health Services

Application Request to Access Records

An application for access to records can be made in writing by email, fax, letter or in person, in a manner and on a form acceptable to the Department, at the Dutchess County Department of Behavioral & Community Health, Environmental Health Services, 85 Civic Center Plaza-Suite 106, Poughkeepsie NY 12601.

Records are available for inspection and copying from 9 a.m. to 4 p.m., Monday through Friday, exclusive of holidays, Saturdays and Sundays or a day on which Dutchess County government is otherwise closed for business at the Dutchess County Department of Behavioral & Community Health, Environmental Health Services, 85 Civic Center Plaza - Suite 106, Poughkeepsie NY 12601. There shall be a limit of one hour per day per person for inspection of records provided; however, the Records Access Officer, at his/her discretion, for good cause, may extend such time limitation. The fee for copies is twenty-five cents per photocopy, not in excess of 9" x 14". Additional fees may be charged for larger size documents and for postage and/or handling. Applicants may request that all records in a file be copied and sent to them. The applicant will be informed of the cost for reproduction, handling, postage, and shipping, and must pay the costs prior to a release of the records.

Special note: Applicants are required to present themselves at the Dutchess County Department of Behavioral & Community Health, Environmental Health Services, 85 Civic Center Plaza – Suite 106, Poughkeepsie NY 12601 to review and copy records.

If the records sought to be inspected or reproduced are:

1. Being inspected by another person; or
2. In the process of preparation; or
3. Being used in official business; or
4. If the requested inspection would unreasonably interfere with or disrupt office duties or business operations, the Records Access Officer shall so inform the person and specify a reasonable time when such records may be inspected or reproduced.

An applicant has the right to appeal a denial of access to records to the Records Appeal Officer, County Attorney's Office, 22 Market Street, Poughkeepsie NY, 12601, within 30 days from receipt of the denial.

Records are maintained and accessed by a tax map number, specific file name, project or premises, and program. All of this information must be provided when making application. The list of programs is as follows:

Environmental Radiation/x-ray
State & Local Institutions
Hotels/Motels
Public Functions
Bathing Beaches
Individual Water
Realty Subdivisions
Residential housing complaints
Lead Poisoning
Child Care Facilities
Chemical Emergencies
Indoor Air
Public Water Supply
Smoking & Tobacco Restrictions (mo/yr)
Rabies control/animal bites (mo/yr)
Solid Waste Management Facilities
Hazardous Materials
Petroleum spills
Farm Worker Housing
Food Protection
Children's Camps
Campsites/Parks
Swimming Pools
Individual residential sewage, less than 1000 gallons/day, less than 5 lots
Well permits
Mobile Home Parks
Rooming & Boarding Homes
Nuisances
Occupational Health
Hazardous Waste Disposal sites
Environmental Health Assessment
SEQRA review
Public/Communal Sewage, 1000 GPD+
Commercial sewage, less than 1000 GPD
Offensive material, septage & sludge
Industrial Wastes

Note: Within five business days of the receipt of a written request for a record reasonably described, the agency must make the record available, deny access in writing giving the reasons for denial or furnish a written acknowledgement of the receipt of the request and a statement of the approximate date when the request will be granted or denied.
[§ 88, Public Officers Law] *Record Access and Appeals Officers read and review the Freedom of Information Law annually

NEW YORK STATE

Public Records Center

MENU

Public Records Menu

FAQs

See All FAQs

- How to contact NYSDEC about FOIL?
- Response time to my FOIL request?
- Exceptions to disclosing records?
- Fees I have to pay?
- Can I inspect documents first?
- Processing of my request?
- How I pay fees?
- How do I appeal a denial of access?

View Message(s)

Request Type: Freedom of Information Law Request

Description: A FOIL request is a request for any "record" under NY's Freedom of Information Law (Article 6 of the Public Officers Law). Section 86 defines a "record" as: "any information kept, held, filed, produced or reproduced by, with or for an agency or the state legislature, in any physical form whatsoever including, but not limited to, reports, statements, examinations, memoranda, opinions, folders, files, books, manuals, pamphlets, forms, papers, designs, drawings, maps, photos, letters, microfilms, computer tapes or discs, rules, regulations or codes. NYSDEC maintains records in a variety of forms, or media, such as in hard copy (on paper), as recordings, as photographs, in electronic form, etc.

Contact E-Mail: jbedkowski@hillmanngroup.com

Reference No: W097382-030322

Type of Record(s) Requested: Other

Powered by GovQA

hazardous material and any other information of environmental concern as we are conducting a Phase I Environmental Site Assessment. (My ref#: Z3-4899), Time frame: 01/01/1967 - 03/03/2022, Admiral Halsey Village 135 Main Street, Poughkeepsie, NY 12601 - Block: 76, Lot: 911, APN/Parcel ID: 131300-6062-76-911183-0000, Owner: Admiral Halsey Apartments Incnominee

NYSDEC Office processing the Request:

Region 3 (Lower Hudson Valley) Covers the counties of Dutchess Orange Putnam Rockland Sullivan Ulster and Westchester

If your request pertains to just one Region, select that Region. If your request pertains to more than one Region, select Central Office. If you're unsure which Region your request pertains to, select Central Office. The Department will route your request to the appropriate Region(s)

Preferred Method to Receive Records:

Electronic copies

NYSDEC will use its best efforts to provide records via the method you select. However, in some cases a particular delivery method is not feasible In such cases NYSDEC will deliver the records via an alternative method

Please note not all public documents are available in electronic format. If the document(s) requested are not available electronically, we will make them available for inspection or by paper copy in accordance with the Public Records Law.

New Message | Cancel

Messages

Print Messages (PDF

On 3/3/2022 8:06:06 PM, New York DEC Support wrote:

Dear Joanne:

Powered by GovQA

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 3/3/2022 and given the reference number FOIL #W097382-030322 for tracking purposes. You may expect the Department's response to your request no later than **4/1/2022**.

Record Requested: **Records regarding above and underground storage tanks, permits and/or violations, spills, hazardous material and any other information of environmental concern as we are conducting a Phase I Environmental Site Assessment. (My ref#: Z3-4899), Time frame: 01/01/1967 - 03/03/2022, Admiral Halsey Village, 135 Main Street, Poughkeepsie, NY 12601 - Block: 76, Lot: 911, APN/Parcel ID: 131300-6062-76-911183-0000, Owner: Admiral Halsey Apartments Incnominee**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

---

Track the issue status and respond at:
https://newyorkdec.mycusthelp.com/webapp//_rs/RequestEdit.aspx?rid=97382

On 3/3/2022 8:06:04 PM, Joanne Bedkowski wrote:

Request Created on Public Portal

Powered by GovQA

ANNUAL WATER QUALITY REPORT FOR CALENDAR YEAR 2020
POUGHKEEPSIE TOWNWIDE WATER DISTRICT
1 Overocker Road
Poughkeepsie, New York
Federal Public Water Supply ID #NY1302812

Introduction:
To comply with State regulations, the Poughkeepsie Townwide Water District annually issues this report describing the quality of your drinking water. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water sources. This report provides an overview of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to State standards. Sampling and analyses are carried out routinely as directed by the Dutchess County Health Department and the New York State Department of Health and currently meet the drinking water standards.

If you have any questions about this report or concerning your drinking water, please contact Keith Ballard, Department Manager, at the Town of Poughkeepsie Water Department, at (845) 462-6535, or the Dutchess County Health Department at (845) 486-3404. We want you to be informed about your drinking water. If you want to learn more, please attend any of our regularly scheduled meetings. Town of Poughkeepsie Board and Committee of the Whole meetings are scheduled on Wednesdays at 7:00 pm in the Town Hall at One Overocker Road in Poughkeepsie; please phone the Water Department to confirm meetings at (845) 462-6535. You may also visit the Poughkeepsies' Water Treatment Facility website at http://www.pokwater.com. Learn more about the water treatment plant by attending any of the regularly scheduled Joint Water Board meetings held the first Tuesday of every month in the conference room at the Joint Water Plant (behind Marist College); for further information about the Poughkeepsies' Water Treatment Facility, telephone the Joint Water Board Administrator's office at (845) 451-4173, ext. 2003.

Where Does Our Water Come From?
In general, the sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activities. Contaminants that may be present in source water include: microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants. In order to ensure that tap water is safe to drink, the State and the Environmental Protection Agency (EPA) prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

The source of water for the Town of Poughkeepsie is treated surface water (Hudson River) which is purchased from the jointly owned town and city treatment plant, Poughkeepsies' Water Treatment Facility. The Poughkeepsies' Water Treatment Facility utilizes conventional, state of the art, filtration process to treat the water supply. This process includes chemical application of polyaluminum chloride to stabilize the small particles in the raw water supply. Once stabilized, the particles are combined with an organic polymer and previously settled solids, then slowly mixed to form larger particles. The larger particles are then removed through settling. Occasionally carbon dioxide is added prior to this process to aid coagulation for enhanced removal of organic compounds. Following the settling process, ozone is added to assist in the breakdown of organic compounds. The water is then passed through filters made of biologically activated carbon and sand. These filters help polish the water and reduce the organic compounds that can cause disinfection byproducts when water is chlorinated. Disinfection, the process used to kill disease-producing organisms, is accomplished through application of ultraviolet light followed by a carefully monitored chlorination process. Post treatment includes the addition of phosphoric acid and sodium hydroxide. Phosphoric acid is added at 2.3 mg/L to reduce corrosion of customer's lead piping and fixtures. Sodium hydroxide is added when necessary to increase the treated water to a pH of 7.7 in effort to minimize corrosion of pipes within the distribution system and customers plumbing.

Facts and Figures
The Poughkeepsie Townwide Water District serves a population of approximately 45,000 through 10,535 service connections. In 2020 a total volume of 2,626,094,570 gallons of potable water was withdrawn from sources for the Town Water System. Of this total, 663,524,228 gallons was delivered to 3rd party customers and 2,401,032,128 gallons was delivered to Poughkeepsie Townwide Water District customers. The Town billed its customers for 1,531,064,744 gallons of water. Non-billed water was 206,443,156 gallons which were for losses due to the flushing program for water quality purposes, water main breaks, firefighting, and the ongoing fire hydrant maintenance program. This represents a 9% loss of water within the Town's Water System. The Town of Poughkeepsie employs an ongoing leak detection program to locate any system leaks and make repairs in a timely manner.

Water Cost
In 2020, the Town of Poughkeepsie billed its users based on quarterly water meter readings at the rate of $2.50 per 100 cubic feet of water (or 748 gallons), with $18.78 being the minimum rate for 0-750 cubic feet of water consumed.

Facility Modification
No facility modifications were made in 2020.

Are there contaminants in our drinking water?
As the State regulations require, we routinely test your drinking water for numerous contaminants. These contaminants include: Total Coliform Bacteria, Turbidity, Orthophosphate, Lead and Copper, Residual Chlorine, Total Trihalomethanes and Haloacetic Acids. The table presented below depicts which compounds were detected in your drinking water. The State allows us to test for some contaminants

less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

The test data presented in this report cover solely the Poughkeepsie Townwide Water District distribution system. An addendum to this report contains data from the Poughkeepsies' Water Treatment Facility. Additional information about the water supplied by the Poughkeepsies' Water Treatment Facility may be found in the Annual Water Quality Report published by the Joint Town/City Water Board.

It should be noted that all drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at 800-426-4791, or the Dutchess County Health Department at 845-486-3404, or by viewing the EPA drinking water website, www.epa.gov/safewater, and the New York State Health Department website, www.health.ny.gov.

Salt Front Information

Our water is taken from the Hudson River Estuary, which is subject to increased chloride and sodium levels during low rainfall periods. During September 2020, the facility experienced a salt front episode (defined by USGS as chloride levels exceeding 100 mg/L). During this time the sodium concentration of the water produced was elevated. An advisory was issued to the public to notify consumers on severely restricted sodium diets that the sodium content increased to greater than 50 mg/L. The advisory was lifted in November 2020. The plant effluent was tested for sodium 14 times in 2020 with values ranging from 22.8 mg/L to 57.6 mg/L and an average of 31.5 mg/L.

During normal water years the sodium level varies from 15 – 25 mg/L with higher levels occurring during periods of low rainfall. **Customers that are on a salt restricted diet should consult with their physician concerning sodium in their drinking water.** Information concerning sodium levels in your water can be obtained at any time by contacting the Water Plant Administrator, Randy Alstadt at 451-4173 x 2003.

EPA's Unregulated Contaminant Monitoring Rule 4 (UCMR4)

The purpose of the Unregulated Contaminant Monitoring Rule is to assist the EPA in determining the occurrence of suspected contaminants in drinking water and whether regulation is required. Every five years a new list suspected contaminants is developed. The contaminants are not regulated by the EPA or state and therefore do not currently have set drinking water standards. UCMR4 testing was completed in 2019. Contaminants detected are listed in the table. For more information on the testing and results please contact the department manager listed at the beginning of this report.

Table of Detected Contaminants, Poughkeepsie Townwide Water District, 2020
Water Distribution System

Contaminant	Violation Yes/No	Sample Date(s)	Level Detected	Unit of Measure-ment	MCLG	Regulatory Limit	Likely Source of Contamination
Lead and Copper Monitoring							
Copper	No	8/25/20 thru 9/24/20	0.05[1] Range = ND to 0.861	mg/L	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits.
Lead	No	8/25/20 thru 9/24/20	4.7[2] Range = ND to 6.1	ug/L	0	AL = 15	Corrosion of household plumbing systems, erosion of natural deposits
Inorganic Contaminants							
Orthophosphate (reported as Phosphorus)	N/A	3 per week	Average = 0.64 Range = 0.56 to 0.70	mg/L	N/A	N/A	Orthophosphate is added at the Poughkeepsies' Water Treatment Facility to inhibit corrosion of lead piping in the distribution system.
Turbidity	No	5 per week	Average = 0.2 Range = 0.041 to 2.61	NTU	N/A	MCL = 5.0[3]	Soil runoff
Disinfection Byproducts							
Free Chlorine Residual	No	minimum of 50 per month	Average = 1.31 Range = 0.1 to 2.19	mg/L	N/A	MCL = 4[4]	Water additive used to control microbes.
Total Trihalomethanes (TTHMs -- chloroform, bromo-dichloromethane, dibromochloro-methane, and bromoform)	No	02/12/20 05/13/20 08/12/20 11/10/20	Stage 2 Calculation[5] Highest LRAA = 60.3 (Range of detects = 19.3 – 117)	ug/L	N/A	MCL = 80 for four-quarter average	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.
Haloacetic Acids (mono-, di-, and trichloroacetic acid,	No	02/12/20 05/13/20 08/12/20 11/10/20	Stage 2 Calculation[5] Highest LRAA = 23.9 (Range of detects = 10.3 to 27.2)	ug/L	N/A	MCL = 60 for four-quarter average	By-product of drinking water disinfection needed to kill harmful organisms.

and mono- and di-bromoacetic acid)							
Asbestos							
Asbestos	No	12/30/19	1.2	mf/L	N/A	7	Decay of asbestos cement water mains; Erosion of natural deposits.
Unregulated Contaminant Monitoring Rule (UCMR3 and UCMR4)							
Manganese	No	2/13/19 5/22/19 9/25/19	Average = 1.404 Range = 0.673 to 2.6	ug/L	N/A	300	Naturally occurring; Indicative of landfill contamination
Bromochloroacetic acid	No	2/13/19 5/22/19 9/25/19	Average = 3.57 Range = 2.19 to 5.6	ug/L	N/A	N/A	By-product of drinking water disinfection needed to kill harmful organisms.
Bromodichloroacetic acid	No	2/13/19 5/22/19 9/25/19	Average = 4.0 Range = 2.67 to 5.06	ug/L	N/A	N/A	By-product of drinking water disinfection needed to kill harmful organisms.
Chlorodibromoacetic acid	No	2/13/19 5/22/19 9/25/19	Average = 1.54 Range = 1.02 to 2.4	ug/L	N/A	N/A	By-product of drinking water disinfection needed to kill harmful organisms.

Footnotes:

1. The level presented represents the 90th percentile of the 30 sites tested for copper. In this case, 30 samples were collected throughout the distribution system and the 90th percentile was the 27th highest value (0.05 mg/L). The action level for copper was not exceeded at any of the sites tested.
2. The level presented represents the 90th percentile of the 30 sites tested for lead. In this case, 30 samples were collected throughout the distribution system and the 90th percentile was the 27th highest value (4.7 µg/L). The action level for lead was not exceeded at any of the sites tested.
3. Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of the filtration system of the Poughkeepsies' Water Treatment Facility. In accordance with State regulations for distribution systems, we test for turbidity 5 days/week, 52 weeks/year. Results are reported for the year. Since the Town purchases its water from the Poughkeepsies' Water Treatment Facility, Treatment Technique regulations do not apply to the Town's distribution system. State regulations for distribution systems require that the monthly average for turbidity must be below 5 NTU.
4. The value reported represents the Maximum Residual Disinfectant Level (MRDL) which is a level of disinfectant added for water treatment that may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects.
5. The regulation requires a Locational Running Annual Average (LRAA) be calculated at each site by averaging the results of the 4 most recent quarters. The LRAA reported in this table is the highest LRAA obtained in 2020.

Definitions:

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

CFU/100 mL: Colony Forming Units per 100 milliliters of sample.

LRAA: Locational Running Annual Average; used to calculate Trihalomethane and Haloacetic Acid levels for reporting for the Stage 2 Disinfection Byproduct rule ("DBR Stage 2")

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as possible.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

Milligrams per liter (mg/L): corresponds to one part of liquid in one million parts of liquid (parts per million -- ppm).

Micrograms per liter (ug/L): corresponds to one part of liquid in one billion parts of liquid (parts per billion -- ppb).

Million Fibers per Liter (mf/L): million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers

N/A: Not Applicable.

ND (Non-Detects): Laboratory analysis indicates that the contaminant is not present.

Nephelometric Turbidity Unit (NTU): A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

90th Percentile Value: The values reported for lead and copper represent the 90th percentile. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the lead and copper values detected at your water system.

Picocuries per liter (pCi/L): Picocuries per liter is a measure of the radioactivity in water.

Running Annual Average (RAA): This value is determined by first calculating the quarterly average of all 4 locations sampled and then averaging the 4 most recent quarterly averages.

Locational Running Annual Average (LRAA): This value is determined by averaging the 4 most recent quarterly results from one location.

What does this information mean?

As you can see by the table, our system had no violations in 2020. We learned through our testing that some contaminants have been detected; however, these contaminants were detected below the level allowed by the state.

Information on Lead
We must provide information on lead in drinking water even though our last round of testing showed no problems. Please take a moment to read the following information on lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. The Poughkeepsie Townwide Water District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at http://www.epa.gov/safewater/lead.

Information on Fluoride
Up until February 2008, our system was one of the many drinking water systems in New York State that provided drinking water with a controlled, low level of fluoride for consumer dental health protection. The fluoride was added by the Poughkeepsies' Water Treatment Facility before it was delivered to us. According to the United States Centers for Disease Control, fluoride is very effective in preventing cavities when present in drinking water at an optimal range from 0.8 to 1.2 mg/L (parts per million). To ensure that the fluoride supplement in your water provided optimal dental protection, the State Department of Health required that the Joint Town and City of Poughkeepsie Water Treatment Facility monitor fluoride levels on a daily basis. During the period when fluoride was being added to the water, no monitoring test results showed levels of fluoride which approached the 2.2 mg/L MCL.

In February 2008, the Poughkeepsies' Water Treatment Facility stopped adding fluoride to the water. You may want to discuss this with your family dentist to see if some other form of fluoride supplement should be considered for your dental protection.

Is our water system meeting other rules that govern operations?
During 2020, our system was in compliance with applicable State drinking water operating, monitoring and reporting requirements.

Do I need to take special precautions?
Although our drinking water met or exceeded state and federal regulations, some people may be more vulnerable to disease-causing microorganisms or pathogens in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbial pathogens are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Why Save Water? How Do I Avoid Wasting It?
Although our system has an adequate amount of water to meet present and future demands, there are a number of reasons why it is important to conserve water:

- Saving water saves energy and some of the costs associated with both of these necessities of life;
- Saving water reduces the cost of energy required to pump water and the need to construct costly new wells, pumping systems and water towers; and
- Saving water lessens the strain on the water system during a dry spell or drought, helping to avoid severe water use restrictions so that essential firefighting needs are met.

You can play a role in conserving water by becoming conscious of the amount of water your household is using, and by looking for ways to use less whenever you can. It is not hard to conserve water. Conservation tips include:

- Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. So get a run for your money and load it to capacity.
- Water your garden and lawn only when necessary. Remember that a layer of mulch in the flower beds and garden is not only aesthetically pleasing but will help retain moisture.
- Turn off the tap when brushing your teeth.
- Check your toilets for leaks by putting a few drops of food coloring in the tank; watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from one of these otherwise invisible toilet leaks. Fix it and you save more than 30,000 gallons a year.
- Use your water meter to detect hidden leaks. Simply turn off all taps and water using appliances. Then check the meter after 15 minutes. If it moved, you have a leak.

Thank you for allowing us to continue to provide your family with quality drinking water this year. We ask that all our customers help us protect our water sources, which are the heart of our community and our way of life. Please call us at the number listed at the beginning of this report if you have any questions.

Addendum

Poughkeepsies' Water Treatment Facility
Table of Detected Contaminants 2020

Contaminant	Violation Yes/No	Sample Date(s)	Level Detected	Unit of Measure-ment	MCLG	Regulatory Limit	Likely Source of Contamination

Plant Effluent - Inorganic Contaminants							
Orthophosphate (reported as Phosphorus)	N/A	2 per day	Average = 0.612 Range = 0.206 to 1.23	mg/L	N/A	N/A	Orthophosphate is added at the Poughkeepsies' Water Treatment Facility to inhibit corrosion of lead piping in the distribution system.
Total Organic Carbon	N/A	1 per week	Average = 1.32 Range = 1.038 to 1.825	mg/L	N/A	N/A	Naturally present in the environment
Turbidity (Plant Effluent)	No	Continuous Monitoring	Average = 0.044 Range = 0.024 to 0.22	NTU	N/A	MCL = 1 NTU monthly average[1] MCL = 5 NTU two day average	Soil runoff
Turbidity (Filter Effluent)	No	Continuous Monitoring	Average = 0.036 Range = 0.011 to 0.227	NTU	N/A	TT = 95% of samples < 0.3 NTU[2]	Soil runoff
Aluminum	No	1 per week	Average = 34.5 Range = ND to 85	ug/L	200	N/A	Erosion of natural deposits; discharge of drilling wastes; discharge from metal refineries
Barium	No	9/30/20	0.0206	mg/L	2	MCL = 2	Erosion of natural deposits; discharge of drilling wastes; discharge from metal refineries
Bromate	No	Monthly	Average = 5.8 Range = ND to 22.3[3]	µg/L	N/A	MCL = 10 Annual average	By-product of drinking water disinfection at treatment plants using Ozone.
Chlorate	No	9/24/20, 10/1/20, 11/5/20, 12/3/20	Average = 200.5 Range = 117 to 324	µg/L	N/A	N/A	By-product of drinking water disinfection at treatment plants using sodium hypochlorite.
Chloride	No	9/30/20	97.7	mg/L	250	N/A	Naturally occurring or indicative of road salt contamination
Nitrate	No	9/30/20	0.60	mg/L	10	MCL = 10	Runoff from fertilizer, Leaking septic tanks, sewage, erosion of natural deposits
Nickel	No	9/30/20	0.530	µg/L	N/A	N/A	Naturally occurring, leaching from pipes
Sodium	No	Monthly	Average = 31.46 Range = 22.8 to 57.6	mg/L	N/A	N/A[4]	Naturally occurring; Road salt; Water softeners; Animal waste
Sulfate	No	9/30/20	26.2	mg/L	N/A	MCL = 250	Naturally occurring
Plant Effluent - Disinfectants							
Free Chlorine Residual	No	Continuous Monitoring	Average = 2.42 Range = 1.62 to 3.38	mg/L	N/A	MCL = 4[5]	Water additive used to control microbes.
Plant Effluent - Disinfection Byproducts							
Total Trihalomethanes (chloroform, bromo-dichloromethane, dibromochloro-methane, and bromoform)	No	02/12/20 05/13/20 08/12/20 11/10/20	Stage 2 Calculation[6] Highest LRAA = 7.1 (Range of detects = 2.36 – 11.8)	µg/L	N/A	MCL = 80 for four-quarter average	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.
Haloacetic Acids (mono-, di-, and trichloroacetic acid, and mono- and di-bromoacetic acid)	No	02/12/20 05/13/20 08/12/20 11/10/20	Stage 2 Calculation[6] Highest LRAA = 6.0 (Range of detects = 2.79 – 5.56)	µg/L	N/A	MCL = 60 for four-quarter average	By-product of drinking water disinfection needed to kill harmful organisms.
Plant Effluent – Synthetic Organic Contaminants							
Perfluorooctanoic acid (PFOA)	No	10/19/20	2.00	ng/L	N/A	MCL = 10	Released into the environment from widespread use in commercial and industrial applications.
Perfluorooctane sulfonate (PFOS)	No	10/19/20	1.39	ng/L	N/A	MCL = 10	Released into the environment from widespread use in commercial and industrial applications.
Plant Effluent - Radioactive Contaminants							
Gross Alpha Plant Effluent	No	9/30/20	0.502	pCi/L	0	MCL = 15	Erosion of natural deposits.
Gross Beta	No	9/30/20	1.32	pCi/L	0	MCL = 50[7]	Decay of natural deposits and man-made emissions.
Radium-226	No	9/30/20	0.0415	pCi/L	0	MCL = 5	Erosion of natural deposits.
Radium-228	No	9/30/20	0.860	pCi/L	0	MCL = 5	Erosion of natural deposits.
Uranium	No	9/30/20	0.050	ug/L	0	MCL = 30	Erosion of natural deposits.
Raw Water - Radioactive Contaminants							
Gross Alpha	No	4/11/18 7/6/18 10/4/18	Average = 3.71 Range = ND to 6.33	pCi/L	0	MCL = 15	Erosion of natural deposits.
Gross Beta	No	4/11/18 7/6/18 10/4/18	Average = 4.815 Range = ND to 8.89	pCi/L	0	MCL = 50[7]	Decay of natural deposits and man-made emissions.
Uranium	No	4/11/18 7/6/18 10/4/18	Average = 0.221 Range = 0.191 to 0.246	µg/L	0	MCL = 30	Erosion of natural deposits.

1. Turbidity is a measure of the cloudiness of the water. We test it because it is a good indicator of the effectiveness of our filtration system. Our highest single turbidity measurement on the plant effluent (0.22 NTU) occurred on 8/26/20. An MCL violation occurs when the average of all daily entry point analyses for the month exceed the MCL of 1 NTU or when the daily two-day average exceeds 5 NTU.
2. The turbidity of each filter is monitored to determine treatment compliance. State regulations require that turbidity must always be below 1 NTU. State regulations require that 95% of samples are below 0.3 NTU. In 2020, 100% of samples were less than 0.3

NTU. The highest filter turbidity reading (0.227 NTU) occurred on 12/18/20.

3. Bromate was detected above the MCL on 9/24/20 at a concentration of 22.3 ug/L. Although the MCL value was exceeded for the monthly testing, an MCL violation did not occur as the yearly average is used to determine compliance. Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of getting cancer.
4. Water containing more than 20 mg/L of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/L of sodium should not be used for drinking by people on moderately restricted sodium diets.
5. Value presented represents the Maximum Residual Disinfectant Level (MRDL) which is a level of disinfectant added for water treatment that may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects.
6. The regulation requires a Locational Running Annual Average (LRAA) be calculated by averaging the results of the 4 most recent quarters. The LRAA reported in this table is the highest LRAA obtained in 2020.
7. The State considers 50 pCi/L to be the level of concern for beta particles.

Table Definitions

NYSDOH: New York State Department of Health

USEPA: United States Environmental Protection Agency

MCL (Maximum Contaminant Level): The highest level of a contaminant that is allowed in the drinking water.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

MRDL (Maximum Residual Disinfectant Level): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG (Maximum Residual Disinfectant Level Goal): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

NTU (Nephelometric Turbidity Unit): A measure of the clarity of the water. Turbidity in excess of 5.0 NTU is just noticeable to the average person.

TT: Treatment Technique

N/A: Not Applicable

ND: Not Detected

ng/L (nanograms per liter): Corresponds to one mass part in one trillion parts of another liquid (parts per trillion)

mg/L (milligrams per liter): Corresponds to one mass part in one million parts of another liquid (parts per million)

µg/L (micrograms per liter): Corresponds to one mass part in one billion parts of another liquid (parts per billion)

pCi/L (Picocuries per liter): A measure of the radioactivity in water.

mrem/yr (millirems per year): A measure of radiation absorbed by the body.

APPENDIX G

PROJECT PERSONNEL QUALIFICATIONS

HILLMANN CONSULTING

Chris Hirschmann, CHMM

Director, Environmental Services

EDUCATION:

B.S. Environmental Science, Cornell University

M.S., Environmental Science, NJIT – Rutgers University

CERTIFICATION:

OSHA 40-Hour HAZWOPER

OSHA HAZWOPER Supervisor

OSHA 10-Hour Construction

Certified Hazardous Materials Manager (CHMM) #14701

NJDEP Subsurface Evaluator #572258

Hazardous Waste Management Certification

Site Remediation Basics Certification

New York City Office of Environmental Remediation (NYCOER) Brownfield Certification (TurboTraining)

OSHA 30-Hour 1910 General Industry Training

YEARS OF EXPERIENCE:

With Hillmann: 15

Total: 16

PROFESSIONAL EXPERIENCE:

Mr. Hirschmann is currently the Director of Environmental Services at Hillmann Consulting, LLC. As such, he is responsible for performing environmental due diligence, including Phase I ESAs and desktop reviews, managing and implementing soil, groundwater, and soil vapor subsurface investigations and remediation; regulatory compliance; storage tank closure and install; and third party document review.

Mr. Hirschmann has extensive experience in performing due diligence site assessments, evaluating and investigating sites for subsurface contamination and instituting remedial activities for commercial and industrial properties (including City & State regulatory & brownfield programs). He also performs SPCC plan preparation and hazardous materials management as well as environmental compliance.

Representative experience includes:

The Doe Fund, Bronx, NY:

Identified as a spill case with confirmed soil, groundwater and soil/vapor contamination with the New York State Department of Environmental Conservation (NYSDEC) and brownfield and e-designation site with New York State Office of Environmental Remediation (NYCOER). Mr. Hirschmann functioned as the project director for Hillmann and prepared the remedial investigation work plan (RIWP), conducted remedial investigation activities and prepared a Remedial Investigation Report (RIR). Based on the RIR Hillmann prepared a Remedial Action Work Plan (RAWP) that was subsequently approved by the NYSDEC and NYCOER. Under the direction of Mr. Hirschmann, Hillmann provided oversight and direction of remedial activities, including implementation of a Community Air Monitoring Plan, during site redevelopment activities.

Women in Need, Brooklyn, NY:

Identified as an e-designation and brownfield case with soil and soil/vapor contamination with NYCOER. Mr. Hirschmann functioned as the project director for Hillmann and prepared the remedial investigation work plan (RIWP), conducted remedial investigation activities and prepared a Remedial Investigation Report (RIR). Based on the RIR Hillmann designed and prepared a Remedial Action Work Plan (RAWP) that was subsequently approved by the NYCOER. Under the direction of Mr. Hirschmann, Hillmann provided oversight and direction of remedial activities during site redevelopment activities.

TLK Manor, Bronx, NY:

Identified as a contaminated property under the purview of NYCDEP, Hillmann provided investigation and remediation services related to redevelopment activities. Mr. Hirschmann functioned as the project director and conducted the remedial investigation and prepared a Remedial Action Work Plan based on the results of the soil, groundwater and soil/vapor investigation. During redevelopment activities, under the direction of Mr. Hirschmann, Hillmann provided

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oversight and direction of remedial activities including implementation of a Community Air Monitoring Plan.

BP Real Estate Fund, Queens, NY

Hillmann was retained to address the e-designation on the property for hazardous materials prior to redevelopment activities. Mr. Hirschmann functioned as the project director and prepared a Remedial Investigation Workplan, conducted the Remedial Investigation soil, groundwater and soil vapor sampling activities and issued the Remedial Investigation Report to the NYCOER. The NYCOER subsequently removed the e-designation from the property after review and approval of project documents.

AIG, Bernardsville, NJ:

The Property had a leaking underground storage tank (UST) identified as a spill case with the New Jersey Department of Environmental Protection (NJDEP) and contained widespread soil and groundwater contamination. Hillmann provided investigation and remedial activities at the site including: delineation of soil and groundwater contamination, preparation of remedial action plans for the NJDEP, enhanced fluid recovery for groundwater remediation, injection remediation of groundwater including chemical oxidation material and microbe material to break down and remediate the elevated contaminants found in the groundwater. Mr. Hirschmann was the project manager and NJDEP certified Subsurface Evaluator for the remedial activities.

City of Newark, New Jersey:

Hillmann provided investigation and remediation activities for five City owned brownfield properties. Mr. Hirschmann functioned as the project manager for oversight, design, implementation and management of soil and groundwater remedial investigations at the properties.

Unique People Services, Bronx, New York

Identified as a contaminated property under the purview of NYCDEP, Hillmann provided investigation and remediation services related to redevelopment activities. Mr. Hirschmann functioned as the project director and conducted the remedial investigation and prepared a Remedial Action Work Plan based on the results of the soil, groundwater and soil/vapor investigation. During redevelopment activities, under the direction of Mr. Hirschmann, Hillmann provided oversight and direction of remedial activities including implementation of a Community Air Monitoring Plan.

Notias Construction, NY, NY:

Hillmann provided environmental investigation activities for 5 separate sites in Manhattan, NY. Mr. Hirschmann functioned as the project manager and prepared Phase II Investigation workplans for soil and soil-vapor sampling, directed site investigation activities and prepared Remedial Investigation Reports for each site. Where contamination was identified, Mr. Hirschmann prepared Remedial

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Action Work Plans for slated redevelopment activities.

AIG: Northeastern States: Hillmann provides ongoing environmental consulting for this client including decommissioning of fuel oil storage tanks, investigation and remediation of fuel oil contaminated soil and groundwater. Mr. Hirschmann provides third-party oversight on behalf of this client to ensure the contractors/consultants onsite are performing project activities in accordance with industry and regulatory protocol. When applicable on certain projects, Mr. Hirschmann will also direct full remedial investigation and remedial activities as the project manager.

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Etan Hindin

Senior Project Manager

EDUCATION:

B.S. Biology, Bar Ilan University, Ramat Gan, Israel

CERTIFICATIONS:

US EPA AHERA Asbestos Inspector

New York State Asbestos Project Monitor

New York State Air Sampling Technician

NJDEP GIS Training

Environmental Audit and Site Assessments (Rutgers NJAES)

40-hr OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Training

8-hr OSHA HAZWOPER Refresher Training

YEARS OF EXPERIENCE:

With Hillmann: 1 year

Total: 11 years

PROFESSIONAL EXPERIENCE:

As a Senior Project and Account Manager, Mr. Etan Hindin advises private and public sector clients on a broad range of environmental projects including due diligence (Phase I and II), regulatory compliance, HSE audits, soil and groundwater remediation, and mold investigations and asbestos surveys. Mr. Hindin is responsible for proposing project services, bidding, managing projects, and meeting with clients.

Mr. Hindin has conducted Phase I's of commercial and industrial sites throughout the country and has provided EH&S consulting to Fortune 500 companies. He is particularly well versed in environmental, health and safety regulations and he strives to provide creative, effective, and efficient solutions to complex environmental problems.

Representative experience includes:

Enviro-Sciences (of Delaware), Inc.: From 2011 to 2018, Mr. Hindin served as a Project Manager at Enviro-Sciences (of Delaware), Inc. where he designed sampling programs, oversaw abatement projects, and performed clearance sampling for mold and asbestos. He also managed environmental due diligence projects of commercial and industrial sites, throughout the US. Mr. Hindin often trained entry-level consultants in database review, report writing, and assessment protocols while working to improve report templates to comply with changing regulations and ASTM standards.

NJDEP Watershed Ambassadors Program: From 2010 to 2011, Mr. Hindin worked as a New Jersey Watershed Ambassador for the NJDEP where he monitored water quality utilizing NJDEP protocols and online reporting software, utilized GIS, NJGeoWeb, and DataMiner to research assigned water bodies and surrounding areas. Mr. Hindin also presented on watershed management, resource conservation, sustainability, and environmental regulations.

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Stephanie Lamb

Senior Project Manager

EDUCATION:

B.S. Environmental Planning & Design, Rutgers University

CERTIFICATIONS:

ACAC Certified Microbial Inspector (CMI)

NYS DOL Mold Assessor

40-hr HAZWOPER 29 CFR 1910.120

Hearing Protection & Conservation Training

Confined Space Training

XRF Spectrum Analyzer Training

USEPA NY Lead Based Paint Risk Assessor

USEPA NY Lead Based Paint Inspector

OSHA 10 Hr. Construction Safety & Health

NJ Radon Certification #MET12597

NJ Lead Inspector/Risk Assessor

PA Radon Certification #2570

NJ Radon Measurement Technician

NRSB Radon Measurement Technician

NYS DOL Asbestos Inspector

YEARS OF EXPERIENCE:

With Hillmann: 15 years

Total: 15 years

PROFESSIONAL EXPERIENCE

Ms. Lamb has over fourteen years of experience supporting various areas of Hillmann's practice. Within the Due Diligence department, she functions as a Senior Project Manager. In this role, she performs Phase I Environmental Site Assessments to meet environmental due diligence requirements under CERCLA and ASTM Standards, including the quality assurance of technical reports.

Similarly, within the Environmental Health and Safety Department, Ms. Lamb functions as a Project Manager. In this role she manages indoor air quality investigations, surveys and sick building syndrome investigations, potable and non-potable water sampling, and post water intrusion investigations. Ms. Lamb also conducts airborne lead, silica/respirable dust monitoring, lead based paint risk assessments, indoor air quality, and microbial investigations/SOW. Additionally, Ms. Lamb is knowledgeable in managing mold delineation and remediation management projects, performing microbial growth investigations and sampling, and preparing scope of work remediation reports. Finally, Ms. Lamb is experienced in Right to Know Reporting for New York City clients.

Representative project experience includes:

Notias Construction, Inc., Ms. Lamb was one of the Project Managers and Site Assessors for this portfolio of Phase I Environmental Site Assessment projects conducted on multi-family residential buildings. Hillmann staff also performed brief evaluations for (ASTM) "Non-Scope" items, such as asbestos-containing materials, lead-based paint, radon, and mold. This project was completed in 2016.

TD Bank, N.A., various locations: Hillmann has performed Phase I Environmental Site Assessments (ESA's) at several properties on behalf of TD Bank, N.A. These assessments have been conducted utilizing generally accepted Phase I (ESA) industry standards in accordance with the (ASTM) Standard Practice E 1527-13 for Phase I Environmental Site Assessments, and the TD Bank, N.A. Scope of Services for Phase I Environmental Site Assessment.

Peapack-Gladstone Bank, various locations: Hillmann has performed Phase I Environmental Site Assessments (ESA's) at several properties on behalf of Peapack-Gladstone Bank. These assessments have been conducted utilizing generally accepted Phase I (ESA) industry standards in accordance with the (ASTM) Standard Practice E 1527-13 for Phase I Environmental Site Assessments.

AAA Mid Atlantic: Hillmann has performed Phase I Environmental Site Assessments (ESA's) at a number of properties on behalf of AAA Mid Atlantic. These assessments have been conducted using generally accepted Phase I (ESA) industry standards in accordance with the (ASTM) Standard Practice E 1527-13 for Phase I Environmental Site Assessments.

Brookfield Properties, One Liberty Plaza, New York, New York: Beginning in 1987, Hillmann has managed the environmental aspects of the complete renovation of a 54-story high-rise office building totaling

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over 1.7 million square feet of space. Our services included: asbestos and lead surveys, bid administration, design and monitoring, and geotechnical services. Hillmann continues to provide environmental and industrial hygiene consulting to Brookfield Properties. Ms. Lamb functions as an Environmental Specialist on this contract.

Tishman Speyer Properties, nationwide: Hillmann has provided the complete environmental program for Tishman Speyer's properties since 1987. Ms. Lamb functions as an Environmental Specialist for this project. Our services include: Phase I Environmental Site Assessments, asbestos surveys, air monitoring, bid administration, O&M programs, industrial hygiene, and indoor air quality programs. This contract is ongoing.

Citigroup, nationwide: Since 1995, Hillmann has been providing complete environmental program for various Citigroup properties. Our services include: Phase I Environmental Site Assessments, asbestos and lead surveys, air monitoring, bid administration, O&M programs, industrial hygiene, indoor air quality programs, geology services, and radon testing and hazardous materials assessments. Ms. Lamb functions as an Industrial Hygienist on this contract, which is ongoing.

Verizon Communications, Inc., nationwide: Since 1996, Hillmann has been providing air monitoring, asbestos and lead investigations, abatement design, air monitoring, mold and water sampling, and emergency response services including indoor air quality, noise, confined space, characterization, and ventilation evaluation. Ms. Lamb is an Industrial Hygienist on this contract, which is ongoing.

Encompass Insurance, nationwide: Beginning in 2004, Hillmann has been performing microbial assessments, management and clearances, scope of work evaluations, cause and origin, and investigations. Ms. Lamb serves as an Industrial Hygienist on this contract, which is ongoing.

HSBC Bank, nationwide: Hillmann is providing professional environmental services for this contract that consists of a complete environmental program, including Phase I Environmental Site Assessments, asbestos surveys, air monitoring, bid administration, O&M programs, industrial hygiene, and indoor air quality programs. Ms. Lamb functions as an Industrial Hygienist providing indoor air quality, water sampling, and mold investigations as required. This contract is ongoing.

Cushman & Wakefield, nationwide: Hillmann is providing environmental services for Property Managers for large commercial building owners, including Citibank. These services include: asbestos surveys, project design, investigations, project management, and bulk sampling and analysis. Ms. Lamb is an Industrial Hygienist for this contract, which is ongoing.

Allstate Insurance, various locations: Hillmann manages environmental aspects of water losses, including investigations, moisture mapping, testing, remediation protocol, and clearance sampling. Ms. Lamb functions as an Industrial Hygienist on the contract, which is ongoing.

CARLIN • SIMPSON & ASSOCIATES

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11 May 2020

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Attn: Mr. Paul Shevchuk
Senior Project Manager

Re: Report on Subsurface Soil and Foundation Investigation
Proposed 10-Story Building
135 Main Street
Poughkeepsie, NY (CSA Job #20-26)

Dear Mr. Shevchuk:

In accordance with our proposal revised 5 February 2020 and your subsequent authorization, we have completed a Subsurface Soil and Foundation Investigation for the referenced site. The purpose of this study was to determine the nature and engineering properties of the subsurface soil and the groundwater conditions for the new building, to recommend a practical foundation scheme, and to determine the allowable bearing capacity of the site soils. We understand that the planned construction will consist of a new multi-story building.

Our scope of work for this project included the following:

1. Reviewed the proposed layout, the existing site conditions, the expected soil conditions, and planned this study.

2. Retained General Borings Inc. to advance five (5) borings at selected locations on the subject site.

3. Laid out the boring in the field, visually identified the soil layers encountered, obtained soil samples, and prepared detailed boring logs and a Boring Location Plan.

4. Analyzed the field test data and prepared this report containing the results of this study.

1.0 SITE DESCRIPTION

The project site is located at 135 Main Street in Poukeepsie, New York. The site is currently occupied by a multi-story residential building. The remainder of the site is occupied by concrete sidewalks, parking lot and grass landscape.

2.0 PROPOSED CONSTRUCTION

We understand that the planned construction will consist of a new multi-story building. At this time the building finish floor elevations and loads were not kwon. However, we understand that the building will be up to 10-stories. The following evaluation is based on information that has been provided to our office as of the date of this report.

Carlin-Simpson and Associates must be provided with the foundation plans and column loads in order to preform a settlement analysis and finalize the foundation recommendation for this project.

3.0 SUBSURFACE CONDITIONS

To determine the subsurface soil and groundwater conditions at the site, five (5) test borings were advanced by General Borings Inc. in April 2020. The borings were performed using hollow stem augers and split spoon sampling. Detailed boring logs have been prepared and are included in this report. The borings were performed under the full-time inspection of Carlin-Simpson & Associates. The boring locations are shown on the enclosed Boring Location Plan. Our field engineer visually identified all of the soil samples obtained during the boring operations.

3.1 Soil and Bedrock

The soil descriptions shown on the boring logs are based on the Burmister Classification System. In this system, the soil is divided into three components: Sand (S), Silt ($) and Gravel (G). The major component is indicated in all capital letters, the lesser in lower case letters. The following modifiers indicate the quantity of each lesser component:

Modifier	Quantity
trace (t)	0 -10%
little (l)	10% - 20%
some (s)	20% - 35%
and (a)	35% - 50%

The subsurface soil conditions encountered in the borings can be summarized as follows:

Stratum 1 The surface layer in each of the borings is topsoil that range from approximately 4 to 10 inches in thickness.
Topsoil

Stratum 2 Existing Fill — Beneath the topsoil in each of the borings is loose to medium dense existing fill that generally consists of brown coarse to fine SAND, trace (to some) Silt, trace (to some) coarse to fine Gravel. Below the existing fill in boring B-2 is a 6" layer of buried topsoil. The existing fill extends to depths ranging from 3'0" to 7'6" below the existing ground surface.

Stratum 3 Silty Sand — Below the existing fill in borings B-1, B-2, B-4 and B-5 is medium dense to dense gray brown coarse to fine SAND, some (to and) Silt, trace (to little) coarse to fine Gravel. The borings extend to depths ranging from 6'0" to 18'0" below the existing grounds surface. Boring B-2 was terminated upon refusal on the augers.

Stratum 4 Completely Weathered Graywacke — Underlying the Silty Sand in B-1, B-3 and B-5 and below the existing fill in B-3 is completely weathered gray Graywacke bedrock. This layer is soil like in state, however, there could be denser pockets that cannot be conventionally excavated. The completely weathered Graywacke extends to depths ranging between 8'0" to 18'6" below the existing ground surface.

Stratum 5 Graywacke Bedrock — Graywacke bedrock was cored at boring locations B-1, B-3, B-4, and B-5 for a vertical distance of 5 feet. The rock core recoveries ranged from 73 to 98 percent. The rock quality designation (RQD) of the recovered cores ranged from 43% to 81%. Based on the boring observations, the Graywacke bedrock ranges from poor quality in a shattered, very blocky and seamy condition to good quality or massive, moderately jointed rock.

3.2 Groundwater

During this investigation, groundwater was encountered throughout the site at depths ranging from 7'0" and 10'0" below the existing ground surface. Evidence of seasonal high groundwater was encountered in boring B-1 at a depth of 7'6" below the existing ground surface.

Based on the groundwater observations and anticipated construction, groundwater may be encountered during the construction of the new building. Dewatering with sumps and pumps, as well as preparation of wet subgrades with fabric and stone may be necessary during construction. Variations in the location of the long-term water table may occur as a result of changes in precipitation, evaporation, surface water runoff, and other factors not immediately apparent at the time of this exploration. Groundwater will not be encountered during construction.

3.3 Bedrock

Graywacke bedrock was encountered in each of the borings during this investigation. Based on our experience and the boring observations, the in-situ bedrock at the site will range from completely weathered rock in a soil-like state, to a massive, moderately jointed rock. The rock generally transitions into harder, more intact, bedrock with increasing depth. The completely weathered rock was encountered at depths ranging from 6'0" to 15'6" below the

existing ground surface. Auger refusal on harder bedrock was encountered at depths ranging from 8'0" to 18'0" below the ground surface. The bedrock observations are summarized in Table 1 below.

Penetration into the bedrock with excavation equipment will depend on the degree of weathering and fracturing in the rock. The upper few feet of rock may be "rippable" by using large construction equipment, but we anticipate that the "rippability" of the bedrock will be variable and limited. It should not be assumed that the completely weathered rock (very dense material in a soil-like state) can be excavated with conventional equipment. Depending on the planned excavation depths, harder rock may be encountered, and the use of hydraulic hammers to excavate the harder, intact bedrock.

3.4 Summary of Boring Observations

A summary of the boring observations is provided in Table 1 below.

Table 1 – Summary of Boring Observations

Boring No.	Observed Depth to Groundwater	Depth to Bottom of Existing Fill	Depth to Bedrock
B-1	10'0"	7'6"	CWR @ 15'6" C @ 17'6"
B-2	9'3"	7'0"	CWR @ 15'6" AR @ 18'0"
B-3	NWR	6'0"	CWR @ 6'0" C @ 8'0"
B-4	7'6"	3'0"	C @ 10'0"
B-5	7'0"	4'6"	CWR @ 14'6" C @ 18'6"

NWR – No Water Reading
CWR – Completely Weathered Graywacke Bedrock
AR – Auger Refusal on Probable Harder Graywacke Bedrock
C – Cored Graywacke Bedrock

4.0 SUMMARY OF DESIGN RECOMMENDATIONS

Below is a summary of the major design and construction considerations for this project. Additional recommendations are provided in the following sections of this report.

- *Subsurface Conditions (Section 3.0)*
  - Existing fill at the site was encountered to depths of 3'0" to 7'6" below the existing ground surface.
  - Groundwater was encountered at depths of 7'0" to 10'0" below the existing sidewalk elevation.
  - Bedrock was encountered at depths ranging from 8'0" to 18'0" below the existing ground surface.

- A summary of the subsurface observations is provided in Table 1 above.

- *Building Area Preparation (Section 5.1)*
  - Existing structures must be demolished and surface materials must be stripped from the proposed construction area.
  - The existing fill shall be completely removed from the new building footprint.
  - The use of dewatering sumps and pumps may be required to remove the existing fill.
  - Stabilization of sensitive subgrades with geotextile filter fabric and clean stone may be necessary, due to the moderate to high silt content of the site soils.
  - Exposed subgrade soil shall be densified prior to excavating foundations.
  - New backfill shall be compacted to at least 95% of its Maximum Modified Dry Density (ASTM D-1557).

- *Building Foundations Recommendations (Section 5.2)*
  - Existing fill is not suitable for support of the proposed building foundations.
  - Existing fill shall be completely removed and replaced with new structural fill (DGA).
  - Use of hydraulic hammers may be required in order to achieve deeper excavations.
  - ***The building loads and finished floor elevations have not been finalized. However, we have performed a preliminary settlement analysis for the shallow spread footing recommendations provided in this report. Preliminary, we anticipated up to 2-inches of settlements for the considered foundation scenarios.***
  - The new building foundation alternatives are as follows:
    - Shallow Spread Footings Net Bearing Pressure:
      - Virgin Soil – 6,000 psf
      - New Compacted Fill (DGA) – 6,000 psf
      - Completely weathered Graywacke or Intact Graywacke – 10,000 psf
    - Mat Foundation: Average bearing pressure over whole building foot: 3,000 psf
      Maximum bearing pressure: 6,000 psf
  - Additional recommendations for drilled micropiles or geopier foundation can be provided if a shallow foundation system is not feasible or higher loads are desired.
  - Minimum depth for frost protection = 42 inches.
  - Seismic Site Class = C or Very Stiff Soil, Soft Rock Profile.

5.0 BUILDING EVALUATION

We understand that the planned construction will consist of a new multi-story building. It is our understanding that the proposed building will be up to 10-stories in height. It is also our understanding that a basement is being considered for the new building as well. A summary of the encountered subsurface conditions for each boring are provided above in Table 1.

Existing fill was encountered at the site to depths of 3’0” to 8’0” below the existing ground surface. The existing fill is not an acceptable bearing material for the new building foundation or floor slab. The consistency and density of the soil fill are not predictable. Certain areas may contain clean dense soils while other areas may contain loose material, void spaces, and/or debris. The existing soil fill creates the possibility of intolerable differential settlements

under loading. As a result, the existing fill shall be completely removed from the building footprint and replaced with new compacted fill.

After the existing fill has been removed, the building foundations may be designed as shallow spread footings or a mat foundation. We have performed a preliminary settlement analysis assuming foundations bearing at frost depth, with an allowable bearing pressure of 6,000 psf and a 10-foot square footing.

The preliminary settlement analysis results in settlements of up to 2-inches in the western portion of the building where the bedrock was encountered at a depth of 18-feet below the existing ground surface. However, in the northeastern corner of the proposed building, bedrock was encountered at a depth of 8-feet below the existing ground surface. In the northeastern portion of the building, expected settlements will be on the order of 0.5-inches for foundation bearing at frost depth. Due to the differing subsurface conditions, differential settlements throughout the building footprint may range up to approximately 1.5 inches for the shallow spread footing scenarios considered.

In addition, if a basement is considered for the new building, foundations in the northeastern corner of the building will bear directly on bedrock resulting in minimal column footing settlements. While the footings in the western portion of the building will still bearing on approximately 10-feet of soil and will experience increase settlements. A basement may increase the anticipated differential settlement.

Depending on the anticipated building loads and foundation bearing elevation, shallow spread footing may result in intolerable differential settlements. To reduce the anticipated settlements, a mat foundation system can also be considered. If higher loads are necessary, a drilled micropile foundation system or ground improvement system can also be considered.

Due to the potential for high column loads, variable subgrade conditions, and potential for intolerable differential settlements, Carlin-Simpson and Associates must be provided with foundation plans and column loads so that a refined settlement analysis can be performed. We will modify the recommendations in this report based on the results of the refined settlement analysis.

5.1 Building Area Preparation

In order to prepare the site for construction, all surface materials such as topsoil, asphalt, and concrete shall be removed from the planned building area, extending at least 10 feet beyond the new construction limits, where practical. Existing utilities, where they are encountered within the planned building area, should be either abandoned or rerouted around the new structure. Once the utility has been rerouted or abandoned, the section of pipe and any associated structure within the building area should be completely removed. The removal of the pipe and structure must also include any loose fill around the pipe or structure. After the pipe, associated structure, and associated loose backfill have been removed, the resulting excavation shall be backfilled with new controlled fill as described below.

Removal of Existing Fill

Existing fill was encountered in each of the borings in the proposed building area to depths ranging 3’0” and 7’6” below the existing ground surface. The existing fill is not an acceptable bearing material for the new building and must be completely removed and replaced as described below.

The removal of the existing fill from the proposed building area shall extend through the existing fill, down to the virgin Silty Sand, completely weathered Graywacke, or Graywacke Bedrock (Stratum 3, 4, or 5). At the bottom of the excavation, the removal of the unsuitable material shall extend horizontally beyond the addition limits a minimum distance of one (1) foot plus a distance equal to the depth of the excavation below the planned foundation bearing elevation. For example, if the removal of the existing fill extends vertically five (5) feet below the planned foundation bearing elevation, the excavation must extend horizontally a minimum of eleven (6) feet (1 foot plus 5 feet) beyond the new foundation limits at that location.

The removal of the existing fill from the proposed building area shall be performed under the full time inspection of Carlin-Simpson & Associates. The on-site representative from Carlin-Simpson & Associates shall direct the Contractor during this operation to ensure that all of the unsuitable material has been removed from the proposed building area.

During the removal of the unsuitable material from the building area, the Contractor should segregate the potentially re-usable existing fill material from the non-reusable fill (i.e. debris and topsoil). The on-site representative from Carlin-Simpson & Associates shall evaluate the suitability of the excavated materials for use as compacted fill during the excavation and prior to its re-use. Potentially usable fill should be stockpiled and covered with tarps or plastic sheeting for protection from excess moisture. Any fill material that is or becomes wet must be dried prior to its re-use.

After the surface materials and existing fill have been removed and prior to the placement of new structural fill, the exposed subgrade must be graded level and proofrolled by several passes of a vibratory drum roller. The proofrolling operation is necessary to densify the underlying soils. Carlin-Simpson & Associates shall be retained to observe the proofrolling of the subgrade. If any soft or otherwise unsuitable soils are noted, the unsuitable material shall be removed and replaced with new structural fill. Carlin-Simpson & Associates shall be responsible for determining what material, if any, is to be removed and will direct the Contractor during this operation.

Handling Groundwater During Construction

During this investigation, groundwater was observed at depths ranging from 7’0” to 10’0” below the existing ground surface. During removal of the existing fill from the building footprint, temporary groundwater control measures may be needed.

Temporary groundwater control measures shall consist of one or more sumps and pumps. The sump pits shall consist of a perforated pipe at least 8-inches in diameter, surrounded by

crushed stone and filter fabric. Multiple sump pumps may be required to effectively control and lower the water level. The sump pits should be installed just outside the planned excavation area and at least 2 feet below the anticipated bottom of the lowest excavation. Electric pumps equipped with an automatic shut off and capable of operating 24 hours a day may be required. Temporary dewatering must be maintained continuously by the contractor during construction.

Preparing Wet Subgrades

In the event that water has softened the subgrade soil, stabilization with geotextile filter fabric and crushed stone may be required. This determination will be made by Carlin-Simpson & Associates or a qualified geotechnical engineer during the excavation process. Where needed, the subgrade should be stabilized with geotextile fabric, such as Mirafi 500X or equivalent, and 3/4-inch clean crushed stone.

To prepare the subgrade surface for the geotextile fabric and crushed stone, all surface water, loose soil, and mud must be removed from the area. After the subgrade is prepared, a layer of geotextile fabric (Mirafi 500X or equivalent) shall be laid out on the subgrade surface. Adjacent layers of geotextile fabric should be overlapped a minimum of 6 inches. The excavation shall then be filled with 12 inches of 3/4-inch clean crushed stone. The crushed stone shall be placed in maximum 12-inch layers and compacted by several passes of a small vibratory drum roller. The crushed stone can then be used to support the proposed building foundations and floor slab.

The crushed stone should be spread across the geotextile filter fabric and densified with lightweight tracked equipment. Care should be taken to avoid contact of the tracked equipment with the geotextile fabric. Alternatively, the placement of the stone fill could be achieved by placing the material with the bucket of a large excavator and densifying the material with a heavy vibratory plate tamper (i.e. Wacker BPU 3545A or equivalent). If subgrade pumping does occur, the filling operation should be halted until Carlin-Simpson & Associates or a qualified geotechnical engineer can evaluate the cause of the instability and make further recommendations.

Installation of New Structural Fill

New fill required to achieve final grades in the building area shall consist of dense graded aggregate (DGA). DGA shall contain less than 10% by weight passing a No. 200 sieve. The new fill shall be placed in layers not exceeding one (1) foot in thickness and each layer shall be compacted to at least 95% of its Maximum Modified Dry Density (ASTM D1557). Each layer must be compacted, tested, and approved the Carlin-Simpson & Associates field representative prior to placing subsequent layers. The suitability of the excavated soil for reuse as compacted structural fill is discussed in Section 6.3 below.

An example DGA gradation specification is provided below:

US Standard Sieve Size	Percent Finer By Weight
2 inch	100
¼ inch	30-65
No. 40	5-40
No. 200	0-10

After the installation of compacted fill has been completed to the required building foundation subgrade elevation, the virgin soil and new engineer-approved compacted fill may be used to support the floor slab.

5.2 Shallow Foundation System Alternatives

The new building foundations may be designed as shallow spread footings or a mat foundation system as described below. The new foundations may be constructed on virgin soils, completely weathered rock, or new structural fill (DGA). In the event that existing fill is encountered at the foundation bearing elevation, it shall be completely removed and replaced with new structural fill (DGA). All of the exterior footings shall bear at the minimum depth listed below for protection from frost, however we anticipate that footings will extend deeper than the minimum frost depth to bear below the existing fill.

The foundation plans and column loads shall be provided to Carlin-Simpson for review and the completion of a settlement analysis and issuance of final foundation recomendations. At that time, we can provide additional recommendations if needed.

Table 2 – Foundation Design Parameters

Description	**Value**
Foundation Bearing Material	Virgin Soil, Completely Weathered Rock, Bedrock or New Compacted Fill (DGA)
Shallow Spread Footings Maximum Allowable Bearing Pressure	 Virgin Soil/ DGA – 6,000 psf Completely Weathered Rock – 10,000 psf
Mat Foundation System Average Bearing Pressure over Building Footprint Maximum Bearing Pressure	 3,000 psf 6,000 psf
Minimum Frost Depth	42 inches
Minimum Column Dimension	30 inches
Minimum Wall Foundation Dimensions	18 inches

The excavations for the new foundations shall be performed under the full-time inspection of Carlin-Simpson & Associates or a qualified geotechnical engineering firm. The on-site representative shall confirm that the foundation bearing material is capable of supporting the design bearing pressure.

Prior to the installation of the reinforcement steel and concrete, the bottoms of the foundation excavations should be cleaned of all loose material. The foundation subgrade shall be compacted with a small vibratory drum trench compactor (i.e. Wacker Model RT560), a heavy vibratory plate tamper (i.e. Wacker BPU 3545A or equivalent), or a "jumping jack" style tamper (i.e. Wacker Model BS 600). The preparation of the footing bearing subgrade should be performed under the observation of a representative from Carlin-Simpson & Associates. If instability is observed during the compaction of the bearing subgrade, the soft soil shall be removed and replaced with new compacted fill (DGA).

Bedrock Special Construction Procedures

Where rock is encountered the foundation excavations, "Special Construction Procedures" must be employed. When continuous wall footings or closely spaced column footings (20 feet or less) bear on dissimilar material (i.e. rock and soil) the potential for differential movement exists. A footing bearing in rock will not move, whereas a footing bearing on soil will settle slightly due to the compressive nature of all soils when subjected to new loads. The area between movement and non-movement will develop a (shear) stress point. Cracks in foundations and walls will be the result from such movement. Therefore, continuous wall footings must bear either entirely on rock or entirely on soil for any individual structure. Alternatively, for larger structures, transition zones can be constructed to create a gradual transition from a soil to a rock bearing subgrade.

Where rock and soil both exist at the bearing elevation in a foundation excavation, the footings must either be lowered to bear entirely on rock, or a minimum of 18 inches of rock must be removed from below planned footing bottom. The over-excavated 18 inches must then be filled with a granular material having a maximum particle size of 1/2-inch and containing at least 10% but not more than 30% material by weight passing a No. 200 sieve. The fill shall be placed in six (6) inch layers and each layer shall be compacted to at least 95% of its Maximum Modified Dry Density (ASTM D-1557). This procedure will create a "cushion" atop the rock and reduce the potential for differential movement. For soft, rippable rock, this procedure will not be required.

Adjacent column footings greater than 20 feet apart may bear on dissimilar material (i.e. soil and rock). Any individual column footing must bear entirely on the same type bearing material (i.e. all soil or all rock). In addition, new footings constructed on sloping bedrock must be keyed into the bedrock surface.

If during the excavation for continuous foundations, the transition from soil to rock is gradual (i.e. from medium dense soil to dense weathered rock to very dense rock) over a distance of 20 feet or more, the "Special Construction Procedures" may not be required. This would have to be evaluated in the field on a case-by-case basis by the representative from Carlin-Simpson & Associates or a qualified geotechnical engineer at the time of construction.

Where the transition from rock to soil is abrupt within the excavation for continuous wall foundations, transition zones can be constructed by over-excavating the rock in steps and increasing the "soil cushion" thickness over a distance of 24 feet or more. To construct the

transition zone, the bedrock is over-excavated in a series of steps, each step being six (6) inches in depth and at least eight (8) feet in length. The first step is six (6) inches deep, the second step is 12 inches deep, and the final step is 18 inches deep. The over-excavation is then backfilled with the soil cushion material described above. A detail showing a typical transition zone (FIG-3) is attached in the appendix of this report.

Prior to the placement of formwork, reinforcement steel, and concrete, the bearing subgrade soil shall be cleaned of all loose soil and where soil is encountered at the subgrade elevation, it shall be compacted with several passes of a small vibratory drum trench compactor (i.e. Wacker Model RT560), a heavy vibratory plate tamper (i.e. Wacker BPU 3545A or equivalent), or "jumping jack" style tamper (i.e. Wacker Model BS 600). This must be performed under the observation of Carlin-Simpson & Associates or a qualified geotechnical engineer. If instability is observed during the compaction of the bearing subgrade, the soft soil shall be removed and replaced with new compacted fill.

5.3 Building Floor Slabs on Grade

The building floor may be designed as a slab on grade bearing on densified virgin soil, weathered rock, or on new engineer-approved structural fill. Floor slab design parameters are provided in Table 3 below. A layer of 3/4-inch crushed stone is recommended beneath the concrete slab for additional support and drainage. Provisions for sump pits and pumps are recommended for lower levels that are bearing on bedrock.

Table 3 – Floor Slab Design Parameters

Description	Value
Slab Subgrade Material	Densified Virgin Site Soils, completely weathered rock or New Compacted Fill (DGA)
Modulus of Subgrade Reaction (k)	200 pci
Crushed Stone Cushion Thickness	6 inches

New fill for the structure slabs shall consist of either suitable on-site soil or imported sand and gravel. Imported sand and gravel shall contain less than 10% material by weight passing a No. 200 sieve. The new fill shall be placed in layers not exceeding one (1) foot in loose thickness and each layer shall be compacted to at least 92% of its Maximum Modified Dry Density (ASTM D1557). Fill layers shall be compacted, tested, and approved before placing subsequent layers.

5.4 Foundation Alternatives – Deep Foundations

If the shallow spread foundation alternatives become uneconomical or higher loads are desired other foundation alternatives like piles or ground improvement methods can be explored at that time. Building and column loads, and final site grades should be provided to complete these alternative analyses.

5.5 Seismic Design Considerations

From site-specific test boring data, the Site Class was determined from Table 1613.5.2 of the New York State Building Code. The site-specific data used to determine the Site Class typically includes soil test borings to determine Standard Penetration resistances (N-values). Based on estimated average N-values in the upper 100 feet of soil profile, the site can be classified as Site Class C – Very Stiff Soil, Soft Rock Profile.

New structures should be designed to resist stress produced by lateral forces computed in accordance with Section 1613 of the International Building Code – New York State Edition. The values in Table 5 shall be used for this project.

Table 5 – Seismic Design Values

Description	Value
Mapped Spectral Response Acceleration for Short Periods, [Fig 1613.5 (1)]	S_S=0.193g
Mapped Spectral Response Acceleration at 1-Second Period, [Fig 1613.5 (2)]	S_1=0.054g
Site Coefficient [Table 1613.5.3 (1)]	F_a= 1.30
Site Coefficient [Table 1613.5.3 (2)]	F_v= 1.50
Max Considered Earthquake Spectral Response for Short Periods [Eq 16-37]	S_{MS}=0.251g
Max Considered Earthquake Spectral Response at 1-Second Period [Eq 16-38]	S_{M1}=0.082g
Design Spectral Response Acceleration for Short Periods [Eq 16-39]	S_{DS}=0.167g
Design Spectral Response Acceleration for 1-Second Period [Eq 16-40]	S_{D1}=0.054g

5.6 Building Settlement

We have performed a preliminary settlement analysis assuming foundations bearing at frost depth with an allowable bearing pressure of 6,000 psf, and a 10-foot square footing. The preliminary settlement analysis results in settlements of up to 2-inches in the western portion of the building where the bedrock was encountered at a depth of 18-feet below the existing ground surface. However, in the northeastern corner of the proposed building, bedrock was encountered at a depth of 8-feet below the existing ground surface. In the northeastern portion of the building, expected settlements will be on the order of 0.5-inches for foundation bearing at frost depth. Due to the differing subsurface conditions, differential settlements throughout the building footprint may range up to approximately 1.5 inches for the shallow spread footing scenarios considered.

The above settlement values are based on our engineering experience with similar soil conditions and the anticipated structural loading, and are to guide the structural engineer with his design. To minimize difficulties during the foundation installation phase, it is critical that Carlin-Simpson & Associates be retained to observe the foundation bearing surfaces and to confirm the recommended bearing pressures and that the existing fill and unsuitable materials have been removed from beneath the new foundations.

Due to the potential for high column loads, variable subgrade conditions, and potential for intolerable differential settlements, Carlin-Simpson and Associates must be provided with foundation plans and column loads so that a refined settlement analysis can be performed. We

will modify the recommendations in this report based on the results of the refined settlement analysis.

6.0 SITE EVALUATION

Our recommendations for the proposed site development including utilities, temporary excavation and bracing, and suitability of the existing site soils for reuse are provided below.

6.1 Utilities

Existing fill are present throughout the site to depths ranging from 3'0" to 7'6" below the existing ground surface. For areas where existing fill is encountered within the utility excavations, the subgrade at bottom of the utility excavation shall be compacted in place with a vibratory drum trench compactor or "jumping jack" style tamper. Carlin-Simpson & Associates must evaluate these areas for the presence of soft or unsuitable material within the existing fill matrix. If instability is observed, portions of this fill may have to be removed and replaced with new compacted fill. Carlin-Simpson & Associates will determine this during construction.

New utilities may bear in the densified existing fill, virgin soils, completely weathered bedrock, bedrock or new compacted fill. The bottom of all trenches shall be excavated clean so a hard bottom is provided for pipe support. If any soft areas or unsuitable existing fill conditions are encountered during the construction operation, these materials must be removed and replaced with new compacted fill.

In the event that water is encountered within the utility trench excavation or if the trench bottom becomes soft due to the inflow of surface water or trapped water, a layer of geotextile filter fabric and a minimum of six (6) inches of crushed stone shall be placed on the bearing soil to provide a firm base for support of the pipe. Sump pits and pumps should be used to keep the excavations dry.

6.2 Temporary Construction Excavations and Excavation Protection

Temporary construction excavations should be conducted in accordance with the most recent OSHA guidelines or applicable federal, state or local codes. A qualified person should evaluate the excavations at the time of construction to determine the appropriate soil type and allowable slope configuration. Based on the boring data, we believe the site soils and rock would have the following classifications as defined by the OSHA guidelines.

Soil/Rock Type	Possible Classification	Maximum Slope or Bench
Existing Fill	Type "C"	1½H:1V
Virgin Soil	Type "B" or "C"	1H:1V to 1½H:1V
Completely Weathered Bedrock	Type "B"	1H:1V
Intact Bedrock	Type "A"	3/4 H: 1V

Temporary support (i.e. trench boxes, sheeting and shoring, etc.) should be used for any excavation that cannot be sloped or benched in accordance with the applicable regulations, where necessary to protect adjacent property, utilities, driveways, and/or structures, or where saturated soils or water seepage is encountered within the excavation. In the event that water is encountered within the excavation, an evaluation of the excavation's stability must be performed. Perched water or groundwater encountered within the excavation will destabilize the sides of the excavation. Temporary support will be required to stabilize the excavation. Dewatering of the excavation will also be required.

A New York State licensed professional engineer must design all temporary support systems. The contractor will select the shoring type and submit design calculations for the proposed shoring method to Carlin-Simpson & Associates for review.

The soil adjacent to the temporary support system will exert a horizontal pressure against the system. This pressure is based on the soil unit weight, coefficient of active earth pressure, and depth of the excavation. In addition, the surcharge loads from adjacent driveways, construction equipment, or stored materials near the excavation must be incorporated into the design of the support system, as applicable. The design parameters for temporary excavation support systems are listed in Table 7 below.

Table 7 – Excavation Support System Design Parameters

Description	On-Site Soils
Moist Unit Weight (pcf)	130
Friction Angle (ϕ, deg)	30
Cohesion (c, psf)	0
Active Earth Pressure Coefficient (k_a)	0.33
Equivalent Fluid Pressure (pcf)	40.3
Passive Earth Pressure Coefficient (k_p)	3.0

6.3 Suitability of the In-Situ Soils for Use as Compacted Fill

The suitability of each soil stratum for use as compacted fill is discussed below.

Stratum 2
Existing Fill

The existing fill generally consists of brown coarse to fine SAND, trace (to some) Silt, trace (to some) coarse to fine Gravel. Some of the existing fill may be moisture sensitive, however, as long as it remains relatively dry for optimum compaction and free of debris and organic material (i.e. roots) should be suitable for reuse as compacted fill. ***Note that the existing fill does not meet the gradation of DGA and therefore cannot be used as structural fill in the building footprint.***

Stratum 3
Silty Sand

The Silty Sand generally consists of coarse to fine SAND, some (to and) Silt, trace (to little) coarse to fine Gravel. This stratum has a moderate to high percentage of silt, however, as long as it remains relatively dry for optimum compaction should be suitable for reuse as compacted fill. Note that this stratum extend below the water table. The soil located below the water table will be unsuitable for reuse. ***Note that the Silty Sand does not meet the gradation of DGA and therefore cannot be used as structural fill in the building footprint.***

Stratum 4/5
Weathered Rock/
Bedrock

Excavated rock may be used as fill material provided that the material conforms to the required gradation, is well graded, and has been approved prior to use by Carlin-Simpson & Associates. All rock fill must be well blended with smaller rock fragments and/or soil. The maximum particle size for rock placed as fill in the building area shall be three (3) inches in diameter. In other areas of the site, the maximum particle size shall be six (6) inches in diameter. Most of the excavated rock will be too large for use as compacted fill in structural areas. The excavated rock must therefore be processed through a crusher to provide suitable fill material. Rock fill should not be used where it will interfere with the installation of foundations or utilities. Also, it shall not be used as backfill directly against concrete walls or utilities.

The boring observations indicate that the on-site soils contain a low to moderate percentage of silt (10% to >50%). The moderate to high silt content soils will be moisture sensitive. If the soil becomes too wet, it will be difficult to achieve adequate compaction. Note that the onsite soils do not meet the gradation of DGA and therefore cannot be used as structural fill in the building footprint.

Proper moisture conditioning of the soil will be required. New compacted fill should be within 2% (+/-) of its optimum moisture content at the time of placement. In the event that the on-site material is too wet at the time of placement and cannot be adequately compacted, the soil should be aerated and allowed to dry or the material removed and a drier cleaner fill material used. In the event that the on-site material is too dry at the time of placement and cannot be adequately compacted, water may be needed to increase the soil moisture content for proper compaction.

The in-situ soils which exist throughout the site may become soft and weave if exposed to excessive moisture and construction traffic. The instability will occur quickly when exposed to these elements and it will be difficult to stabilize the subgrade. We recommend that adequate site drainage be implemented early in the construction schedule and if the subgrade becomes wet, the contractor should limit construction activity until the soil has dried.

The minimum compaction requirements for the various areas of the site are summarized in Table 7 below.

Table 7 – Minimum Compaction Requirements

Area	Maximum Modified Dry Density (ASTM D-1557)
Building - Below Foundations	**95%**
Building – Below Slab on Grade	**95%**
Pavement Areas	92%
Exterior Slabs and Sidewalks	92%
Landscape Areas	90%

7.0 GENERAL

The findings, conclusions and recommendations presented in this report represent our professional opinions concerning subsurface conditions at the site. The opinions presented are relative to the dates of our site work and should not be relied on to represent conditions at later dates or at locations not explored. The opinions included herein are based on information provided to us, the data obtained at specific locations during the study and our past experience. If additional information becomes available that might impact our geotechnical opinions, it will be necessary for Carlin-Simpson & Associates to review the information, reassess the potential concerns, and re-evaluate our conclusions and recommendations.

Regardless of the thoroughness of a geotechnical exploration, there is the possibility that conditions between borings and test pits will differ from those encountered at specific boring or test pit locations, that conditions are not as anticipated by the designers and/or the contractors, or that either natural events or the construction process have altered the subsurface conditions. These variations are an inherent risk associated with subsurface conditions in this region and the approximate methods used to obtain the data. These variations may not be apparent until construction.

The professional opinions presented in this geotechnical report are not final. Field observations and foundation installation monitoring by the geotechnical engineer, as well as soil density testing and other quality assurance functions associated with site earthwork and foundation construction, are an extension of this report. Therefore, Carlin-Simpson & Associates should be retained by the Owner to observe all earthwork and foundation construction, to document that the conditions anticipated in this study actually exist, and to finalize or amend our conclusions and recommendations Carlin-Simpson & Associates is not responsible or liable for the conclusions and recommendations presented in this report if Carlin-Simpson & Associates does not perform the observation and testing services.

Therefore, in order to preserve continuity in this project, the Owner must retain the services of Carlin-Simpson & Associates to provide full time geotechnical related monitoring and testing during construction. At a minimum, this shall include the observation and testing of the following: 1) the removal of existing fill and unsuitable soil, where required; 2) the proofrolling of the subgrade soil prior to the placement of new compacted fill; 3) the placement and compaction of controlled fill; 4) the excavation for the building foundations; and 5) the preparation of the subgrade for the floor slabs.

This report has been prepared in accordance with generally accepted geotechnical engineering practice. No other warranty is expressed or implied. The evaluations and recommendations presented in this report are based on the available project information, as well as on the results of the exploration. Carlin-Simpson & Associates should be given the opportunity to review the final drawings and site plans for this project to determine if changes to the recommendations outlined in this report are needed. Should the nature of the project change, these recommendations should be re-evaluated.

This report is provided for the exclusive use of Omni New York, LLC. and the project specific design team and may not be used or relied upon in connection with other projects or by other third parties. Carlin-Simpson & Associates disclaims liability for any such third party use or reliance without express written permission. Use of this report or the findings, conclusions or recommendations by others will be at the sole risk of the user. Carlin-Simpson & Associates is not responsible or liable for the interpretation by others of the data in this report, nor their conclusions, recommendations or opinions.

If the conditions encountered during construction vary significantly from those stated in this report, this office should be notified immediately so that additional recommendations can be made.

Thank you for allowing us to assist you with this project. Should you have any questions or comments, please contact this office.

Very truly yours,
CARLIN-SIMPSON & ASSOCIATES

CATHERINE SIMPSON, E.I.T.
Project Manager

ROBERT B. SIMPSON, P.E.

File No. 20-26

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.				TEST BORING LOG					BORING NUMBER B-1
Project:	Proposed 10 Story Building, 135 Main St, Poughkeepsie NY								SHEET NO.: 1 of 1
Client:	Omni New York LLC								JOB NUMBER: 20-26
Drilling Contractor:	General Borings Inc								ELEVATION: -
GROUNDWATER					CASING	SAMPLE	CORE	TUBE	DATUM: -
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS	NX		START DATE: 15 Apr 20
4/15/2020	0930	10'0"	HSA	DIA.	3 1/4"	1 3/8"	2 1/8"		FINISH DATE: 15 Apr 20
				WGHT		140#			DRILLER: J Casson
				FALL		30"			INSPECTOR: CKS

Depth (ft.)	Casing Blows pre Foot	Sample Number	Blows on Sample Spoon per 6"	Sy r	IDENTIFICATION	REMARKS
			2		**Topsoil** 0'4"	
1		S-1	8		FILL (Br, bk cf S, l (+) $, l (+) cf G, w/bricks)	Rec = 7"
			8			moist
2			6			
			8			
3		S-2	8		FILL (same)	Rec = 20"
			7			moist
4			7		**FILL (Brown, black coarse to fine SAND, little (+) Silt, little (+) coarse to fine Gravel, with bricks)**	
5						
			2			
6		S-3	2		FILL (same)	Rec = 0"
			2			moist
7			3			
			4		FILL (same) 7'6"	
8		S-4	7		Gr br cf S, a $, l cf G	Rec = 19"
			6			moist
9			7			slightly mottled
10						
			12			
11		S-5	12		same	Rec = 20"
			11			moist to wet
12			15		**Gray brown coarse to fine SAND, and Silt, little coarse to fine Gravel**	mottled above
13						
14						Many cobbles and boulders
15						
			11		same 15'6"	
16		S-6	50/3"		completely weathered graywacke	Rec = 5"
						wet
17					**Completley Weathered Graywacke**	Auger refusal @ 17'6"
					17'6"	
18						
19						
						Run #1
20		Run #1			**Gray Graywacke Massive moderatley jointed, highly weathered**	17'6"-22'6"
						Run = 60"
21						Rec = 98%
						RQD = 81%
22					22'6"	

CARLIN-SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER B-2
Project: Proposed 10 Story Building, 135 Main St, Poughkeepsie NY		**SHEET NO.:** 1 of 1
Client: Omni New York LLC		**JOB NUMBER:** 20-26
Drilling Contractor: General Borings Inc		**ELEVATION:** -

GROUNDWATER					CASING	SAMPLE	CORE	TUBE	**DATUM:** -
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS			**START DATE:** 15/Apr/20
15/Apr/20	1245	9'3"	HSA	DIA.	3 1/4"	1 3/8"			**FINISH DATE:** 15/Apr/20
				WGHT		140#			**DRILLER:** J Casson
				FALL		30"			**INSPECTOR:** CKS

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
			3		**Topsoil** 0'5"	
1		S-1	5		FILL (Br, bk cf S, l (-) $, l cf G, w/brick, ash	Rec = 10"
			6			moist
2			6			
			5			
3		S-2	4		FILL (same)	Rec = 17"
			2		**FILL (Brown, black coarse to fine SAND,**	moist
4			8		**little (-) Silt, little coarse to fine Gravel,**	
					with brick, ash	
5						
			2			
6		S-3	2		FILL (same)	Rec = 20"
			2			moist
7			3		7'0"	
			4		**Old topsoil layer** 7'6"	
8		S-4	5		Gr br cf S, a $, l (-) cf G	Rec = 20"
			8			moist
9			8			
10						
			3			
11		S-5	5		Gr Cy $ a, cf S, t mf G	Rec = 18"
			9			wet
12			11		**Gray brown coarse to fine SAND,**	
					and Silt, little (-) coarse to fine Gravel	
13						
14						
15						
			10			
16		S-6	50/3"		Gr br cf S, a $, l (+) cf G	Rec = 5"
						wet
17						Weathered rock in tip
						Auger refusal @ 28'0"
18					18'0"	on probable bedrock
					End of Boring @ 18'0"	
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG	BORING NUMBER B-3

Project:	**Proposed 10 Story Building, 135 Main St, Poughkeepsie NY**									**SHEET NO.:**	1 of 1
Client:	**Omni New York LLC**									**JOB NUMBER:**	20-26
Drilling Contractor:	**General Borings Inc**									**ELEVATION:**	-
GROUNDWATER					**CASING**	**SAMPLE**	**CORE**	**TUBE**		**DATUM:**	-
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**	**HSA**	**SS**	**NX**			**START DATE:**	15 Apr 20
No Water Reading				**DIA.**	**3 1/4"**	**1 3/8"**	**2 1/8"**			**FINISH DATE:**	15 Apr 20
				WGHT		**140#**				**DRILLER:**	J Casson
				FALL		**30"**				**INSPECTOR:**	CKS

Depth (ft.)	Casing Blows pre Foot	Sample Number	Blows on Sample Spoon per 6"	Sy r	IDENTIFICATION	REMARKS
			2		**Topsoil** 0'4"	
1		**S-1**	7		FILL (Br cf S, s (-) $, l (+) cf G, w/brick)	Rec = 15"
			8			moist
2			5			
			5			
3		**S-2**	11		FILL (same, w/debris)	Rec = 3"
			50/3"		**FILL (Brown coarse to fine SAND,**	moist
4					**some (-) Silt, little (+) coarse to fine**	Obstruction, moved 5' east
					Gravel, with brick)	continued drilling
5						
			5			
6			6		FILL (same) 6'0"	
			53			
7		**S-3**	50/2"		Completely weathered Graywacke	Rec = 5"
					Completely weathered Graywacke	moist
8					8'0"	Auger refusal @ 8'0"
9						
10						
		Run			**Gray Graywacke blocky and seamy**	Run #1
11		**#1**			**highly weathered**	8'0"-13'0"
						Run = 60"
12						Rec = 73%
						RQD = 62%
13					13'0"	
					End of Boring @ 13'0"	
14						
15						
16						
17						
18						
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG	BORING NUMBER B-4

Project:	**Proposed 10 Story Building, 135 Main St, Poughkeepsie NY**									**SHEET NO.:**	1 of 1
Client:	**Omni New York LLC**									**JOB NUMBER:**	20-26
Drilling Contractor:	**General Borings Inc**									**ELEVATION:**	-
GROUNDWATER						**CASING**	**SAMPLE**	**CORE**	**TUBE**	**DATUM:**	-
DATE	**TIME**	**DEPTH**	**CASING**	**TYPE**		**HSA**	**SS**			**START DATE:**	16 Apr 20
4/16/2020	**1030**	**7'6"**	**HSA**	**DIA.**		**3 1/4"**	**1 3/8"**			**FINISH DATE:**	16 Apr 20
				WGHT			**140#**			**DRILLER:**	J Casson
				FALL			**30"**			**INSPECTOR:**	MW

Depth (ft.)	Casing Blows pre Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
1			1 3		**Topsoil** 0'10"	
2		**S-1**	6 12		**FILL (Dark gray coarse to fine SAND, some (-) Silt, little (+) coarse to fine Gravel, with brick)**	Rec = 20" moist
3		**S-2**	7 5		FILL (same) 3'0"	Rec = 20"
4			9 8		Br, gr cf S, s $, t (+) f G	moist
5					**Brown, gray coarse to fine SAND, some Silt, trace (+) fine Gravel**	
6		**S-3**	5 5		same	Rec = 0 moist
7			4 5			
8		**S-4A**	5 7		same 8'0"	Rec = 12" wet
9		**S-4B**	20 14		Br, gr cf S, s $, s cf G, w/weathered rock frag **Brown, gray coarse to fine SAND, some Silt, some coarse to fine Gravel, with weathered rock fragments**	Dense drilling 8'-10'
10					10'0"	Auger refusal @ 10'
11						
12					**Gray Graywacke, crushed, highly weathered with soil seams**	
13		**Run #1**			13'0"	Run #1 10'0"-15'0"
14						Run = 60" Rec = 85%
15					**Gray Graywacke, shattered, very blocky and seamy, slightly weathered to fresh**	RQD = 12%
16						Run #2
17		**Run #2**				15'0"-17'6" Run = 30"
18					17'6" **End of Boring @ 17'6"**	Rec = 90% RQD = 43%
19						
20						
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.					TEST BORING LOG					BORING NUMBER B-5
Project: Proposed 10 Story Building, 135 Main St, Poughkeepsie NY										SHEET NO.: 1 of 2
Client: Omni New York LLC										JOB NUMBER: 20-26
Drilling Contractor: General Borings Inc										ELEVATION: -
GROUNDWATER						CASING	SAMPLE	CORE	TUBE	DATUM: -
DATE		TIME	DEPTH	CASING	TYPE	HSA	SS			START DATE: 16/Apr/20
16/Apr/20		1200	7'0"	HSA	DIA.	3 1/4"	1 3/4"			FINISH DATE: 16/Apr/20
					WGHT		140#			DRILLER: J Casson
					FALL		30"			INSPECTOR: MW

Depth (ft.)	Casing Blows pre Foot	Sample Number	Blows on Sample Spoon per 6"	S Y M	IDENTIFICATION	REMARKS
			2		**Topsoil** 0'4"	
1		**S-1A**	5		FILL (Dk gr cf S, s $, t (+) mf G)	Rec = 20"
			5		**FILL (Dark gray coarse to fine SAND,**	moist
2		**S-1B**	8		**some Silt, trace (+) medium to fine**	
			9		**Gravel, with coal & brick)**	
3		**S-2**	9		FILL (same with debris)	Rec = 20"
			17			moist
4			21			
					4'6"	
5						
			20			
6		**S-3**	23		Br ,gr cf S, a (-) $, t (-) f G	Rec = 12"
			5			moist to wet
7			8			
			9			
8		**S-4**	13		same, l (+) mf G	Rec = 12"
			10			wet
9			8		**Brown, gray coarse to fine SAND,**	
					and (-) Silt, trace (-) fine Gravel	
10						
			12			
11		**S-5**	14		same	Rec = 0
			19			
12			12			
13						
14						
					14'6"	
15						
		S-6	30/0"		Completley weathered Graywacke	Rec = 0
16						Spoon bouncing
					Completely weathered Graywacke	Rock in tip
17						
18						
					18'6"	
19						
20		**Run**			**Gray Graywacke, blocky and seamy,**	Run #1
		#1			**slightly weathered**	18'6"-23'6"
21						Run = 60"
						Rec = 96%
22						RQD = 68%

CARLIN - SIMPSON & ASSOCIATES Sayreville, NJ	TEST BORING LOG	BORING NUMBER B-5
Project: Proposed 10 Story Building, 135 Main St, Poughkeepsie NY		**SHEET NO.:** 2 of 2
Client: Omni New York LLC		**JOB NUMBER:** 20-26

Depth (ft.)	Casing Blows pre Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23		Run #1			**Gray Shale, blocky and seamy, slightly weathered**	Run #1 18'6"-23'6"
					23'6"	Run = 60"
24					**End of Boring @ 23'6"**	Rec = 96% RQD = 68%
25						
26						
27						
28						
29						
30						
31						
32						
33						
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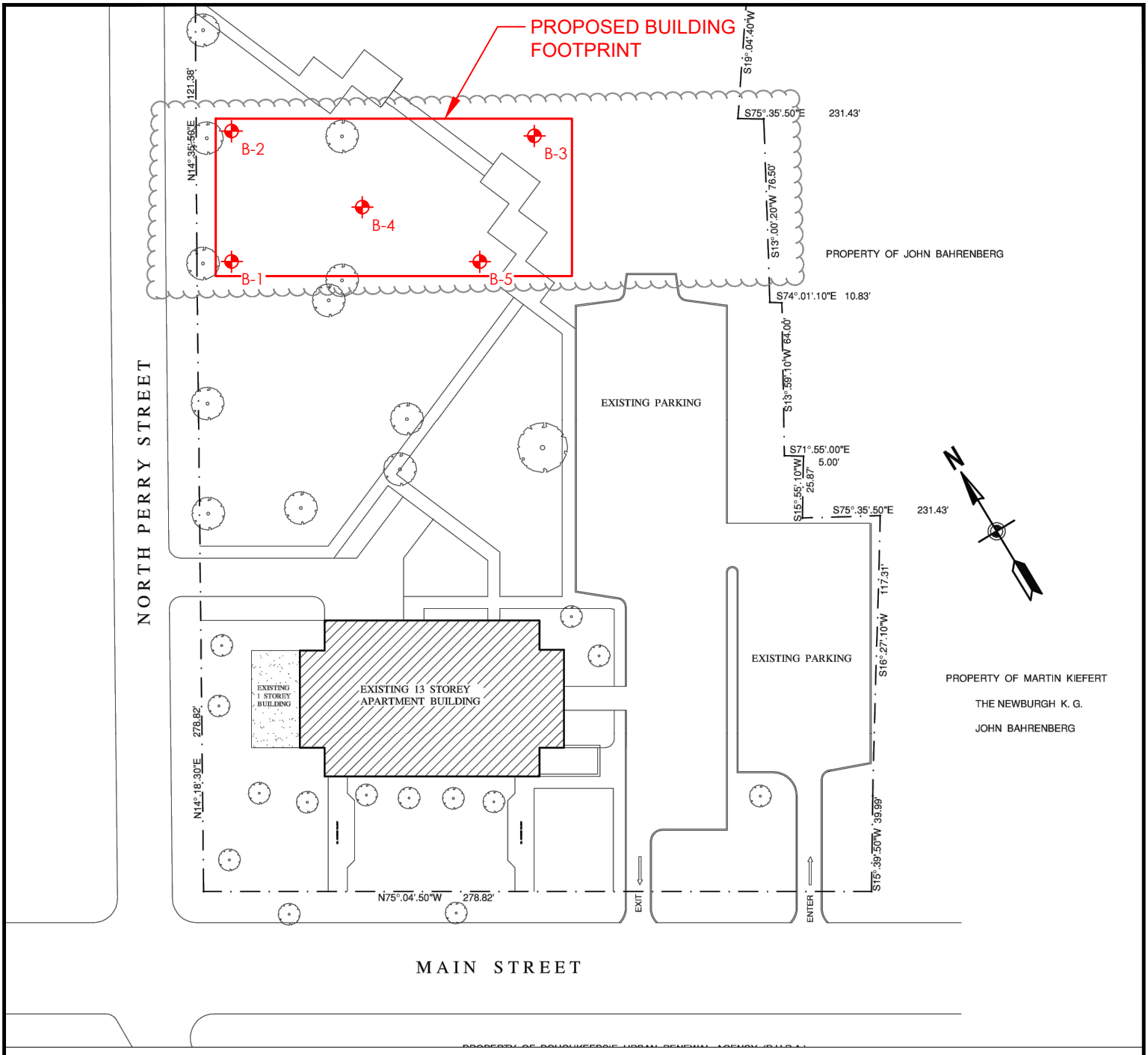


GENERAL NOTES:

1. GENERAL LAYOUT WAS OBTAINED FROM A SURVEY PROVIDED BY ROBERT ST. C GASKIN ARCHITECTS, TITLED "EXISTING SITE PLAN", DATED 22 DECEMBER 2006.
2. BORING LOCATIONS WERE LAID OUT IN THE FIELD BY CARLIN-SIMPSON & ASSOCIATES (CSA).
3. BORINGS WERE PERFORMED BY GENERAL BORINGS INC. IN APRIL 2020 UNDER THE FULL TIME INSPECTION OF CSA.
4. LOCATIONS ARE APPROXIMATE.

LEGEND:

- BORING LOCATION

ROBERT B. SIMPSON, P.E.
PROFESSIONAL ENGINEER

LICENSE NO. | SIGNATURE | DATE

BORING LOCATION PLAN

PROPOSED 10-STORY RESIDENTIAL BUILDING
135 MAIN STREET
POUGHKEEPSIE, NEW YORK

DRAWN	SCALE
CKS	1" = 60'
CHECKED	DATE
RBS	30 APR 2020
PROJECT NO.	DWG NO.
20-26	FIG -1
APPROVED	

CARLIN-SIMPSON AND ASSOCIATES
61 Main Street
Sayreville, NJ 08872
Consulting Geotechnical and Environmental Engineers

PRELIMINARY ENGINEERING REPORT

Prepared for

ADMIRAL HALSEY II

Located at

135 Main Street
City of Poughkeepsie, Dutchess County, NY
Tax ID: 6062-76-911183

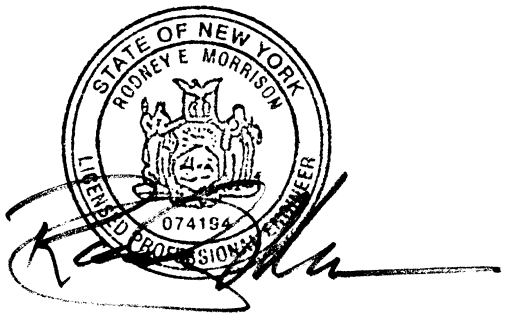
Submitted

December 1, 2021

Prepared for

Admiral Halsey II, L.P.

909 Third Avenue, 21st Floor
New York City, NY 10022



Prepared by

Land Planning ♦ Civil Engineering ♦ Environmental Services ♦ Land Surveying ♦ Landscape Architecture

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LRC Environmental Services, Inc.

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- 2.2 Proposed Water Supply
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- 2.4 Fire Suppression

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- 3.1 Design Wastewater Flows
- 3.2 Existing Wastewater Treatment
- 3.3 Wastewater Infrastructure Improvements

4.0 WATER AND WASTEWATER SERVICES – CONCLUSION

APPENDICES

Appendix A – Sewer and Water Calculations

1.0 INTRODUCTION

The subject property is a 2.285 acre parcel located at 135 Main Street in the City of Poughkeepsie. The property is identified as Tax Parcel 6062-76-911183 according to the Dutchess County Parcel Access Records. The site is located on the east side of North Perry Street and the north side of Main Street. The project has UTM coordinates of 588728 Easting and 4617715 Northing. Below in ***Figure 1*** is a vicinity map showing the outer limits of the property (shown in blue).

The property is located within the R-6 zoning district. The site is currently developed with an existing 13 story high-rise affordable housing building (Admiral Halsey I). The site includes an existing parking area, with associated sidewalks and landscape areas.

The proposed development will subdivide the existing lot into two (2) proposed lots. The existing high-rise building will remain on Lot 1. A proposed 5 story affordable housing building will be constructed on Lot 2 with associated parking, sidewalks and landscaped area.

2.0 WATER SERVICES

2.1 Domestic Water Demand

The estimated consumption values were derived from Table B-3 "Typical per Unit Hydraulic Loading Rates" of the New York State Department of Environmental Conservation (NYSDEC) Division of Water "Design Standards for Intermediate Sized Wastewater Treatment Systems", March 5, 2014. A summary of the projected sanitary sewer flow/water consumption is as follows:

ADMIRAL HALSEY					
Sanitary Sewer Flow / Water Computation Projections					
EXISTING SITE					
Location	**Use**	**Size**		**Rate**	**Flow (GPD)**
Overall Site	Assisted Living	79,482	SQ FT		
		119	Beds	110	13,090
PROPOSED DEVELOPMENT					
Location	**Use**	**Size**		**Rate**	**Flow (GPD)**
Lot 2	Assisted Living		SQ FT		
		72	Beds	110	7,920
				Total Proposed Daily Flow:	**7,920**
				Overall Daily Flow:	**21,010**

Based on the calculated sewer and water usage, the proposed project will increase the daily flow by 7,920 GPD.

2.2 Proposed Water Supply

Water supply for the project will be provided from the City of Poughkeepsie Municipal Water System. The water is supplied by the joint Town and City water treatment facility located at 3431 North Road, Poughkeepsie, NY 12601. The existing building is connected to an existing 12" water main located on

the west side of North Perry Street. The water supply for the purposed building will also connect into the same 12" water main located on the west side of North Perry Street.

2.3 Water Infrastructure Improvements

A water meter and backflow prevention will be installed in the mechanical room in the proposed building. The proposed building will also include an FDC connection on the side of the building.

2.4 Fire Suppression

The proposed building will be equipped with sprinkler systems in accordance with NFPA guidelines. There are no new fire hydrants proposed as part of the site plan. Existing municipal fire hydrants are located on the west side of North Perry Street and the north side of Main Street. During final design of the fire suppression system, the City Fire Department will be consulted to determine if any additional requirements will be required to meet the City's Fire Department needs.

3.0 WASTEWATER SERVICES

3.1 Design Wastewater Flows

As discussed in section 2.1 the estimated consumption values are derived from Table B-3 "Typical per Unit Hydraulic Loading Rates" of the New York State Department of Environmental Conservation (NYSDEC) Division of Water "Design Standards for Intermediate Sized Wastewater Treatment Systems", March 5, 2014. The total average day demand for sewer and water is 7,920 GPD for the proposed building. Using a peaking factor of 4.0 as recommended by the NYSDEC the design max hourly flow rate is 22 GPM.

3.2 Existing Wastewater Treatment

The project will connect to the existing municipal sewer collection system. Wastewater generated at the site will be treated by the City/Town of Poughkeepsie Municipal Wastewater Treatment Plant. The plant is located off Hudson Street in the Town of Poughkeepsie.

3.3 Wastewater Infrastructure Improvements

The wastewater is discharged to the existing 12" municipal line in North Perry Street through a proposed 6" sanitary sewer line. The proposed 6" sewer line will connect to the existing line through a proposed doghouse manhole.

4.0 WATER AND WASTEWATER SERVICES – CONCLUSION

The new development will have total sewer and water usage of 7,920 GPD. The water and sewer system will be connected to the City of Poughkeepsie water and sewer systems, using the existing infrastructure at the site. The proposed water and wastewater services, from the City Water District and Sewer District, have adequate infrastructure and capacity, according to the City.

APPENDIX A

Sewer and Water Calculations

Project	Admiral Halsey			Project #:	21-2730
Calculations By:	BLS	Checked By:	KFC	Date:	5/25/2021

Location: 135 Main Street
Parcel ID: 6062-76-911183
Project: Admiral Halsey Proposed Building

ADMIRAL HALSEY

Sanitary Sewer Flow / Water Computation Projections

EXISTING SITE

Location	Use	Size		Rate	Flow (GPD)
Overall Site	Assissted Living	79,482	SQ FT		
		119	Beds	110	13,090

PROPOSED DEVELOPMENT

Location	Use	Size		Rate	Flow (GPD)
Lot 2	Assissted Living		SQ FT		
		72	Beds	110	7,920
				Total Proposed Additional Daily Flow:	**7,920**
				Overall Daily Flow:	**21,010**

SUPPLEMENTAL DATA INFORMATION

Prepared for

ADMIRAL HALSEY II

Located at

135 Main Street
City of Poughkeepsie, Dutchess County, NY
Tax ID 6062-76-911183

Submitted

September 9, 2022

Prepared for

Omni New York

909 Third Avenue, 21st Floor
New York City, New York 10022

Prepared by

Land Planning ♦ Civil Engineering ♦ Environmental Services ♦ Land Surveying ♦ Landscape Architecture

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Offices in Connecticut, New York and New Jersey

LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

Appendices

Appendix A: Soil and Materials Management Plan

Appendix B: Parking Report

Appendix A:

Soil and Materials Management Plan

SOIL & MATERIALS MANAGEMENT PLAN

ADMIRAL HALSEY II

135 MAIN STREET

POUGHKEEPSIE, NEW YORK

Prepared For:

Omni New York LLC

909 Third Avenue, 21st Floor

New York, NY 10022

Prepared By:

HK Engineering & Geology D.P.C.

1600 Route 22 East

Union, NJ 07083

Project No. HK2615

AUGUST 2022

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INTRODUCTION & SITE BACKGROUND

The Site is identified as Admiral Halsey II located at 135 Main Street, Poughkeepsie, New York. The subject site location is slated for redevelopment to construct an affordable housing building with 72 income restricted units (efficiency and one-bedroom) for seniors. The Property is currently improved with an existing high-rise affordable housing building (Admiral Halsey I). The property will be subdivided into two (2) lots to permit the development. Subdivided Lot 1 will be 40,656.67 square feet (0.933 acres) and contain the existing 86,745 square foot building. Subdivided Lot 2 will be 58,899.04 square feet (1.35 acres) and contain the proposed new 4-5 story 61,286 square foot building. The subject property is located in an R6 zoning district. Figure 1 shows the site location.

A Limited Phase II Environmental Investigation was completed by Hillmann Consulting, LLC in March 2019 at the Site. Eight borings were advanced 6-10 feet below ground surface (bgs) with eight soil samples and three groundwater samples collected to observe subsurface conditions at the Site. Subsurface material consisted of mainly urban fill throughout each boring. Boring advancement was terminated following encountering groundwater approximately 6.5 feet bgs. Samples were analyzed for the Target Analyte List/Target Compound List (TAL/TCL+30) which includes: Volatile Organic Compounds (VOCs) by EPA method 8260 and Semi-Volatile Organic Compounds (SVOCs) by EPA method 8270, pesticides and polychlorinated biphenyls (PCBs) by EPA method 8081 and 8082 and TAL metals by EPA method 6010.

The soil and groundwater samples were compared to the applicable New York State Department of Environmental Conservation's (NYSDEC) Soil Cleanup Objectives (SCOs) for Unrestricted Use (UU) and Restricted-Residential Use (RRU) and Technical & Operational Guidance Series (TOGS) Groundwater Quality Standards (GQS); respectively.

In summary, the soil laboratory results indicated various exceedances of the Unrestricted Use Soil Cleanup Level but not the Restricted-Residential Soil Cleanup Level. The various detections are suspected as attributed to the historic fill material located on the Property. Arsenic was the only

compound in soil detected above the RRUSCO in several soil samples. The Arsenic detections are suspected as attributed to historic property use or historic fill material.

The metals exceedances detected in groundwater are suspected as attributed to turbidity/particulates suspended in groundwater associated with temporary well point installation and not dissolved groundwater contamination. Several of the detected metals including Sodium, Selenium, Magnesium, Beryllium, Silver, and Nickel, are typically naturally occurring/background conditions.

Based on the results and subsurface characterization, proposed site redevelopment activities that consist of removal of existing soil and groundwater shall be disposed of in accordance with federal, state, and local regulations. The Phase II soil analysis completed at the Site indicates the soil can be disposed of as non-hazardous solid waste/urban fill; however, full characterization and acceptance of solid waste is dependent on the receiving facility. In the event that groundwater or a hotspot is encountered during intrusive activities, sampling and dewatering activities for groundwater should be followed as part of this plan.

The Phase II (including the sampling location diagram and summary tables) is included as Attachment A.

SOIL & MATERIALS MANAGEMENT PLAN

This Soil & Materials Management Plan (SMMP) has been developed to address the proposed soil waste excavation, relocation, grading, sediment and erosion control, staging area, handling, stockpiling and placement of any waste/fill excavated and encountered at 135 Main Street, Poughkeepsie New York (Site). Below, the proposed measures for typical waste sampling, laboratory chemical analysis, and disposal/reuse are outlined. Any future intrusive work that will disturb residual soil/fill beneath the property, including modifications or repairs to the existing composite cover system, should be performed in compliance with this (SMMP). All intrusive construction work should be compliant with this SMMP, Federal, State and local regulations.

Stockpile Methods

If stockpiles are used to isolate excavated soil or other solid material such as concrete or asphalt they are to be removed as soon as practicable. Excavated soils that will be stockpiled at on grade surfaces should be covered at a minimum with double layers of 6-mil minimum sheeting prior to daily site departure or before precipitation events to eliminate storm runoff. While stockpiles are in place, they will be inspected daily, and before and after every storm event. The stockpiles will be kept covered at all times with appropriately anchored plastic tarps or other anchoring mechanism. Broken or ripped tarps will be promptly replaced.

All stockpile activities should be compliant with applicable laws and regulations. Soil stockpile areas shall be appropriately graded to control runoff in accordance with applicable laws and regulations. Stockpiles of excavated soils and other materials shall be located at least of 50 feet from the property boundaries, where possible. Hay bales or equivalent should surround soil stockpiles except for areas where access by equipment is required. Silt fencing and hay bales shall be used as needed near catch basins, surface waters and other discharge points.

Waste Characterization of Excavated Materials

Soil/fill or other excavated media that is transported off-Site for disposal should be sampled in a manner required by the receiving facility, and in compliance with applicable laws and regulations. Typical soil characterization analysis comprises of TAL/TCL+30 compounds which include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals,

polychlorinated biphenyls (PCBs), pesticides, and total cyanide. Additional soil characterization analyses may include TCLP metals and RCRA characteristics. The specific sample requirements should be provided by the applicable soil disposal facility.

Stabilized Construction Entrance

Steps shall be taken to ensure that trucks departing the site will not track soil, fill or debris off-Site. Such actions may include use of cleaned asphalt or concrete pads or use of stone or other aggregate-based egress paths between the truck inspection station and the property exit. A gravel pad at the entrance of the site should be at least 6-12 inches thick where vehicles are to be staged. This gravel pad should be continually refreshed as needed to separate vehicles from bare soil. Measures are to be taken to ensure that adjacent roadways will be kept clean of project related soils, fill and debris.

Materials Excavation, Load-Out, and Departure

The appointed representative of the Responsible Party overseeing the soil excavation work should:

- Field screen soil (visually, olfactory, photo-ionization detector, if applicable) outward for contamination;
- Oversee excavation and load-out of excavated material;
- Ensure that there is a party responsible for the safe execution of invasive and other work performed under this work plan;
- Ensure that Site development-related and maintenance activity grading cuts will not interfere with, or otherwise impair or compromise adjacent properties and/or structures;
- Ensure that the presence of utilities and easements on the Site has been investigated and any identified risks from work proposed under this plan are properly addressed by appropriate parties;
- Ensure that all outbound trucks or vehicles are set up on a thick 6–12-inch gravel pad prior to entry for load out. Gravel pad should be refreshed as needed;
- Loaded outbound trucks are to be inspected and cleaned by brushing and/or power washing if necessary, including tires, before leaving the Site;
- Ensure that all egress points for truck and equipment transport from the Site will be kept clean of Site-derived materials during soil transport.

- Locations where vehicles exit the Site shall be inspected daily for evidence of soil tracking off premises. Cleaning of the site entry, public walkway, and adjacent streets are to be performed as needed to maintain a clean condition with respect to Site-derived materials.

Off-Site Materials Transport

Loaded vehicles leaving the Site must comply with all applicable materials transportation requirements (including appropriate covering, manifests, and placards) in accordance with applicable laws and regulations. Including use of licensed haulers in accordance with 6 NYCRR Part 364. If loads contain wet material capable of causing leakage from trucks, truck liners are to be used. Queuing of trucks should be performed on-Site, when possible, in order to minimize off Site disturbance. Off-Site queuing should be minimized.

Materials Disposal Off-Site

All impacted soil/fill or other waste excavated and removed from the Site should be managed as regulated material and disposed in accordance with applicable laws and regulations. Historic fill and contaminated soils taken off-Site shall be handled as solid waste and should not be disposed at a Part 360-16 Registration Facility (also known as a Soil Recycling Facility). Waste characterization should be performed for off-Site disposal in a manner required by the receiving facility and in conformance with its applicable permits prior to soil load out. A manifest system for off-Site transportation of exported materials should be employed and kept on record at least 3 years after shipping. If hazardous waste is later derived from on-Site activities this waste shall be stored, transported, and disposed of in compliance with applicable laws and regulations.

Materials Reuse On-Site

If existing material is slated to be reused onsite the soil should be non-contaminated and in compliance with applicable regulations and site use. All excavated soil intended for reuse during any future repair or construction purposes should be placed in the same excavation it was derived from or be disposed off-site unless otherwise approved beforehand.

Organic matter (wood, roots, stumps, etc.) or other waste derived materials (i.e. tires) from clearing and grubbing of the Site will not be buried on-Site. Soil or fill excavated from the site for grading or other purposes will not be reused within a cover soil layer or within landscaping berms.

Hotspot Demarcation

Any contamination hotspots found during construction activity, shall be remediated. If invasive remedial activities are needed, the top of the residual soil/fill should be defined by one of three methods: (1) placement of a demarcation layer. The demarcation layer will consist of geosynthetic fencing or equivalent material to be placed on the surface of residual soil/fill to provide an observable reference layer; (2) a land survey of the top elevation of residual soil/fill before the placement of cover soils, pavement and associated sub-soils, or other materials or structures; (3) all materials beneath the approved cover will be considered impacted and subject to site management after the remedy is complete. Demarcation may be established by one or any combination of these three methods. As appropriate, a map showing the method of demarcation for the Site should be made available.

Import of Backfill Soil from Off-Site Sources

In the event that soil importation is needed for backfilling purposes, this section presents the recommendations for imported materials.

All imported soils should be approved and cover soil quality objectives for this Site. Imported soils should not exceed groundwater protection standards established in Part 375 and must meet the criteria for specific use in accordance with NYSDEC restricted-residential use soil cleanup objectives. A process should be established to evaluate sources of backfill and cover soil to be imported to the Site, and include an examination of source location, current and historical use(s), and any applicable documentation. Material from industrial sites, spill sites, environmental remediation sites or other potentially contaminated sites are not to be imported to the Site.

The following potential sources may be used pending attainment of backfill and cover soil quality objectives:

- Clean soil from construction projects at non-industrial sites in compliance with applicable laws and regulations;

- Clean soil from roadway or other transportation-related projects in compliance with applicable laws and regulations;
- Clean recycled concrete aggregate (RCA) from facilities permitted or registered by the regulations of NYSDEC.

Recycled concrete aggregate (RCA) used should be imported from facilities permitted or registered by NYSDEC. The appointed representative is responsible to ensure that the facility is compliant with 6NYCRR Part 360 registration and permitting requirements for the period of acquisition of RCA. RCA imported from compliant facilities will not require additional testing, unless required by NYSDEC under its terms for operation of the facility. RCA imported to the Site must be derived from recognizable and uncontaminated concrete. RCA material is not acceptable for, and will not be used as cover material.

Dewatering/ Fluids Management

Previous Phase II Subsurface investigation indicated depth to groundwater at approximately 6-6.5 feet below ground surface. If excavation activities are to occur, dewatering is likely to be necessary during construction activities.

If necessary, all liquids to be removed from the Site, including dewatering fluids, are to be handled, transported and disposed in accordance with applicable laws and regulations. Liquids discharged into the Poughkeepsie sewer system must receive prior approval by the Town of Poughkeepsie. Discharge to the Town of Poughkeepsie sewer system will require an authorization and sampling data demonstrating that the groundwater meets the City's discharge criteria.

If applicable, dewatering fluid should be pretreated as necessary to meet the Town of Poughkeepsie discharge criteria. If needed, dewatering for this site should utilize a pumping system, settling tanks, possibly a treatment system prior to discharge into the city sewer system. If discharge to the Poughkeepsie sewer system is not appropriate, the dewatering fluids will be managed by transportation and disposal at an off-Site treatment facility. All required permits should be obtained from Town of Poughkeepsie prior to any discharge of groundwater into the sewer system. Discharge of water generated during construction to surface waters (i.e. a stream or river) is

prohibited without a SPDES permit issued by New York State Department of Environmental Conservation.

Stormwater Pollution Prevention

Erosion and sediment control measures identified in this remedial plan (silt fences and barriers, and hay bale checks) are to be installed around the entire perimeter of the construction area and inspected once a week and after every storm event to ensure that they are operating appropriately. Discharge locations are to be inspected to determine whether erosion control measures are effective in preventing significant impacts to receptors. All necessary repairs shall be made immediately. Accumulated sediments are to be removed as required to keep the barrier and hay bale check functional. Undercutting or erosion of the silt fence toe anchor should be repaired immediately with appropriate backfill materials. Manufacturer's recommendations should be followed for replacing silt fencing damaged due to weathering.

Contingency Plan for Unknown Contamination Sources

This contingency plan is developed for the construction to address the discovery of unknown structures or contaminated media during excavation; if encountered. Identification of unknown contamination source areas during invasive Site work should be promptly communicated to the appointed site representative. Petroleum spills will be reported to the NYSDEC Spill telephone Hotline 1-800-457-7362. If previously unidentified contaminant sources are found during on-Site excavation or development-related excavation, sampling should be performed on contaminated source material and surrounding soils. Chemical analytical testing is recommended to be performed for TAL metals, TCL volatiles and semi-volatiles, TCL pesticides and PCBs, as appropriate.

If an underground storage tank is encountered during invasive activities the contingency plan to properly address is as follows:

- Notify State and local officials
- Find a NYS Contractor licensed for tank removal
- Excavate to top of the tank
- Drain and remove all product from the tank and product lines

- Inert the tank to mitigate explosive risks; don gas monitoring if entry is needed
- Prepare tank for disposal

Odor Control

All necessary means are to be employed to prevent on- and off-Site odor nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) use of foams to cover exposed odorous soils. If odors develop and cannot be controlled by these means, additional means to eliminate odor nuisances should include: (d) direct load-out of soils to trucks for off-Site disposal; and (e) use of chemical odorants in spray or misting systems.

The odor control plan must be capable of controlling emissions of nuisance odors. If nuisance odors are identified, work is to be halted, and the source of odors must be identified and corrected. Work should not resume until all nuisance odors have been abated. Implementation of all odor controls, including halt of work, will be the responsibility of appointed representative.

Dust Control

Dust management during invasive on-Site work should include, at a minimum:

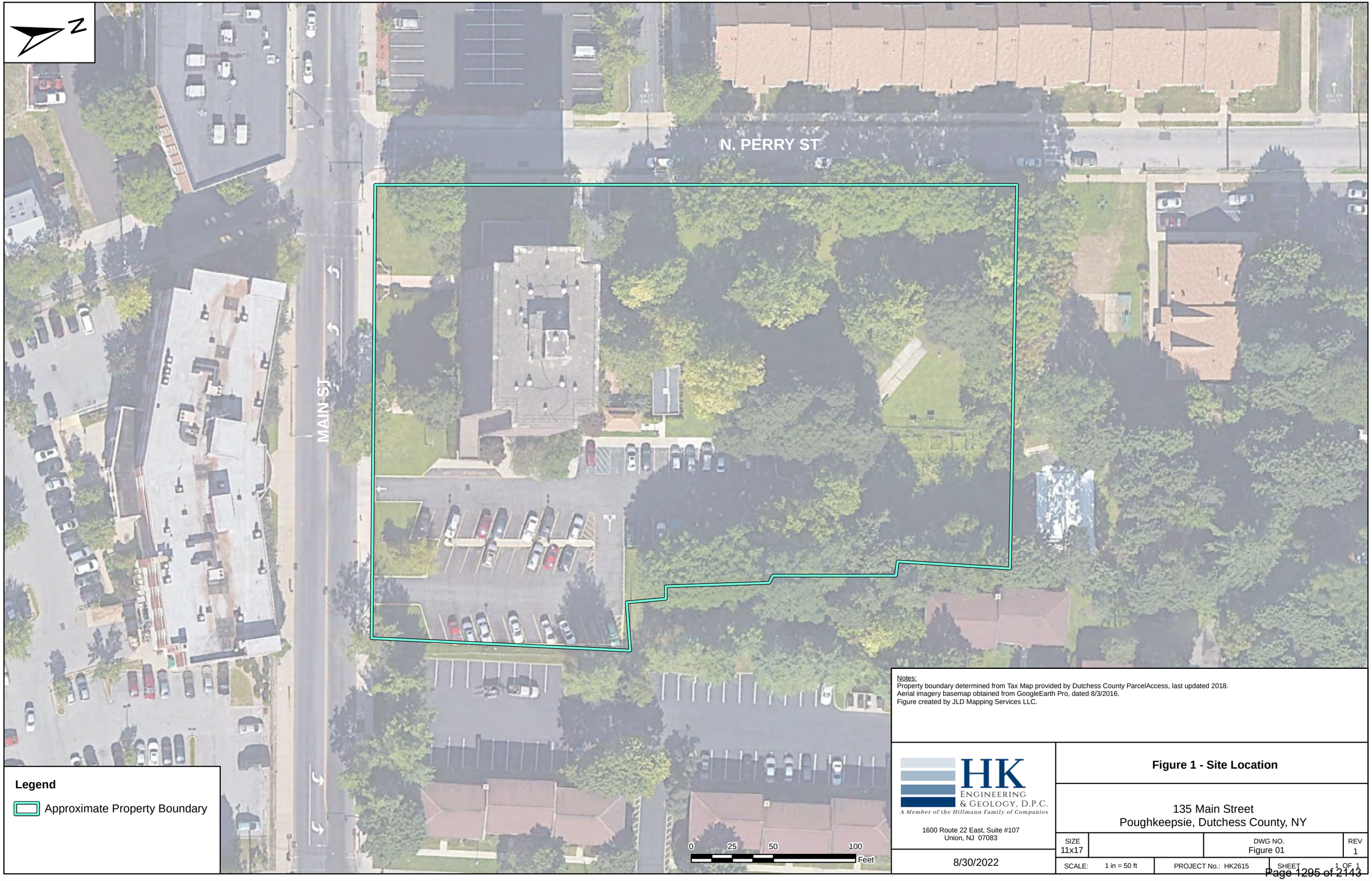
- Use of a dedicated water spray methodology for roads, excavation areas and stockpiles;
- Use of properly anchored tarps to cover soil/fill stockpiles;
- Exercise extra care during dry and high-wind periods; and
- Use of asphalt millings, gravel or recycled concrete aggregate on egress and other roadways to provide a clean and dust-free road surface.

If nuisance dust emissions are identified, work should be halted and the source of dust must be identified and corrected. Work will not resume until all nuisance dust emissions have been abated. Implementation of all dust controls, including halt of work, will be the responsibility of the appointed representative.

Noise

Noise control will be exercised during the remedial program. All remedial work will conform, at a minimum, to New York State noise control standards.

FIGURES



Legend

Approximate Property Boundary

Notes:
Property boundary determined from Tax Map provided by Dutchess County ParcelAccess, last updated 2018.
Aerial imagery basemap obtained from GoogleEarth Pro, dated 8/3/2016.
Figure created by JLD Mapping Services LLC.

HK ENGINEERING & GEOLOGY, D.P.C.
A Member of the Hillmann Family of Companies

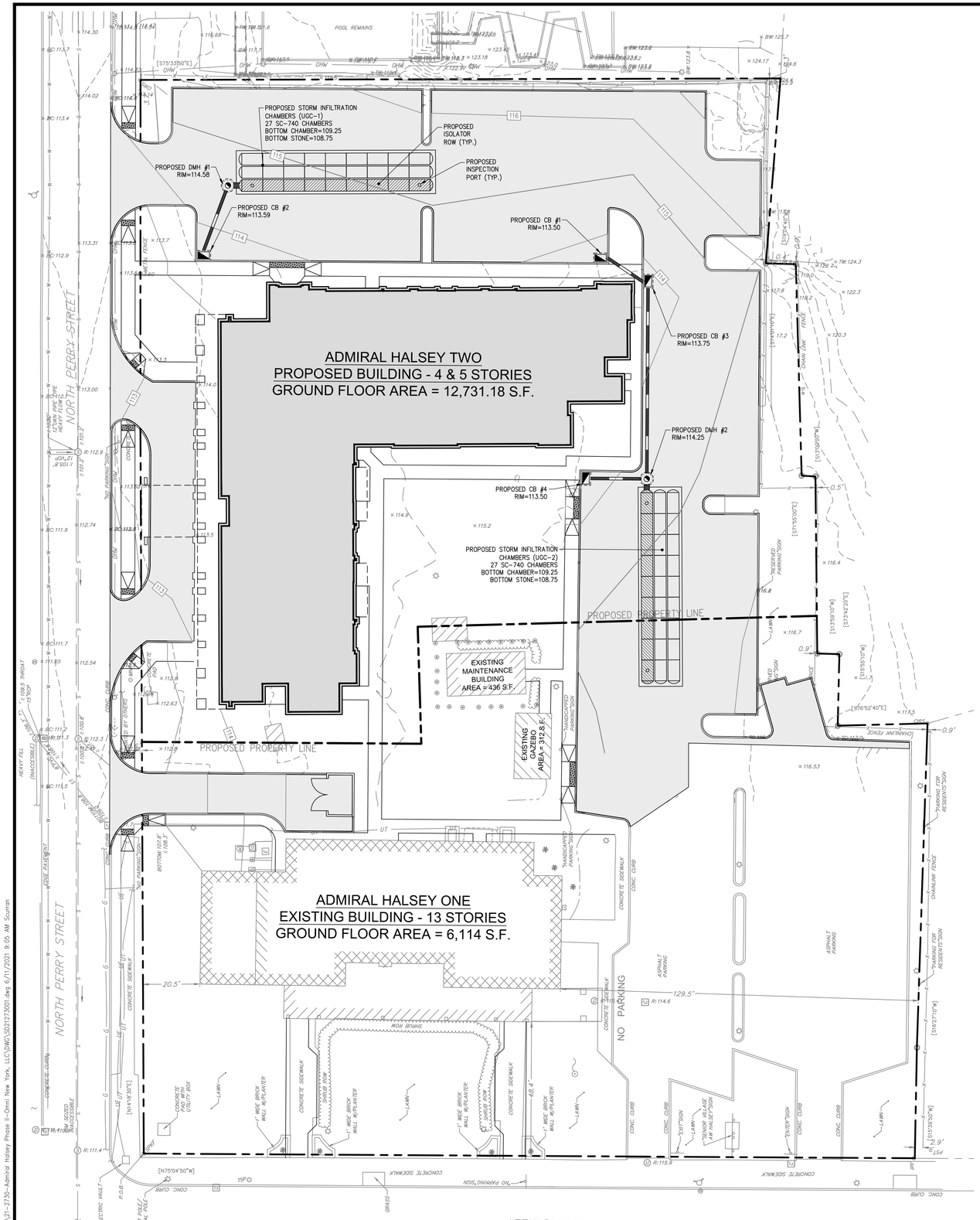
1600 Route 22 East, Suite #107
Union, NJ 07083

8/30/2022

Figure 1 - Site Location

135 Main Street
Poughkeepsie, Dutchess County, NY

SIZE		DWG NO.	REV
11x17		Figure 01	1
SCALE: 1 in = 50 ft	PROJECT No.: HK2615	SHEET	1 OF 1



LEGEND

PROPOSED ASPHALT

PROPOSED STORM PIPE

GRAPHIC SCALE

20 10 0 20

SCALE IN FEET

SITE DRAINAGE PLAN

ADMIRAL HALSEY II

125 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Revisions	Description	Date

LRC GROUP

- Land Planning
- Civil Engineering
- Environmental Services
- Land Surveying
- Landscape Architecture

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LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

Design/Calcs	BS	CAD File	SD21273001.dwg	Sheet No.
Drawn	SMC	Project No.	20-2370	SD-1
Checked	KFC	Date	2021-06-22	
Approved	REM	Scale	1"=20'	

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ATTACHMENT A

Phase II Subsurface Investigation Report

HILLMANN
CONSULTING

April 8, 2019

Ms. Elizabeth Moronta
Omni New York LLC
909 Third Avenue, 21st Floor
New York, NY 10022

Re: Phase II Subsurface Investigation Report
135 Main Street
Poughkeepsie, NY
Hillmann Project #G6-2423

Dear Ms. Moronta:

As requested, Hillmann Consulting, LLC (Hillmann) conducted a Phase II Subsurface Investigation at 135 Main Street, Poughkeepsie, New York. Based on a previous Phase I Environmental Site Assessment (ESA) completed April 2019, several Controlled Recognized Environmental Conditions (CRECs) were noted at the Property from past investigations and findings including past subsurface investigation and analysis conducted by Hillmann in 2007. The investigation identified semi-volatile organic compounds (SVOCs) and metals in soil and groundwater but was attributed to historic urban material. Historic property use at the Property includes a mid-19 century to early 20th century manufactured gas plant and use of a underground storage tank (UST) for gasoline depicted in a 1952 fire insurance map. A 10,000 gallon underground storage tank (UST) also exists at the Property rear of the current building has been closed in place in 1997.

In addition to the CRECs noted at the Property, the rear landscaped portion of the Property is slated for construction activities. No current RECs were identified in the ESA. This Phase II Investigation was conducted to further assess whether the subsurface soil and groundwater was impacted from historic Property use and excavation and dewatering purposes. This Phase II Subsurface Investigation Report presents the findings and recommendations associated with the investigative activities conducted by Hillmann.

FIELD ACTIVITIES (MARCH 20, 2019)

Hand auguring and direct push technology (i.e. Geoprobe®) was used to advance eight borings, SB1 through SB8, in potential areas of concern indicated by the Phase I ESA and to classify soil in planned redevelopment activities. Hand auguring was completed from ground surface to 2 feet below ground surface (bgs) with the drilling completing the remainder of the borings. Borings depths were advanced between 6-10 feet bgs. Boring refusal and bedrock was not encountered.

All recovered soil was field screened using visual and olfactory senses as well as a photoionization detector (PID). Soil stratigraphy consisted of mainly fill material in all soil borings; extending from below ground surface to boring termination. A total of eight soil samples were collected with one sample collected per

boring. Field screening of boring of SB1 indicated a mild petroleum odor and soil staining at the 9-10 foot bgs interval with a PID reading at 10.9ppm. Soil boring logs are included on the attached Table 3.

Groundwater was observed in each boring at various depths ranging from 3-5 feet bgs. Three borings (SB1, SB3 and SB8) were converted to temporary well points (TWP) for collection of groundwater. TWP construction consisted of slotted ¾ inch diameter PVC well pipe inserted into the designated boring with the top approximately 1 foot above the ground surface. Prior to purging, static groundwater levels were measured in these areas prior to collection and depth to water ranged from 6.23 - 6.75 bgs. A peristaltic pump with dedicated tubing was utilized to purge groundwater for collection.

Soil and groundwater samples were placed in laboratory approved containers and kept cool during transport to a New York certified laboratory under chain of custody protocol. Samples were analyzed for the Target Analyte List/Target Compound List (TAL/TCL+30) which includes: Volatile Organic Compounds (VOCs) by EPA method 8260 and Semi-Volatile Organic Compounds (SVOCs) by EPA method 8270, pesticides and polychlorinated biphenyls (PCBs) by EPA method 8081 and 8082 and TAL metals by EPA method 6010.

All sampling locations are shown on the attached Figure 1.

RESULTS

The soil and groundwater samples were compared to the applicable New York State Department of Environmental Conservation's (NYSDEC) Soil Cleanup Objectives (SCOs) for Unrestricted Use (UU) and Restricted-Residential Use (RRU) and Technical & Operational Guidance Series (TOGS) Groundwater Quality Standards (GQS); respectively.

Laboratory results indicated exceedances of VO compound Acetone in soil samples S-5 (0.076 mg/kg) and S-7 (0.6 mg/kg) above the UUSCO standards but below RRUSCO. Three pesticides were in exceedance above the UUSCO but below the RRUSCO in sample S-5 including 4,4'-DDE (0.121 mg/kg), 4,4'-DDT (0.256 mg/kg), and Dieldrin (0.00547 mg/kg).

Metal compound arsenic was detected in exceedance of both UUSCO and RRUSCO in four samples: S-2 (61 mg/kg), S-3 (57.2 mg/kg), S-4 (16.8 mg/kg) and S-6 (21.1 mg/kg). Arsenic was also in exceedance of the UUSCO but below the RRUSCO in sample S-8 (14.1 mg/kg).

Metal compound Copper was identified in soil sample S-6 (53.3 mg/kg), Lead identified in soil sample S-5 (159 mg/kg), and Zinc identified in soil samples S-4 (152 mg/kg) and S-5 (208 mg/kg): all detections were above the UUSCO but below the RRUSCO.

The results of all other analyzed compounds were detected or below the applicable NYSDEC SCOs.

The groundwater samples were compared to the NYSDEC GQS. Several Polycyclic Aromatic Hydrocarbons (PAHs) compounds in samples TWP-1 and TWP-3 and VO compounds in sample TWP-1 were detected in exceedance of the GQS.

TWP-1 PAH compounds in exceedance of the applicable GQS include Benzo(a)anthracene (38 µg/L); Benzo(a)pyrene (29 µg/L); Benzo(b)fluoranthene (22 µg/L); Benzo(k)fluoranthene (23 µg/L), Chrysene (27 µg/L), Fluoranthene (68 µg/L) , and Indeno(1,2,3-cd)pyrene (17 µg/L), Naphthalene (150 µg/L) and Pyrene (58 µg/L). Analyzed VOCs in this location also indicated exceedances above the GQS including 1,2,4-Trimethylbenzene (16 µg/L), 1,3,5-Trimethylbenzene (6.6 µg/L), Benzene (2.7 µg/L), Naphthalene (480 µg/L), o-Xylene (11µg/L), and p/m Xylene (29 µg/L) .

TWP-3 PAH compounds in exceedance of the GWS include Benzo(a)anthracene (2.9 µg/L); Benzo(a)pyrene (3.2 µg/L); Benzo(b)fluoranthene (2.7 µg/L); Benzo(k)fluoranthene (2.6 µg/L), Chrysene (2.8 µg/L), and Indeno(1,2,3-cd)pyrene (2.1 µg/L).

Several metal compounds were detected in exceedance of the GQS in samples TWP-1 and TWP-8. Cyanide was identified in sample TWP-3 (547 µg/L) above the GQS.

A summary of the groundwater results is included as Table 2. Full laboratory data package for both soil and groundwater is including soil as Attachment A.

CONCLUSIONS AND RECOMMEDATIONS

Laboratory results indicated various exceedances of the Unrestricted Use Soil Cleanup Level but not the Restricted-Residential Soil Cleanup Level. The various detections are suspected as attributed to the historic fill material located on the Property. Arsenic that was the only compound in soil detected above the RRUSCO in several soil samples. The Arsenic detections are suspected as attributed to historic property use as a manufactured gas plant or historic fill material.

During site redevelopment activities, all soil slated for removal off-site should be disposed of in accordance with federal, state and local regulations.

The metals exceedances detected in groundwater are suspected as attributed to turbidity/particulates suspended in groundwater associated with temporary well point installation and not dissolved groundwater contamination. Several of the detected metals including Sodium, Selenium, Magnesium, Beryllium, Silver, and Nickel, are typically naturally occurring/background conditions.

Groundwater results from sample TWP-1 indicated VOC and PAH compounds in exceedance of the GQS. These compounds are indicative of possible petroleum contamination due to recorded PID readings and staining observed in the corresponding soil boring.

During site redevelopment activities, groundwater dewatering, if needed, should be performed in accordance with all federal, state and local regulations.

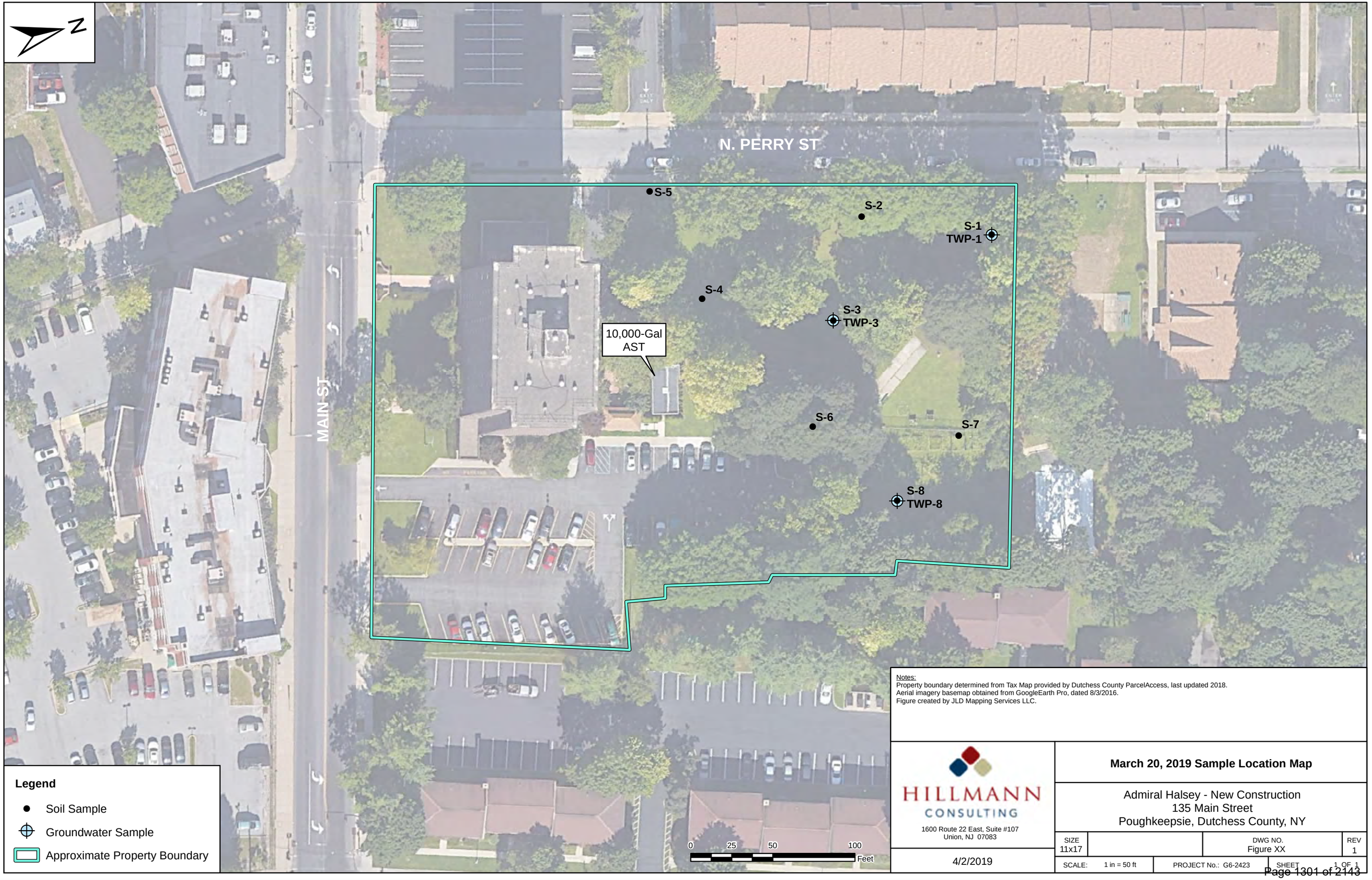
We thank you for the opportunity to provide you with our services. If you have any questions or comments, please feel free to contact us at any time.

Sincerely,

Hillmann Consulting, LLC

Ryan K. Powell, P.G.
Environmental Scientist

Chris Hirschmann, CHMM
Director, Environmental Services



Notes:
Property boundary determined from Tax Map provided by Dutchess County ParcelAccess, last updated 2018.
Aerial imagery basemap obtained from GoogleEarth Pro, dated 8/3/2016.
Figure created by JLD Mapping Services LLC.

HILLMANN CONSULTING
1600 Route 22 East, Suite #107
Union, NJ 07083

4/2/2019

March 20, 2019 Sample Location Map

Admiral Halsey - New Construction
135 Main Street
Poughkeepsie, Dutchess County, NY

SIZE		DWG NO.	REV
11x17		Figure XX	1
SCALE: 1 in = 50 ft	PROJECT No.: G6-2423	SHEET	1 OF 1

Table 1 - Soil Results - VOCs
135 Main Street
Poughkeepsie, New York

Hillmann Consulting, LLC
Project #: G6-2423

Sample Date: 03/20/2019

Target Compounds	Track 1 NYSDEC Unrestricted Use SCO	Track 2 NYSDEC Restricted Residential SCO	S-1 Sample Depth: 5.0-6.0'				S-2 Sample Depth: 5.0-6.0'				S-3 Sample Depth: 5.0-6.0'				S-4 Sample Depth: 5.0-6.0'				S-5 Sample Depth: 5.0-6.0'				S-6 Sample Depth: 5.0-6.0'				S-7 Sample Depth: 3.0-4.0'				S-8 Sample Depth: 5.0-6.0'			
Volatiles (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,1,1,2-Tetrachloroethane	NS	NS	ND		0.00043	0.00011	ND		0.00049	0.00013	ND		0.00066	0.00017	ND		0.0006	0.00016	ND		0.00057	0.00015	ND		0.00051	0.00013	ND		0.025	0.0065	ND		0.00053	0.00014
1,1,1-Trichloroethane	0.68	100	ND		0.00043	0.00014	ND		0.00049	0.00016	ND		0.00066	0.00022	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00051	0.00017	ND		0.025	0.0083	ND		0.00053	0.00018
1,1,2,2-Tetrachloroethane	NS	NS	ND		0.00043	0.00014	ND		0.00049	0.00016	ND		0.00066	0.00022	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00051	0.00017	ND		0.025	0.0082	ND		0.00053	0.00018
1,1,2-Trichloroethane	NS	NS	ND		0.00086	0.00023	ND		0.00098	0.00026	ND		0.0013	0.00035	ND		0.0012	0.00032	ND		0.0011	0.00031	ND		0.001	0.00027	ND		0.05	0.013	ND		0.0011	0.00028
1,1-Dichloroethane	0.27	26	ND		0.00086	0.00012	ND		0.00098	0.00014	ND		0.0013	0.00019	ND		0.0012	0.00017	ND		0.0011	0.00017	ND		0.001	0.00015	ND		0.05	0.0072	ND		0.0011	0.00015
1,1-Dichloroethene	0.33	100	ND		0.00086	0.0002	ND		0.00098	0.00023	ND		0.0013	0.00031	ND		0.0012	0.00028	ND		0.0011	0.00027	ND		0.001	0.00024	ND		0.05	0.012	ND		0.0011	0.00025
1,1-Dichloropropene	NS	NS	ND		0.00043	0.00014	ND		0.00049	0.00016	ND		0.00066	0.00021	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00051	0.00016	ND		0.025	0.0079	ND		0.00053	0.00017
1,2,3-Trichlorobenzene	NS	NS	ND		0.0017	0.00028	ND		0.002	0.00032	ND		0.0026	0.00042	ND		0.0024	0.00038	ND		0.0023	0.00037	ND		0.002	0.00033	ND		0.099	0.016	ND		0.0021	0.00034
1,2,3-Trichloropropane	NS	NS	ND		0.0017	0.00011	ND		0.002	0.00012	ND		0.0026	0.00017	ND		0.0024	0.00015	ND		0.0023	0.00014	ND		0.002	0.00013	ND		0.099	0.0063	ND		0.0021	0.00014
1,2,4,5-Tetramethylbenzene	NS	NS	0.00016	J	0.0017	0.00016	ND		0.002	0.00019	ND		0.0026	0.00025	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.002	0.00019	0.012	J	0.099	0.0094	ND		0.0021	0.0002
1,2,4-Trichlorobenzene	NS	NS	ND		0.0017	0.00023	ND		0.002	0.00027	ND		0.0026	0.00036	ND		0.0024	0.00032	ND		0.0023	0.00031	ND		0.002	0.00028	ND		0.099	0.013	ND		0.0021	0.00029
1,2,4-Trimethylbenzene	3.6	52	0.00048	J	0.0017	0.00029	ND		0.002	0.00033	ND		0.0026	0.00044	ND		0.0024	0.0004	ND		0.0023	0.00038	ND		0.002	0.00034	0.04	J	0.099	0.016	ND		0.0021	0.00036
1,2-Dibromo-3-chloropropane	NS	NS	ND		0.0026	0.00086	ND		0.0029	0.00098	ND		0.0039	0.0013	ND		0.0036	0.0012	ND		0.0034	0.0011	ND		0.003	0.001	ND		0.15	0.049	ND		0.0032	0.0011
1,2-Dibromoethane	NS	NS	ND		0.00086	0.00024	ND		0.00098	0.00027	ND		0.0013	0.00037	ND		0.0012	0.00033	ND		0.0011	0.00032	ND		0.001	0.00028	ND		0.05	0.014	ND		0.0011	0.0003
1,2-Dichlorobenzene	1.1	100	ND		0.0017	0.00012	ND		0.002	0.00014	ND		0.0026	0.00019	ND		0.0024	0.00017	ND		0.0023	0.00016	ND		0.002	0.00014	ND		0.099	0.0071	ND		0.0021	0.00015
1,2-Dichloroethane	0.02	3.1	ND		0.00086	0.00022	ND		0.00098	0.00025	ND		0.0013	0.00034	ND		0.0012	0.00031	ND		0.0011	0.0003	ND		0.001	0.00026	ND		0.05	0.013	ND		0.0011	0.00027
1,2-Dichloroethene, Total	NS	NS	ND		0.00086	0.00012	ND		0.00098	0.00013	ND		0.0013	0.00018	ND		0.0012	0.00016	ND		0.0011	0.00016	ND		0.001	0.00014	ND		0.05	0.0068	ND		0.0011	0.00014
1,2-Dichloropropane	NS	NS	ND		0.00086	0.00011	ND		0.00098	0.00012	ND		0.0013	0.00016	ND		0.0012	0.00015	ND		0.0011	0.00014	ND		0.001	0.00013	ND		0.05	0.0062	ND		0.0011	0.00013
1,3,5-Trimethylbenzene	8.4	52	ND		0.0017	0.00016	ND		0.002	0.00019	ND		0.0026	0.00025	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.002	0.0002	ND		0.099	0.0096	ND		0.0021	0.0002
1,3-Dichlorobenzene	2.4	49	ND		0.0017	0.00013	ND		0.002	0.00014	ND		0.0026	0.00019	ND		0.0024	0.00018	ND		0.0023	0.00017	ND		0.002	0.00015	ND		0.099	0.0073	ND		0.0021	0.00016
1,3-Dichloropropane	NS	NS	ND		0.0017	0.00014	ND		0.002	0.00016	ND		0.0026	0.00022	ND		0.0024	0.0002	ND		0.0023	0.00019	ND		0.002	0.00017	ND		0.099	0.0083	ND		0.0021	0.00018
1,3-Dichloropropene, Total	NS	NS	ND		0.00043	0.00014	ND		0.00049	0.00015	ND		0.00066	0.00021	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00051	0.00016	ND		0.025	0.0078	ND		0.00053	0.00017
1,4-Dichlorobenzene	1.8	13	ND		0.0017	0.00015	ND		0.002	0.00017	ND		0.0026	0.00022	ND		0.0024	0.0002	ND		0.0023	0.0002	ND		0.002	0.00017	ND		0.099	0.0085	ND		0.0021	0.00018
1,4-Dioxane	0.1	13	ND		0.069	0.03	ND		0.078	0.034	ND		0.1	0.046	ND		0.096	0.042	ND		0.092	0.04	ND		0.081	0.036	ND		4	1.7	ND		0.085	0.037
2,2-Dichloropropane	NS	NS	ND		0.0017	0.00017	ND		0.002	0.0002	ND		0.0026	0.00026	ND		0.0024	0.00024	ND		0.0023	0.00023	ND		0.002	0.0002	ND		0.099	0.01	ND		0.0021	0.00022
2-Butanone	0.12	100	ND		0.0086	0.0019	ND		0.0098	0.0022	ND		0.013	0.0029	ND		0.012	0.0026	ND		0.011	0.0026	ND		0.01	0.0022	ND		0.5	0.11	ND		0.011	0.0024
2-Hexanone	NS	NS	ND		0.0086	0.001	ND		0.0098	0.0012	ND		0.013	0.0015	ND		0.012	0.0014	ND		0.011	0.0014	ND		0.01	0.0012	ND		0.5	0.058	ND		0.011	0.0012
4-Methyl-2-pentanone	NS	NS	ND		0.0086	0.0011	ND		0.0098	0.0012	ND		0.013	0.0017	ND		0.012	0.0015	ND		0.011	0.0015	ND		0.01	0.0013	ND		0.5	0.063	ND		0.011	0.0014
Acetone	0.05	100	0.0067	J	0.0086	0.0041	ND		0.0098	0.0047	0.013		0.013	0.0063	0.012		0.012	0.0057	**0.076**		0.011	0.0055	0.0056	J	0.01	0.0049	**0.6**		0.5	0.24	ND		0.011	0.0051
Acrylonitrile	NS	NS	ND		0.0034	0.00099	ND		0.0039	0.0011	ND		0.0052	0.0015	ND		0.0048	0.0014	ND		0.0046	0.0013	ND		0.004	0.0012	ND		0.2	0.057	ND		0.0043	0.0012
Benzene	0.06	4.8	0.00016	J	0.00043	0.00014	ND		0.00049	0.00016	ND		0.00066	0.00022	ND		0.0006	0.0002	ND		0.00057	0.00019	ND		0.00051	0.00017	0.053		0.025	0.0082	0.0008		0.00053	0.00018
Bromobenzene	NS	NS	ND		0.0017	0.00012	ND		0.002	0.00014	ND		0.0026	0.00019	ND		0.0024	0.00017	ND		0.0023	0.00017	ND		0.002	0.00015	ND		0.099	0.0072	ND		0.0021	0.00015
Bromochloromethane	NS	NS	ND		0.0017	0.00018	ND		0.002	0.0002	ND		0.0026	0.00027	ND		0.0024	0.00024	ND		0.0023	0.00024	ND		0.002	0.00021	ND		0.099	0.01	ND		0.0021	0.00022
Bromodichloromethane	NS	NS	ND		0.00043	0.00009	ND		0.00049	0.00011	ND		0.00066	0.00014	ND		0.0006	0.00013	ND		0.00057	0.00012	ND		0.00051	0.00011	ND		0.025	0.0054	ND		0.00053	0.00012
Bromoform	NS	NS	ND		0.0034	0.00021	ND		0.0039	0.00024	ND		0.0052	0.00032	ND		0.0048	0.00029	ND		0.0046	0.00028	ND		0.004	0.00025	ND		0.2	0.012	ND		0.0043	0.00026
Bromomethane	NS	NS	ND		0.0017	0.0005	ND		0.002	0.00057	ND		0.0026	0.00076	ND		0.0024	0.00069	ND		0.0023	0.00067	ND		0.002	0.00059	ND		0.099	0.029	ND		0.0021	0.00062
Carbon disulfide	NS	NS	ND		0.0086	0.0039	ND		0.0098	0.0045	ND		0.013	0.006	ND		0.012	0.0054	ND		0.011	0.0052	ND		0.01	0.0046	ND		0.5	0.22	ND		0.011	0.0048
Carbon tetrachloride	0.76	2.4	ND		0.00086	0.0002	ND		0.00098	0.00022	ND		0.0013	0.0003	ND		0.0012	0.00027	ND		0.0011	0.00026	ND		0.001	0.00023	ND		0.05	0.011	ND		0.0011	0.00024
Chlorobenzene	1.1	100	ND		0.00043	0.00011	ND		0.00049	0.00012	ND		0.00066	0.00017	ND		0.0006	0.00015	ND		0.00057	0.00014	ND		0.00051	0.00013	ND		0.025	0.0063	ND		0.00053	0.00014
Chloroethane	NS	NS	ND		0.0017	0.00039	ND		0.002	0.00044	ND		0.0026	0.00059	ND		0.0024	0.00054	ND		0.0023	0.00052	ND		0.002	0.00046	ND		0.099	0.022	ND		0.0021	0.00048
Chloroform	0.37	49	ND		0.0013	0.00012	ND		0.0015	0.00014	ND		0.002	0.00018	ND		0.0018	0.00017	ND		0.0017	0.00016	ND		0.0015	0.00014	ND		0.074	0.0069	ND		0.0016	0.00015
Chloromethane	NS	NS	ND		0.0034	0.0008	ND		0.0039	0.00091	ND		0.0052	0.0012	ND		0.0048	0.0011	ND		0.0046	0.0011	ND		0.004	0.00094	ND		0.2	0.046	ND		0.0043	0.00099
cis-1,2-Dichloroethene	0.25	100	ND		0.00086	0.00015	ND		0.00098	0.00017	ND		0.0013	0.00023	ND		0.0012	0.00021	ND		0.0011	0.0002	ND		0.001	0.00018	ND		0.05	0.0087	ND		0.0011	0.00019
cis-1,3-Dichloropropene	NS	NS	ND		0.00043	0.00014	ND		0.00049	0.00015	ND		0.00066	0.00021	ND		0.0006	0.00019	ND		0.00057	0.00018	ND		0.00051	0.00016	ND		0.025	0.0078	ND		0.00053	0.00017
Dibromochloromethane	NS	NS	ND		0.00086	0.00012	ND		0.00098	0.00014	ND		0.0013	0.00018	ND		0.0012	0.00017	ND		0.0011	0.00016	ND		0.001	0.00014	ND		0.05	0.0069	ND		0.0011	0.00015
Dibromomethane	NS	NS	ND		0.0017	0.0002	ND		0.002	0.00023	ND		0.0026	0.00031	ND		0.0024	0.00028	ND		0.0023	0.00027	ND		0.002	0.00024	ND		0.099	0.012	ND		0.0021	0.00025
Dichlorodifluoromethane	NS	NS	ND		0.0086	0.00078	ND		0.0098	0.0009	ND		0.013	0.0012	ND		0.012	0.0011	ND		0.011	0.001	ND		0.01	0.00093	ND		0.5	0.045	ND		0.011	0.00097
Ethyl ether	NS	NS	ND		0.0017	0.00029	ND		0.002	0.00033	ND		0.0026	0.00045	ND		0.0024	0.00041	ND		0.0023	0.00039	ND		0.002	0.00034	ND		0.099	0.017	ND		0.0021	0.00036
Ethylbenzene	1	41	0.00025	J	0.00086	0.00012	ND		0.00098	0.00014	ND		0.0013	0.00018	ND		0.0012	0.00017	ND		0.0011	0.00016	ND		0.001	0.00014	ND		0.05	0.007	ND		0.0011	0.00015
Hexachlorobutadiene	NS	NS	ND		0.0034	0.00014	ND		0.0039	0.00016	ND		0.0052	0.00022	ND		0.0048	0.0002	ND		0.0046	0.00019	ND		0.004	0.00017	ND		0.2	0.0084	ND		0.0043	0.00018
Isopropylbenzene	NS	NS	ND		0.00086	0.00009	ND		0.00098	0.00011	ND		0.0013	0.00014	ND		0.0012	0.00013	ND		0.0011	0.00012	ND		0.001	0.00011	0.035	J	0.05	0.0054	ND		0.0011	0.00012
Methyl tert butyl ether	0.93	100	ND		0.0017	0.00017	ND		0.002	0.0002	ND		0.0026	0.00026	ND		0.0024	0.00024	ND		0.0023	0.00023	ND		0.002	0.0002	ND		0.099	0.01	ND		0.0021	0.00021
Methylene chloride	0.05	100	ND		0.0043	0.002	ND		0.0049	0.0022	ND		0.0066	0.003	ND		0.006	0.0027	ND		0.0057	0.0026	ND		0.0051	0.0023	ND		0.25	0.11	ND		0.0053	0.0024
Naphthalene	12	100	0.0038		0.0034	0.00056	ND		0.0039	0.00064	0.0025	J	0.0052	0.00085	ND		0.0048	0.00078	ND		0.0046	0.00075	ND		0.004	0.00066	0.18	J	0.2	0.032	ND		0.0043	0.00069
n-Butylbenzene	12	100	ND		0.00086	0.00014	ND		0.00098	0.00016	ND		0.0013	0.00022	ND		0.0012	0.0002	ND		0.0011	0.00019	ND		0.001	0.00017	ND		0.05	0.0083	ND		0.0011	0.00018
n-Propylbenzene	3.9	100	ND		0.00086	0.00015	ND		0.00098	0.00017	ND		0.0013	0.00022	ND		0.0012	0.0002	ND		0.0011	0.0002	ND		0.001	0.00017	ND		0.05	0.0085	ND		0.0011	0.00018
o-Chlorotoluene	NS	NS	ND		0.0017	0.00016	ND		0.002	0.00019	ND		0.0026	0.00025	ND		0.0024	0.00023	ND		0.0023	0.00022	ND		0.002	0.00019	ND		0.099	0.0094	ND		0.0021	0.0002
o-Xylene	NS	NS	0.00026	J	0.00086	0.00025	ND		0.00098	0.00028	ND		0.0013	0.00038	ND		0.0012	0.00035	ND		0.0011	0.00033	ND		0.001	0.00029	0.028	J	0.05	0.014	ND		0.0011	0.00031
p/m-Xylene	NS	NS	0.00056	J	0.0017	0.00048	ND		0.002	0.00055	ND		0.0026	0.00074	ND		0.0024	0.00067	ND		0.0023	0.00064	ND		0.002	0.00057	0.03	J	0.099	0.028	ND		0.0021	0.0006
p-Chlorotoluene	NS	NS	ND		0.0017	0.00009	ND		0.002	0.0001	ND		0.0026	0.00014	ND		0.0024	0.00013	ND		0.0023	0.00012	ND		0.002	0.00011	ND		0.099	0.0053	ND		0.0021	0.00012
p-Diethylbenzene	NS	NS	ND		0.0017	0.00015	ND		0.002	0.00017	ND		0.0026	0.00023	ND		0.0024	0.00021	ND		0.0023	0.0002	ND		0.002	0.00018	ND		0.099	0.0088	ND		0.0021	0.00019
p-Ethyltoluene	NS	NS	ND		0.0017	0.00033	ND		0.002	0.00038	ND		0.0026	0.0005	ND		0.0024	0.00046	ND		0.0023	0.00044	ND		0.002	0.00039	ND		0.099	0.019	ND		0.0021	0.00041
p-Isopropyltoluene	NS	NS	ND		0.00086	0.00009	ND		0.00098	0.00011	ND		0.0013	0.00014	ND		0.0012	0.00013	ND		0.0011	0.00012	ND		0.001	0.00011	ND		0.05	0.0054	ND		0.0011	0.00012
sec-Butylbenzene	11	100	ND		0.00086	0.00012	ND		0.00098	0.00014	ND		0.0013	0.00019	ND		0.0012	0.00017	ND		0.0011	0.00017	ND		0.001	0.00015	ND		0.05	0.0072	ND		0.0011	0.00016
Styrene	NS	NS	ND		0.00086	0.00017	ND		0.00098	0.00019	ND		0.0013	0.00026	ND		0.0012	0.00023	ND		0.0011	0.00022	ND		0.001	0.0002	ND		0.05	0.0097	ND		0.0011	0.00021
tert-Butylbenzene	5.9	100	ND		0.0017	0.0001	ND		0.002	0.00012	ND		0.0026	0.00015	ND		0.0024	0.00014	ND		0.0023	0.00014	ND		0.002	0.00012	ND		0.099	0.0058	ND		0.0021	0.00012
Tetrachloroethene	1.3	19	ND		0.00043	0.00017	ND		0.00049	0.00019	0.00045	J	0.00066	0.00026	ND		0.0006	0.00023	0.00032	J	0.00057	0.00022	ND		0.00051	0.0002	ND		0.025	0.0097	ND		0.00053	0.00021
Toluene	0.7	100	ND		0.00086	0.00047	ND		0.00098	0.00053	ND		0.0013	0.00071	ND		0.0012	0.00065	ND		0.0011	0.00062	ND		0.001	0.00055	ND		0.05	0.027	ND		0.0011	0.00058
trans-1,2-Dichloroethene	0.19	100	ND		0.0013	0.00012	ND		0.0015	0.00013	ND		0.002	0.00018	ND		0.0018	0.00016	ND		0.0017	0.00016	ND		0.0015	0.00014	ND		0.074	0.0068	ND		0.0016	0.00014
trans-1,3-Dichloropropene	NS	NS	ND		0.00086	0.00023	ND		0.00098	0.00027	ND		0.0013	0.00036	ND		0.0012	0.00033	ND		0.0011	0.00031	ND		0.001	0.00028	ND		0.05	0.014	ND		0.0011	0.00029
trans-1,4-Dichloro-2-butene	NS	NS	ND		0.0043	0.0012	ND		0.0049	0.0014	ND		0.0066	0.0019	ND		0.006	0.0017	ND		0.0057	0.0016	ND		0.0051	0.0014	ND		0.25	0.07	ND		0.0053	0.0015
Trichloroethene	0.47	21	ND		0.00043	0.00012	ND		0.00049	0.00013	ND		0.00066	0.00018	ND		0.0006	0.00016	ND		0.00057	0.00016	ND		0.00051	0.00014	ND		0.025	0.0068	ND		0.00053	0.00014
Trichlorofluoromethane	NS	NS	ND		0.0034	0.0006	ND		0.0039	0.00068	ND		0.0052	0.00091	ND		0.0048	0.00083	ND		0.0046	0.0008	ND		0.004	0.0007	ND		0.2	0.034	ND		0.0043	0.00074
Vinyl acetate	NS	NS	ND		0.0086	0.0018	ND		0.0098	0.0021	ND		0.013	0.0028	ND		0.012	0.0026	ND		0.011	0.0025	ND		0.01	0.0022	ND		0.5	0.11	ND		0.011	0.0023
Vinyl chloride	0.02	0.9	ND		0.00086	0.00029	ND		0.00098	0.00033	ND		0.0013	0.00044	ND		0.0012	0.0004	ND		0.0011	0.00038	ND		0.001	0.00034	ND		0.05	0.016	ND		0.0011	0.00036
Xylenes, Total	0.26	100	0.00082	J	0.00086	0.00025	ND		0.00098	0.00028	ND		0.0013	0.00038	ND		0.0012	0.00035	ND		0.0011	0.00033	ND		0.001	0.00029	0.058	J	0.05	0.014	ND		0.0011	0.00031
Total VOCs	NS	NS	0.01237	-	-	-	-	-	-	-	0.01595	-	-	-	0.012	-	-	-	0.07632	-	-	-	0.0056	-	-	-	0.978	-	-	-	0.0008	-	-	-

Results in Yellow Highlight displays exceedance above the UUSCO regulatory standard
Results in Green Highlight displays exceedance above both UUSCO & RRUSCO regulatory standard
J = Concentration detected at a value below the RL and above the MDL for target compounds
P = The RPD between the results for the two columns exceeds the method-specified criteria

NS = No Standard Available
I = The lower value for the two columns has been reported due to obvious interference
ND = Analyzed for but Not Detected at the MDL

Table 1 (Cont'd) - Soil Results - SVOCs
135 Main Street
Poughkeepsie, New York

Hillmann Consulting, LLC
Project #: G6-2423

Target Compounds	Track 1 NYSDEC Unrestricted Use SCO	Track 2 NYSDEC Restricted Residential SCO	S-1 Sample Depth: 5.0-6.0'				S-2 Sample Depth: 5.0-6.0'				S-3 Sample Depth: 5.0-6.0'				S-4 Sample Depth: 5.0-6.0'				S-5 Sample Depth: 5.0-6.0'				S-6 Sample Depth: 5.0-6.0'				S-7 Sample Depth: 3.0-4.0'				S-8 Sample Depth: 5.0-6.0'			
Semivolatiles - BNA (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,2,4,5-Tetrachlorobenzene	NS	NS	ND		0.19	0.02	ND		0.19	0.02	ND		0.22	0.023	ND		0.2	0.021	ND		0.2	0.021	ND		0.19	0.02	ND		0.18	0.019	ND		0.19	0.02
1,2,4-Trichlorobenzene	NS	NS	ND		0.19	0.022	ND		0.19	0.022	ND		0.22	0.026	ND		0.2	0.023	ND		0.2	0.023	ND		0.19	0.022	ND		0.18	0.021	ND		0.19	0.022
1,2-Dichlorobenzene	1.1	100	ND		0.19	0.034	ND		0.19	0.034	ND		0.22	0.04	ND		0.2	0.037	ND		0.2	0.036	ND		0.19	0.035	ND		0.18	0.033	ND		0.19	0.034
1,3-Dichlorobenzene	2.4	49	ND		0.19	0.033	ND		0.19	0.032	ND		0.22	0.039	ND		0.2	0.035	ND		0.2	0.035	ND		0.19	0.033	ND		0.18	0.031	ND		0.19	0.032
1,4-Dichlorobenzene	1.8	13	ND		0.19	0.034	ND		0.19	0.033	ND		0.22	0.039	ND		0.2	0.036	ND		0.2	0.035	ND		0.19	0.034	ND		0.18	0.032	ND		0.19	0.033
2,4,5-Trichlorophenol	NS	NS	ND		0.19	0.037	ND		0.19	0.036	ND		0.22	0.043	ND		0.2	0.039	ND		0.2	0.039	ND		0.19	0.037	ND		0.18	0.035	ND		0.19	0.036
2,4,6-Trichlorophenol	NS	NS	ND		0.12	0.036	ND		0.11	0.036	ND		0.13	0.043	ND		0.12	0.039	ND		0.12	0.038	ND		0.12	0.036	ND		0.11	0.035	ND		0.11	0.036
2,4-Dichlorophenol	NS	NS	ND		0.17	0.031	ND		0.17	0.03	ND		0.2	0.036	ND		0.18	0.033	ND		0.18	0.032	ND		0.17	0.031	ND		0.16	0.029	ND		0.17	0.03
2,4-Dimethylphenol	NS	NS	ND		0.19	0.063	ND		0.19	0.062	ND		0.22	0.074	ND		0.2	0.068	ND		0.2	0.067	ND		0.19	0.064	ND		0.18	0.06	ND		0.19	0.062
2,4-Dinitrophenol	NS	NS	ND		0.92	0.089	ND		0.91	0.088	ND		1.1	0.1	ND		0.98	0.095	ND		0.97	0.094	ND		0.92	0.09	ND		0.88	0.085	ND		0.91	0.088
2,4-Dinitrotoluene	NS	NS	ND		0.19	0.038	ND		0.19	0.038	ND		0.22	0.045	ND		0.2	0.041	ND		0.2	0.04	ND		0.19	0.038	ND		0.18	0.036	ND		0.19	0.038
2,6-Dinitrotoluene	NS	NS	ND		0.19	0.033	ND		0.19	0.032	ND		0.22	0.039	ND		0.2	0.035	ND		0.2	0.035	ND		0.19	0.033	ND		0.18	0.031	ND		0.19	0.032
2-Chloronaphthalene	NS	NS	ND		0.19	0.019	ND		0.19	0.019	ND		0.22	0.022	ND		0.2	0.02	ND		0.2	0.02	ND		0.19	0.019	ND		0.18	0.018	ND		0.19	0.019
2-Chlorophenol	NS	NS	ND		0.19	0.023	ND		0.19	0.022	ND		0.22	0.026	ND		0.2	0.024	ND		0.2	0.024	ND		0.19	0.023	ND		0.18	0.022	ND		0.19	0.022
2-Methylnaphthalene	NS	NS	ND		0.23	0.023	ND		0.23	0.023	ND		0.27	0.027	ND		0.24	0.025	ND		0.24	0.024	ND		0.23	0.023	0.064	J	0.22	0.022	ND		0.23	0.023
2-Methylphenol	0.33	100	ND		0.19	0.03	ND		0.19	0.029	ND		0.22	0.035	ND		0.2	0.032	ND		0.2	0.031	ND		0.19	0.03	ND		0.18	0.028	ND		0.19	0.029
2-Nitroaniline	NS	NS	ND		0.19	0.037	ND		0.19	0.036	ND		0.22	0.043	ND		0.2	0.039	ND		0.2	0.039	ND		0.19	0.037	ND		0.18	0.035	ND		0.19	0.036
2-Nitrophenol	NS	NS	ND		0.41	0.072	ND		0.41	0.071	ND		0.48	0.084	ND		0.44	0.077	ND		0.44	0.076	ND		0.42	0.072	ND		0.39	0.069	ND		0.41	0.071
3,3'-Dichlorobenzidine	NS	NS	ND		0.19	0.051	ND		0.19	0.05	ND		0.22	0.06	ND		0.2	0.054	ND		0.2	0.054	ND		0.19	0.051	ND		0.18	0.049	ND		0.19	0.05
3-Methylphenol/4-Methylphenol	0.33	100	ND		0.28	0.03	ND		0.27	0.03	ND		0.32	0.035	ND		0.29	0.032	ND		0.29	0.032	ND		0.28	0.03	ND		0.26	0.029	ND		0.27	0.03
3-Nitroaniline	NS	NS	ND		0.19	0.036	ND		0.19	0.036	ND		0.22	0.042	ND		0.2	0.038	ND		0.2	0.038	ND		0.19	0.036	ND		0.18	0.034	ND		0.19	0.036
4,6-Dinitro-o-cresol	NS	NS	ND		0.5	0.092	ND		0.49	0.091	ND		0.58	0.11	ND		0.53	0.098	ND		0.53	0.097	ND		0.5	0.092	ND		0.48	0.088	ND		0.49	0.091
4-Bromophenyl phenyl ether	NS	NS	ND		0.19	0.029	ND		0.19	0.029	ND		0.22	0.034	ND		0.2	0.031	ND		0.2	0.031	ND		0.19	0.029	ND		0.18	0.028	ND		0.19	0.029
4-Chloroaniline	NS	NS	ND		0.19	0.035	ND		0.19	0.034	ND		0.22	0.041	ND		0.2	0.037	ND		0.2	0.037	ND		0.19	0.035	ND		0.18	0.033	ND		0.19	0.034
4-Chlorophenyl phenyl ether	NS	NS	ND		0.19	0.02	ND		0.19	0.02	ND		0.22	0.024	ND		0.2	0.022	ND		0.2	0.022	ND		0.19	0.021	ND		0.18	0.02	ND		0.19	0.02
4-Nitroaniline	NS	NS	ND		0.19	0.079	ND		0.19	0.078	ND		0.22	0.093	ND		0.2	0.085	ND		0.2	0.084	ND		0.19	0.08	ND		0.18	0.076	ND		0.19	0.078
4-Nitrophenol	NS	NS	ND		0.27	0.078	ND		0.26	0.077	ND		0.31	0.092	ND		0.29	0.083	ND		0.28	0.083	ND		0.27	0.079	ND		0.26	0.074	ND		0.26	0.077
Acenaphthene	20	100	ND		0.15	0.02	ND		0.15	0.02	ND		0.18	0.023	ND		0.16	0.021	ND		0.16	0.021	ND		0.15	0.02	0.26		0.15	0.019	ND		0.15	0.02
Acenaphthylene	100	100	ND		0.15	0.03	ND		0.15	0.029	ND		0.18	0.035	ND		0.16	0.032	ND		0.16	0.031	ND		0.15	0.03	0.14	J	0.15	0.028	ND		0.15	0.029
Acetophenone	NS	NS	ND		0.19	0.024	ND		0.19	0.023	ND		0.22	0.028	ND		0.2	0.025	ND		0.2	0.025	ND		0.19	0.024	ND		0.18	0.023	ND		0.19	0.023
Anthracene	100	100	ND		0.12	0.037	ND		0.11	0.037	ND		0.13	0.044	ND		0.12	0.04	0.055	J	0.12	0.039	ND		0.12	0.038	0.62		0.11	0.036	ND		0.11	0.037
Benzo(a)anthracene	1	1	0.14		0.12	0.022	ND		0.11	0.021	ND		0.13	0.025	ND		0.12	0.023	0.084	J	0.12	0.023	ND		0.12	0.022	0.89		0.11	0.02	ND		0.11	0.021
Benzo(a)pyrene	1	1	0.18		0.15	0.047	ND		0.15	0.046	ND		0.18	0.055	ND		0.16	0.05	0.099	J	0.16	0.049	ND		0.15	0.047	0.69		0.15	0.044	ND		0.15	0.046
Benzo(b)fluoranthene	1	1	0.19		0.12	0.032	ND		0.11	0.032	ND		0.13	0.038	ND		0.12	0.034	0.11	J	0.12	0.034	ND		0.12	0.032	0.81		0.11	0.031	ND		0.11	0.032
Benzo(ghi)perylene	100	100	0.1	J	0.15	0.022	ND		0.15	0.022	ND		0.18	0.026	ND		0.16	0.024	0.063	J	0.16	0.024	ND		0.15	0.023	0.37		0.15	0.021	ND		0.15	0.022
Benzo(k)fluoranthene	0.8	3.9	0.073	J	0.12	0.031	ND		0.11	0.03	ND		0.13	0.036	ND		0.12	0.033	0.041	J	0.12	0.032	ND		0.12	0.031	0.28		0.11	0.029	ND		0.11	0.03
Benzoic Acid	NS	NS	ND		0.62	0.19	ND		0.61	0.19	ND		0.73	0.23	ND		0.66	0.21	ND		0.66	0.2	ND		0.62	0.2	ND		0.59	0.18	ND		0.61	0.19
Benzyl Alcohol	NS	NS	ND		0.19	0.059	ND		0.19	0.058	ND		0.22	0.069	ND		0.2	0.063	ND		0.2	0.062	ND		0.19	0.059	ND		0.18	0.056	ND		0.19	0.058
Biphenyl	NS	NS	ND		0.44	0.044	ND		0.43	0.044	ND		0.51	0.052	ND		0.47	0.047	ND		0.46	0.047	ND		0.44	0.045	ND		0.42	0.042	ND		0.43	0.044
Bis(2-chloroethoxy)methane	NS	NS	ND		0.21	0.019	ND		0.2	0.019	ND		0.24	0.022	ND		0.22	0.02	ND		0.22	0.02	ND		0.21	0.019	ND		0.2	0.018	ND		0.2	0.019
Bis(2-chloroethyl)ether	NS	NS	ND		0.17	0.026	ND		0.17	0.026	ND		0.2	0.03	ND		0.18	0.028	ND		0.18	0.027	ND		0.17	0.026	ND		0.16	0.025	ND		0.17	0.026
Bis(2-chloroisopropyl)ether	NS	NS	ND		0.23	0.033	ND		0.23	0.032	ND		0.27	0.038	ND		0.24	0.035	ND		0.24	0.034	ND		0.23	0.033	ND		0.22	0.031	ND		0.23	0.032
Bis(2-ethylhexyl)phthalate	NS	NS	ND		0.19	0.066	ND		0.19	0.066	ND		0.22	0.078	ND		0.2	0.071	ND		0.2	0.07	ND		0.19	0.067	ND		0.18	0.063	ND		0.19	0.066
Butyl benzyl phthalate	NS	NS	ND		0.19	0.048	ND		0.19	0.048	ND		0.22	0.057	ND		0.2	0.052	ND		0.2	0.051	ND		0.19	0.048	ND		0.18	0.046	ND		0.19	0.048
Carbazole	NS	NS	0.023	J	0.19	0.019	ND		0.19	0.018	ND		0.22	0.022	ND		0.2	0.02	0.063	J	0.2	0.02	ND		0.19	0.019	0.072	J	0.18	0.018	ND		0.19	0.018
Chrysene	1	3.9	0.13		0.12	0.02	ND		0.11	0.02	ND		0.13	0.023	ND		0.12	0.021	0.092	J	0.12	0.021	ND		0.12	0.02	0.75		0.11	0.019	ND		0.11	0.02
Di-n-butylphthalate	0.33	0.33	0.033	J	0.12	0.022	ND		0.11	0.022	ND		0.13	0.026	ND		0.12	0.024	ND		0.12	0.023	ND		0.12	0.022	0.09	J	0.11	0.021	ND		0.11	0.022
Di-n-octylphthalate	7	59	ND		0.19	0.018	ND		0.19	0.018	0.022	J	0.22	0.021	ND		0.2	0.019	ND		0.2	0.019	ND		0.19	0.018	0.07	J	0.18	0.017	ND		0.19	0.018
Dibenzo(a,h)anthracene	NS	NS	ND		0.19	0.018	ND		0.19	0.018	ND		0.22	0.021	ND		0.2	0.019	ND		0.2	0.019	ND		0.19	0.018	ND		0.18	0.017	ND		0.19	0.018
Dibenzofuran	NS	NS	ND		0.19	0.04	ND		0.19	0.04	ND		0.22	0.047	ND		0.2	0.043	ND		0.2	0.042	ND		0.19	0.04	ND		0.18	0.038	ND		0.19	0.04
Diethyl phthalate	NS	NS	ND		0.19	0.036	ND		0.19	0.036	ND		0.22	0.043	ND		0.2	0.039	ND		0.2	0.038	ND		0.19	0.036	ND		0.18	0.035	ND		0.19	0.036
Dimethyl phthalate	NS	NS	ND		0.19	0.065	ND		0.19	0.064	ND		0.22	0.076	ND		0.2	0.07	ND		0.2	0.069	ND		0.19	0.066	ND		0.18	0.062	ND		0.19	0.064
Fluoranthene	100	100	0.13		0.12	0.022	ND		0.11	0.022	ND		0.13	0.026	ND		0.12	0.023	0.11	J	0.12	0.023	ND		0.12	0.022	2		0.11	0.021	ND		0.11	0.022
Fluorene	30	100	ND		0.19	0.019	ND		0.19	0.018	ND		0.22	0.022	ND		0.2	0.02	ND		0.2	0.02	ND		0.19	0.019	0.33		0.18	0.018	ND		0.19	0.018
Hexachlorobenzene	0.33	1.2	ND		0.12	0.021	ND		0.11	0.021	ND		0.13	0.025	ND		0.12	0.023	ND		0.12	0.023	ND		0.12	0.022	ND		0.11	0.02	ND		0.11	0.021
Hexachlorobutadiene	NS	NS	ND		0.19	0.028	ND		0.19	0.028	ND		0.22	0.033	ND		0.2	0.03	ND		0.2	0.03	ND		0.19	0.028	ND		0.18	0.027	ND		0.19	0.028
Hexachlorocyclopentadiene	NS	NS	ND		0.55	0.17	ND		0.54	0.17	ND		0.64	0.2	ND		0.58	0.18	ND		0.58	0.18	ND		0.55	0.17	ND		0.52	0.16	ND		0.54	0.17
Hexachloroethane	NS	NS	ND		0.15	0.031	ND		0.15	0.031	ND		0.18	0.036	ND		0.16	0.033	ND		0.16	0.033	ND		0.15	0.031	ND		0.15	0.03	ND		0.15	0.031
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.1	J	0.15	0.027	ND		0.15	0.026	ND		0.18	0.031	ND		0.16	0.028	0.068	J	0.16	0.028	ND		0.15	0.027	0.39		0.15	0.025	ND		0.15	0.026
Isophorone	NS	NS	ND		0.17	0.025	ND		0.17	0.024	ND		0.2	0.029	ND		0.18	0.026	ND		0.18	0.026	ND		0.17	0.025	ND		0.16	0.024	ND		0.17	0.024
n-Nitrosodi-n-propylamine	12	100	ND		0.19	0.03	ND		0.19	0.029	ND		0.22	0.035	ND		0.2	0.032	ND		0.2	0.031	ND		0.19	0.03	ND		0.18	0.028	ND		0.19	0.029
Naphthalene	NS	NS	ND		0.19	0.023	ND		0.19	0.023	0.1	J	0.22	0.027	ND		0.2	0.025	0.026	J	0.2	0.025	ND		0.19	0.023	0.8		0.18	0.022	ND		0.19	0.023
NDPA/DPA	NS	NS	ND		0.15	0.022	ND		0.15	0.022	ND		0.18	0.026	ND		0.16	0.023	ND		0.16	0.023	ND		0.15	0.022	ND		0.15	0.021	ND		0.15	0.022
Nitrobenzene	NS	NS	ND		0.17	0.028	ND		0.17	0.028	ND		0.2	0.033	ND		0.18	0.03	ND		0.18	0.03	ND		0.17	0.028	ND		0.16	0.027	ND		0.17	0.028
p-Chloro-m-cresol	NS	NS	ND		0.19	0.028	ND		0.19	0.028	ND		0.22	0.034	ND		0.2	0.03	ND		0.2	0.03	ND		0.19	0.029	ND		0.18	0.027	ND		0.19	0.028
Pentachlorophenol	0.8	6.7	ND		0.15	0.042	ND		0.15	0.042	ND		0.18	0.049	ND		0.16	0.045	ND		0.16	0.044	ND		0.15	0.042	ND		0.15	0.04	ND		0.15	0.042
Phenanthrene	100	100	0.079	J	0.12	0.023	ND		0.11	0.023	0.04	J	0.13	0.027	ND		0.12	0.025	0.096	J	0.12	0.025	ND		0.12	0.023	1.3		0.11	0.022	ND		0.11	0.023
Phenol	0.33	100	ND		0.19	0.029	ND		0.19	0.028	ND		0.22	0.034	ND		0.2	0.031	ND		0.2	0.03	ND		0.19	0.029	ND		0.18	0.028	ND		0.19	0.029
Pyrene	100	100	0.12		0.12	0.019	ND		0.11	0.019	ND		0.13	0.022	ND		0.12	0.02	0.081	J	0.12	0.02	ND		0.12	0.019	1.6		0.11	0.018	ND		0.11	0.019
Total SVOCs	NS	NS	1.298	-	-	-	-	-	-	-	0.162	-	-	-	-	-	-	-	0.988	-	-	-	-	-	-	-	-	-	-	-	11.526	-	-	-

Results in Yellow Highlight displays exceedance above the UUSCO regulatory standard
Results in Green Highlight displays exceedance above both UUSCO & RRUSCO regulatory standard
J = Concentration detected at a value below the RL and above the MDL for target compounds
P = The RPD between the results for the two columns exceeds the method-specified criteria

NS = No Standard Available
I = The lower value for the two columns has been reported due to obvious interference
ND = Analyzed for but Not Detected at the MDL

Table 1 (Cont'd) - Soil Results - PCBs, Pesticides, Metals
4519-4523 White Plains Rd.
Bronx, New York

Hillmann Consulting, LLC
Project #: G6-2401

Target Compounds	Track 1 NYSDEC Unrestricted Use SCO	Track 2 NYSDEC Restricted Residential SCO	S-1 Sample Depth: 5.0-6.0'				S-2 Sample Depth: 5.0-6.0'				S-3 Sample Depth: 5.0-6.0'				S-4 Sample Depth: 5.0-6.0'				S-5 Sample Depth: 5.0-6.0'				S-6 Sample Depth: 5.0-6.0'				S-7 Sample Depth: 3.0-4.0'				S-8 Sample Depth: 5.0-6.0'			
PCB's (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	**0.1**	**1**	ND		0.0389	0.00345	ND		0.0372	0.00331	ND		0.0441	0.00392	ND		0.0397	0.00352	ND		0.0398	0.00354	ND		0.0383	0.0034	ND		0.0355	0.00315	ND		0.0379	0.00337
Aroclor 1221	**0.1**	**1**	ND		0.0389	0.0039	ND		0.0372	0.00373	ND		0.0441	0.00442	ND		0.0397	0.00397	ND		0.0398	0.00399	ND		0.0383	0.00384	ND		0.0355	0.00356	ND		0.0379	0.0038
Aroclor 1232	**0.1**	**1**	ND		0.0389	0.00824	ND		0.0372	0.00789	ND		0.0441	0.00935	ND		0.0397	0.00841	ND		0.0398	0.00845	ND		0.0383	0.00812	ND		0.0355	0.00753	ND		0.0379	0.00804
Aroclor 1242	**0.1**	**1**	ND		0.0389	0.00524	ND		0.0372	0.00502	ND		0.0441	0.00595	ND		0.0397	0.00535	ND		0.0398	0.00537	ND		0.0383	0.00517	ND		0.0355	0.00479	ND		0.0379	0.00511
Aroclor 1248	**0.1**	**1**	ND		0.0389	0.00583	ND		0.0372	0.00558	ND		0.0441	0.00662	ND		0.0397	0.00595	ND		0.0398	0.00598	ND		0.0383	0.00575	ND		0.0355	0.00533	ND		0.0379	0.00569
Aroclor 1254	**0.1**	**1**	ND		0.0389	0.00425	ND		0.0372	0.00407	ND		0.0441	0.00483	ND		0.0397	0.00434	ND		0.0398	0.00436	ND		0.0383	0.00419	ND		0.0355	0.00388	ND		0.0379	0.00415
Aroclor 1260	**0.1**	**1**	ND		0.0389	0.00718	ND		0.0372	0.00688	ND		0.0441	0.00815	ND		0.0397	0.00733	0.017	J	0.0398	0.00736	ND		0.0383	0.00708	ND		0.0355	0.00656	ND		0.0379	0.00701
Aroclor 1262	**0.1**	**1**	ND		0.0389	0.00494	ND		0.0372	0.00473	ND		0.0441	0.0056	ND		0.0397	0.00504	ND		0.0398	0.00506	ND		0.0383	0.00487	ND		0.0355	0.00451	ND		0.0379	0.00482
Aroclor 1268	**0.1**	**1**	ND		0.0389	0.00403	ND		0.0372	0.00386	ND		0.0441	0.00457	ND		0.0397	0.00411	0.0106	JP	0.0398	0.00413	ND		0.0383	0.00397	ND		0.0355	0.00368	ND		0.0379	0.00393
PCBs, Total	**0.1**	**1**	ND		0.0389	0.00345	ND		0.0372	0.00331	ND		0.0441	0.00392	ND		0.0397	0.00352	0.0276	J	0.0398	0.00354	ND		0.0383	0.0034	ND		0.0355	0.00315	ND		0.0379	0.00337

Pesticides (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
4,4'-DDD	**0.0033**	**13**	ND		0.00184	0.000658	ND		0.0018	0.000643	ND		0.00212	0.000758	ND		0.00194	0.00069	0.00232		0.00188	0.000671	ND		0.00179	0.000637	ND		0.0849	0.0303	ND		0.00183	0.000653
4,4'-DDE	**0.0033**	**8.9**	ND		0.00184	0.000426	ND		0.0018	0.000417	ND		0.00212	0.000492	ND		0.00194	0.000448	**0.121**		0.00188	0.000435	ND		0.00179	0.000413	ND		0.0849	0.0196	ND		0.00183	0.000423
4,4'-DDT	**0.0033**	**7.9**	ND		0.00346	0.00148	ND		0.00338	0.00145	ND		0.00398	0.00171	ND		0.00363	0.00156	**0.256**	E	0.00352	0.00151	ND		0.00335	0.00144	ND		0.159	0.0683	ND		0.00343	0.00147
Aldrin	**0.005**	**0.097**	ND		0.00184	0.000649	ND		0.0018	0.000634	ND		0.00212	0.000748	ND		0.00194	0.000682	ND		0.00188	0.000662	ND		0.00179	0.000629	ND		0.0849	0.0299	ND		0.00183	0.000645
Alpha-BHC	**0.02**	**0.48**	ND		0.000768	0.000218	ND		0.000751	0.000213	ND		0.000886	0.000252	ND		0.000807	0.000229	ND		0.000783	0.000222	ND		0.000745	0.000211	ND		0.0354	0.01	ND		0.000763	0.000217
Beta-BHC	**0.036**	**0.36**	ND		0.00184	0.000699	ND		0.0018	0.000683	ND		0.00212	0.000806	ND		0.00194	0.000734	ND		0.00188	0.000713	ND		0.00179	0.000678	ND		0.0849	0.0322	ND		0.00183	0.000694
Chlordane	**NS**	**NS**	ND		0.015	0.00611	ND		0.0146	0.00597	ND		0.0173	0.00704	ND		0.0157	0.00641	ND		0.0153	0.00623	ND		0.0145	0.00592	ND		0.69	0.281	ND		0.0149	0.00606
cis-Chlordane	**0.094**	**4.2**	ND		0.0023	0.000642	ND		0.00225	0.000628	ND		0.00266	0.00074	ND		0.00242	0.000674	0.00476	P	0.00235	0.000655	ND		0.00223	0.000622	ND		0.106	0.0296	ND		0.00229	0.000638
Delta-BHC	**0.04**	**100**	ND		0.00184	0.000361	ND		0.0018	0.000353	ND		0.00212	0.000416	ND		0.00194	0.000379	ND		0.00188	0.000368	ND		0.00179	0.00035	ND		0.0849	0.0166	ND		0.00183	0.000358
Dieldrin	**0.005**	**0.2**	ND		0.00115	0.000576	ND		0.00113	0.000563	ND		0.00133	0.000664	ND		0.00121	0.000605	**0.00547**		0.00118	0.000588	ND		0.00112	0.000558	ND		0.053	0.0265	ND		0.00114	0.000572
Endosulfan I	**2.4**	**24**	ND		0.00184	0.000436	ND		0.0018	0.000426	ND		0.00212	0.000502	ND		0.00194	0.000457	ND		0.00188	0.000444	ND		0.00179	0.000422	ND		0.0849	0.02	ND		0.00183	0.000432
Endosulfan II	**2.4**	**24**	ND		0.00184	0.000616	ND		0.0018	0.000602	ND		0.00212	0.00071	ND		0.00194	0.000647	ND		0.00188	0.000628	ND		0.00179	0.000597	ND		0.0849	0.0284	ND		0.00183	0.000612
Endosulfan sulfate	**2.4**	**24**	ND		0.000768	0.000366	ND		0.000751	0.000357	ND		0.000886	0.000422	ND		0.000807	0.000384	ND		0.000783	0.000373	ND		0.000745	0.000354	ND		0.0354	0.0168	ND		0.000763	0.000363
Endrin	**0.014**	**11**	ND		0.000768	0.000315	ND		0.000751	0.000308	ND		0.000886	0.000363	ND		0.000807	0.000331	ND		0.000783	0.000321	ND		0.000745	0.000305	ND		0.0354	0.0145	ND		0.000763	0.000313
Endrin aldehyde	**NS**	**NS**	ND		0.0023	0.000807	ND		0.00225	0.000788	ND		0.00266	0.00093	ND		0.00242	0.000847	ND		0.00235	0.000823	ND		0.00223	0.000782	ND		0.106	0.0371	ND		0.00229	0.000801
Endrin ketone	**NS**	**NS**	ND		0.00184	0.000475	ND		0.0018	0.000464	ND		0.00212	0.000547	ND		0.00194	0.000498	ND		0.00188	0.000484	ND		0.00179	0.00046	ND		0.0849	0.0218	ND		0.00183	0.000471
Heptachlor	**0.042**	**2.1**	ND		0.000922	0.000413	ND		0.000901	0.000404	ND		0.00106	0.000476	ND		0.000968	0.000434	ND		0.00094	0.000421	ND		0.000894	0.000401	ND		0.0424	0.019	ND		0.000916	0.00041
Heptachlor epoxide	**NS**	**NS**	ND		0.00346	0.00104	ND		0.00338	0.00101	ND		0.00398	0.0012	ND		0.00363	0.00109	ND		0.00352	0.00106	ND		0.00335	0.001	ND		0.159	0.0478	ND		0.00343	0.00103
Lindane	**0.1**	**1.3**	ND		0.000768	0.000344	ND		0.000751	0.000336	ND		0.000886	0.000396	ND		0.000807	0.00036	ND		0.000783	0.00035	ND		0.000745	0.000333	ND		0.0354	0.0158	ND		0.000763	0.000341
Methoxychlor	**NS**	**NS**	ND		0.00346	0.00108	ND		0.00338	0.00105	ND		0.00398	0.00124	ND		0.00363	0.00113	ND		0.00352	0.0011	ND		0.00335	0.00104	ND		0.159	0.0495	ND		0.00343	0.00107
Toxaphene	**NS**	**NS**	ND		0.0346	0.00968	ND		0.0338	0.00946	ND		0.0398	0.0112	ND		0.0363	0.0102	ND		0.0352	0.00987	ND		0.0335	0.00938	ND		1.59	0.446	ND		0.0343	0.00961
trans-Chlordane	**NS**	**NS**	ND		0.0023	0.000609	ND		0.00225	0.000595	ND		0.00266	0.000702	ND		0.00242	0.000639	0.00465	P	0.00235	0.00062	ND		0.00223	0.00059	ND		0.106	0.028	ND		0.00229	0.000604

Metals (mg/Kg)			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aluminum, Total	**NS**	**NS**	10900		9.44	2.55	10700		8.7	2.35	10200		10.6	2.85	13600		9.64	2.6	10300		9.45	2.55	6260		9.11	2.46	8980		8.57	2.31	9580		9.12	2.46
Antimony, Total	**NS**	**NS**	0.387	J	4.72	0.359	0.391	J	4.35	0.33	0.676	J	5.28	0.401	1.92	J	4.82	0.366	0.69	J	4.73	0.359	ND		4.55	0.346	0.48	J	4.29	0.326	1.06	J	4.56	0.347
Arsenic, Total	**13**	**16**	3.96		0.944	0.196	**61**		0.87	0.181	**57.2**		1.06	0.22	**16.8**		0.964	0.2	6.46		0.945	0.197	**20.1**		0.911	0.189	2.78		0.857	0.178	**14.1**		0.912	0.19
Barium, Total	**350**	**400**	31.7		0.944	0.164	53.3		0.87	0.151	88.1		1.06	0.184	48		0.964	0.168	114		0.945	0.164	30.6		0.911	0.158	33		0.857	0.149	63.9		0.912	0.159
Beryllium, Total	**7.2**	**72**	0.406	J	0.472	0.031	0.435		0.435	0.029	0.602		0.528	0.035	0.588		0.482	0.032	0.293	J	0.473	0.031	0.319	J	0.455	0.03	0.326	J	0.429	0.028	0.511		0.456	0.03
Cadmium, Total	**2.5**	**4.3**	0.236	J	0.944	0.093	0.33	J	0.87	0.085	0.422	J	1.06	0.103	0.607	J	0.964	0.094	0.52	J	0.945	0.093	0.146	J	0.911	0.089	0.248	J	0.857	0.084	0.374	J	0.912	0.089
Calcium, Total	**NS**	**NS**	1720		9.44	3.3	1450		8.7	3.04	2480		10.6	3.69	6370		9.64	3.37	79300		9.45	3.31	1580		9.11	3.19	3570		8.57	3	2820		9.12	3.19
Chromium, Total	**NS**	**NS**	11.7		0.944	0.091	11.2		0.87	0.084	11		1.06	0.101	15.1		0.964	0.093	20		0.945	0.091	5.89		0.911	0.087	9.64		0.857	0.082	11.9		0.912	0.088
Cobalt, Total	**NS**	**NS**	5.38		1.89	0.157	8.98		1.74	0.144	7.01		2.11	0.175	9.78		1.93	0.16	7.66		1.89	0.157	3.35		1.82	0.151	7.78		1.71	0.142	11.6		1.82	0.151
Copper, Total	**50**	**270**	16.1		0.944	0.244	31.6		0.87	0.224	21.9		1.06	0.272	49.7		0.964	0.249	35.2		0.945	0.244	**53.3**		0.911	0.235	22.9		0.857	0.221	35.6		0.912	0.235
Iron, Total	**NS**	**NS**	22100		4.72	0.853	22100		4.35	0.786	26700		5.28	0.953	34300		4.82	0.87	23600		4.73	0.854	9000		4.55	0.822	19600		4.29	0.774	24400		4.56	0.824
Lead, Total	**63**	**400**	10.5		4.72	0.253	23.5		4.35	0.233	15.5		5.28	0.283	39.2		4.82	0.258	**159**		4.73	0.253	10.2		4.55	0.244	27.8		4.29	0.23	42.2		4.56	0.244
Magnesium, Total	**NS**	**NS**	3180		9.44	1.45	3400		8.7	1.34	2040		10.6	1.62	6630		9.64	1.48	6340		9.45	1.46	1080		9.11	1.4	4250		8.57	1.32	3440		9.12	1.4
Manganese, Total	**1600**	**2000**	189		0.944	0.15	781		0.87	0.138	1440		1.06	0.168	920		0.964	0.153	501		0.945	0.15	112		0.911	0.145	491		0.857	0.136	876		0.912	0.145
Mercury, Total	**0.18**	**0.81**	ND		0.075	0.016	0.064	J	0.073	0.015	ND		0.086	0.018	0.046	J	0.079	0.017	0.075	J	0.077	0.016	ND		0.074	0.016	0.035	J	0.071	0.015	0.125		0.073	0.016
Nickel, Total	**30**	**310**	14.1		2.36	0.228	15.8		2.17	0.21	11.2		2.64	0.255	27.5		2.41	0.233	21.6		2.36	0.229	6.13		2.28	0.22	15.5		2.14	0.207	21.7		2.28	0.221
Potassium, Total	**NS**	**NS**	381		236	13.6	365		217	12.5	431		264	15.2	575		241	13.9	533		236	13.6	201	J	228	13.1	421		214	12.3	616		228	13.1
Selenium, Total	**3.9**	**180**	ND		1.89	0.244	ND		1.74	0.224	0.686	J	2.11	0.272	ND		1.93	0.249	ND		1.89	0.244	0.273	J	1.82	0.235	ND		1.71	0.221	0.292	J	1.82	0.235
Silver, Total	**2**	**180**	ND		0.944	0.267	ND		0.87	0.246	ND		1.06	0.299	ND		0.964	0.273	ND		0.945	0.268	ND		0.911	0.258	ND		0.857	0.242	ND		0.912	0.258
Sodium, Total	**NS**	**NS**	57.9	J	189	2.98	27.5	J	174	2.74	33.7	J	211	3.32	42.8	J	193	3.04	144	J	189	2.98	32.1	J	182	2.87	49.7	J	171	2.7	39.2	J	182	2.87
Thallium, Total	**NS**	**NS**	ND		1.89	0.298	0.304	J	1.74	0.274	1.14	J	2.11	0.332	0.559	J	1.93	0.304	ND		1.89	0.298	ND		1.82	0.287	ND		1.71	0.27	0.338	J	1.82	0.287
Vanadium, Total	**NS**	**NS**	16.9		0.944	0.192	15.1		0.87	0.176	16.6		1.06	0.214	22		0.964	0.196	15.6		0.945	0.192	8.93		0.911	0.185	11.7		0.857	0.174	15.9		0.912	0.185
Zinc, Total	**109**	**10000**	47.5		4.72	0.277	72.3		4.35	0.255	51.3		5.28	0.309	**152**		4.82	0.282	**208**		4.73	0.277	21.1		4.55	0.267	56.3		4.29	0.251	**72.2**		4.56	0.267
General Analytical			**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**4.73**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Cyanide, Total	**27**	**27**	ND		1.1	0.23	ND		1.1	0.22	1.1	J	1.3	0.27	ND		1.2	0.26	ND		4.73	0.26	ND		1.1	0.23	0.47	J	1.1	0.23	ND		1.2	0.24

Results in Yellow Highlight displays exceedance above the UUSCO regulatory standard
Results in Green Highlight displays exceedance above both UUSCO & RRUSCO regulatory standard
J = Concentration detected at a value below the RL and above the MDL for target compounds
P = The RPD between the results for the two columns exceeds the method-specified criteria

NS = No Standard Available

ND = Analyzed for but Not Detected at the MDL

Table 2 - Groundwater Results - VOCs, Metals
135 Main Street
Poughkeepsie, New York

Hillmann Consulting, LLC
Project #: G6-2423

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1				TWP-3				TWP-8			
Volatiles (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,1,1,2-Tetrachloroethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,1,1-Trichloroethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,1,2,2-Tetrachloroethane	5	ND		2	0.67	ND		0.5	0.17	ND		0.5	0.17
1,1,2-Trichloroethane	1	ND		6	2	ND		1.5	0.5	ND		1.5	0.5
1,1-Dichloroethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	5	ND		2	0.68	ND		0.5	0.17	ND		0.5	0.17
1,1-Dichloropropene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2,3-Trichloropropane	0.04	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2,4,5-Tetramethylbenzene	5	ND		8	2.2	ND		2	0.54	ND		2	0.54
1,2,4-Trichlorobenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	5	16		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	0.04	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	0.0006	ND		8	2.6	ND		2	0.65	ND		2	0.65
1,2-Dichlorobenzene	3	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	0.6	ND		2	0.53	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloroethene, Total	NS	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloropropane	1	ND		4	0.55	ND		1	0.14	ND		1	0.14
1,3,5-Trimethylbenzene	5	6.6	J	10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	3	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichloropropene, Total	NS	ND		2	0.58	ND		0.5	0.14	ND		0.5	0.14
1,4-Dichlorobenzene	3	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	NS	ND		1000	240	ND		250	61	ND		250	61
2,2-Dichloropropane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
2-Butanone	50	ND		20	7.8	ND		5	1.9	ND		5	1.9
2-Hexanone	50	ND		20	4	ND		5	1	ND		5	1
4-Methyl-2-pentanone	NS	ND		20	4	ND		5	1	ND		5	1
Acetone	50	8.3	J	20	5.8	5.3		5	1.5	4.8	J	5	1.5
Acrylonitrile	5	ND		20	6	ND		5	1.5	ND		5	1.5
Benzene	1	2.7		2	0.64	0.61		0.5	0.16	ND		0.5	0.16
Bromobenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Bromochloromethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	50	ND		2	0.77	ND		0.5	0.19	ND		0.5	0.19
Bromoform	50	ND		8	2.6	ND		2	0.65	ND		2	0.65
Bromomethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Carbon disulfide	60	ND		20	4	ND		5	1	ND		5	1
Carbon tetrachloride	5	ND		2	0.54	ND		0.5	0.13	ND		0.5	0.13
Chlorobenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Chloroethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Chloroform	7	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	NS	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
cis-1,3-Dichloropropene	0.4	ND		2	0.58	ND		0.5	0.14	ND		0.5	0.14
Dibromochloromethane	50	ND		2	0.6	ND		0.5	0.15	ND		0.5	0.15
Dibromomethane	5	ND		20	4	ND		5	1	ND		5	1
Dichlorodifluoromethane	5	ND		20	4	ND		5	1	ND		5	1
Ethyl ether	NS	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	0.5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	10	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Methylene chloride	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	10	480		10	2.8	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
n-Propylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	5	11		10	2.8	ND		2.5	0.7	ND		2.5	0.7
p/m-Xylene	5	29		10	2.8	0.7	J	2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
p-Diethylbenzene	NS	ND		8	2.8	ND		2	0.7	ND		2	0.7
p-Ethyltoluene	NS	3.6	J	8	2.8	ND		2	0.7	ND		2	0.7
p-Isopropyltoluene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Styrene	930	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Tetrachloroethene	5	ND		2	0.72	ND		0.5	0.18	ND		0.5	0.18
Toluene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
trans-1,2-Dichloroethene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
trans-1,3-Dichloropropene	0.4	ND		2	0.66	ND		0.5	0.16	ND		0.5	0.16
trans-1,4-Dichloro-2-butene	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	5	ND		2	0.7	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	5	ND		10	2.8	ND		2.5	0.7	ND		2.5	0.7
Vinyl acetate	NS	ND		20	4	ND		5	1	ND		5	1
Vinyl chloride	2	ND		4	0.28	ND		1	0.07	ND		1	0.07
Xylenes, Total	NS	40		10	2.8	0.7	J	2.5	0.7	ND		2.5	0.7
Total TICs	NS	10.5	J	0	0	ND		0	0	ND		0	0
Total VOCs	NS	557.2	-	-	-	6.61	-	-	-	4.8	-	-	-

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1				TWP-3				TWP-8			
Metals (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aluminum, Total	NS	168000		500	164	9880		10	3.27	288000		1000	327
Antimony, Total	3	ND		4	0.42	ND		4	0.42	2.03	J	8	0.85
Arsenic, Total	25	46.37		0.5	0.16	14.43		0.5	0.16	549.1		1	0.33
Barium, Total	1000	1840		25	8.65	106		0.5	0.17	7488		50	17.3
Beryllium, Total	3	10.12		0.5	0.1	0.82		0.5	0.1	8.49		1	0.21
Cadmium, Total	5	2.66		0.2	0.05	1.47		0.2	0.05	8.66		0.4	0.11
Calcium, Total	NS	221000		100	39.4	297000		100	39.4	3180000		10000	3940
Chromium, Total	50	147.6		1	0.17	15.14		1	0.17	389.1		2	0.35
Cobalt, Total	NS	134.7		0.5	0.16	20.05		0.5	0.16	475.6		1	0.32
Copper, Total	200	258.5		1	0.38	20.24		1	0.38	2350		100	38.4
Iron, Total	NS	187000		3000	955	26800		60	19.1	903000		5000	1910
Lead, Total	25	332.7		1	0.34	29.18		1	0.34	1092		100	34.3
Magnesium, Total	35000	59400		70	24.2	31600		70	24.2	205000		140	48.4
Manganese, Total	NS	5584		50	22	5746		50	22	72500		100	44
Mercury, Total	0.7	0.11	J	0.2	0.06	ND		0.2	0.06	0.15	J	0.2	0.06
Nickel, Total	100	266.2		2	0.55	39.61		2	0.55	766.2		4	1.11
Potassium, Total	NS	13800		100	30.9	30000		100	30.9	22100		200	61.8
Selenium, Total	10	100		5	1.73	8.87		5	1.73	85.9		10	3.46
Silver, Total	50	1.52		0.4	0.16	0.18	J	0.4	0.16	4.03		0.8	0.32
Sodium, Total	20000	57700		100	29.3	16900		350	29.3	57000		200	58.6
Thallium, Total	0.5	0.43	J	0.5	0.14	ND		0.5	0.14	1.94		1	0.28
Vanadium, Total	NS	87.9		5	1.57	18.57		5	1.57	311.1		10	3.14
Zinc, Total	2000	1308		500	170.5	64.66		10	3.41	4470		1000	341

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1				TWP-3				TWP-8			
General Chemistry (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Cyanide, Total	400	364		5	1	547		10	3	186		5	1

Results in Blue Highlight displays exceedance above the Groundwater Effluent Limitations
NS = No Standard Available
ND = Analyzed for but Not Detected at the MDL
J = Concentration detected at a value below the RL and above the MDL for target compounds

P = The RPD between the results for the two columns exceeds the method-specified criteria

Table 2 (Cont'd) - Groundwater Results - SVOCs, PCBS, Pesticides
135 Main Street
Poughkeepsie, New York

Hillmann Consulting, LLC
Project #: G6-2423

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1				TWP-3				TWP-8			
Semivolatiles - (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
1,2,4,5-Tetrachlorobenzene	**5**	ND		10	0.44	ND		10	0.44	ND		10	0.44
1,2,4-Trichlorobenzene	**5**	ND		5	0.5	ND		5	0.5	ND		5	0.5
1,2-Dichlorobenzene	**3**	ND		2	0.45	ND		2	0.45	ND		2	0.45
1,3-Dichlorobenzene	**3**	ND		2	0.4	ND		2	0.4	ND		2	0.4
1,4-Dichlorobenzene	**3**	ND		2	0.43	ND		2	0.43	ND		2	0.43
2,4,5-Trichlorophenol	**NS**	ND		5	0.77	ND		5	0.77	ND		5	0.77
2,4,6-Trichlorophenol	**NS**	ND		5	0.61	ND		5	0.61	ND		5	0.61
2,4-Dichlorophenol	**2**	ND		5	0.41	ND		5	0.41	ND		5	0.41
2,4-Dimethylphenol	**2**	ND		5	1.8	ND		5	1.8	ND		5	1.8
2,4-Dinitrophenol	**2**	ND		20	6.6	ND		20	6.6	ND		20	6.6
2,4-Dinitrotoluene	**5**	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	**5**	ND		5	0.93	ND		5	0.93	ND		5	0.93
2-Chlorophenol	**NS**	ND		2	0.48	ND		2	0.48	ND		2	0.48
2-Methylphenol	**NS**	ND		5	0.49	ND		5	0.49	ND		5	0.49
2-Nitroaniline	**5**	ND		5	0.5	ND		5	0.5	ND		5	0.5
2-Nitrophenol	**NS**	ND		10	0.85	ND		10	0.85	ND		10	0.85
3,3'-Dichlorobenzidine	**5**	ND		5	1.6	ND		5	1.6	ND		5	1.6
3-Methylphenol/4-Methylphenol	**NS**	ND		5	0.48	ND		5	0.48	ND		5	0.48
3-Nitroaniline	**5**	ND		5	0.81	ND		5	0.81	ND		5	0.81
4,6-Dinitro-o-cresol	**NS**	ND		10	1.8	ND		10	1.8	ND		10	1.8
4-Bromophenyl phenyl ether	**NS**	ND		2	0.38	ND		2	0.38	ND		2	0.38
4-Chloroaniline	**5**	ND		5	1.1	ND		5	1.1	ND		5	1.1
4-Chlorophenyl phenyl ether	**NS**	ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Nitroaniline	**5**	ND		5	0.8	ND		5	0.8	ND		5	0.8
4-Nitrophenol	**NS**	ND		10	0.67	ND		10	0.67	ND		10	0.67
Acetophenone	**NS**	ND		5	0.53	ND		5	0.53	ND		5	0.53
Benzoic Acid	**NS**	ND		50	2.6	ND		50	2.6	ND		50	2.6
Benzyl Alcohol	**NS**	ND		2	0.59	ND		2	0.59	ND		2	0.59
Biphenyl	**NS**	2.9		2	0.46	ND		2	0.46	ND		2	0.46
Bis(2-chloroethoxy)methane	**5**	ND		5	0.5	ND		5	0.5	ND		5	0.5
Bis(2-chloroethyl)ether	**1**	ND		2	0.5	ND		2	0.5	ND		2	0.5
Bis(2-chloroisopropyl)ether	**5**	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-ethylhexyl)phthalate	**5**	ND		3	1.5	ND		3	1.5	ND		3	1.5
Butyl benzyl phthalate	**50**	ND		5	1.2	ND		5	1.2	ND		5	1.2
Carbazole	**NS**	5.8		2	0.49	ND		2	0.49	ND		2	0.49
Dibenzofuran	**NS**	6.8		2	0.5	ND		2	0.5	ND		2	0.5
Diethyl phthalate	**50**	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	**50**	ND		5	1.8	ND		5	1.8	ND		5	1.8
Di-n-butylphthalate	**50**	ND		5	0.39	ND		5	0.39	ND		5	0.39
Di-n-octylphthalate	**50**	ND		5	1.3	ND		5	1.3	ND		5	1.3
Hexachlorocyclopentadiene	**5**	ND		20	0.69	ND		20	0.69	ND		20	0.69
Isophorone	**50**	ND		5	1.2	ND		5	1.2	ND		5	1.2
NDPA/DPA	**50**	ND		2	0.42	ND		2	0.42	ND		2	0.42
Nitrobenzene	**0.4**	ND		2	0.77	ND		2	0.77	ND		2	0.77
n-Nitrosodi-n-propylamine	**NS**	ND		5	0.64	ND		5	0.64	ND		5	0.64
p-Chloro-m-cresol	**NS**	ND		2	0.35	ND		2	0.35	ND		2	0.35
Phenol	**2**	ND		5	0.57	ND		5	0.57	ND		5	0.57
Total TICs	**NS**	150	J	0	0	47.7	J	0	0	42.6	J	0	0
Total SVOCs	**NS**	15.5	-	-	-	-	-	-	-	-	-	-	-
Semivolatiles - SIM (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
2-Chloronaphthalene	**10**	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02
2-Methylnaphthalene	**NS**	4.7		0.1	0.02	0.12		0.1	0.02	ND		0.1	0.02
Acenaphthene	**20**	2.6		0.1	0.01	0.06	J	0.1	0.01	ND		0.1	0.01
Acenaphthylene	**NS**	3.9		0.1	0.01	0.37		0.1	0.01	ND		0.1	0.01
Anthracene	**50**	18		0.1	0.01	0.42		0.1	0.01	ND		0.1	0.01
Benzo(a)anthracene	**0.002**	**38**	E	0.1	0.02	**2.9**		0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	**0**	**29**		0.1	0.02	**3.2**		0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	**0.002**	**22**		0.1	0.01	**2.7**		0.1	0.01	ND		0.1	0.01
Benzo(ghi)perylene	**NS**	18		0.1	0.01	2.2		0.1	0.01	ND		0.1	0.01
Benzo(k)fluoranthene	**0.002**	**23**		0.1	0.01	**2.6**		0.1	0.01	ND		0.1	0.01
Chrysene	**0.002**	**27**		0.1	0.01	**2.8**		0.1	0.01	ND		0.1	0.01
Dibenzo(a,h)anthracene	**NS**	5.4		0.1	0.01	0.8		0.1	0.01	ND		0.1	0.01
Fluoranthene	**50**	**68**	E	0.1	0.02	4.1		0.1	0.02	ND		0.1	0.02
Fluorene	**50**	4.6		0.1	0.01	0.16		0.1	0.01	ND		0.1	0.01
Hexachlorobenzene	**0.04**	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Hexachlorobutadiene	**0.5**	ND		0.5	0.05	ND		0.5	0.05	ND		0.5	0.05
Hexachloroethane	**5**	ND		0.8	0.06	ND		0.8	0.06	ND		0.8	0.06
Indeno(1,2,3-cd)pyrene	**0.002**	**17**		0.1	0.01	**2.1**		0.1	0.01	ND		0.1	0.01
Naphthalene	**10**	**150**	E	0.1	0.05	0.36		0.1	0.05	ND		0.1	0.05
Pentachlorophenol	**2**	ND		0.8	0.01	ND		0.8	0.01	ND		0.8	0.01
Phenanthrene	**50**	15		0.1	0.02	1.2		0.1	0.02	0.03	J	0.1	0.02
Pyrene	**50**	**58**	E	0.1	0.02	4.6		0.1	0.02	ND		0.1	0.02
Total SVOCs	**NS**	504.2	-	-	-	30.69	-	-	-	0.03	-	-	-

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1			TWP-3			TWP-8		
PCBs (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Aroclor 1016	**0.09**	ND		0.082	0.034	ND		0.082	0.034	ND		0.129	0.053
Aroclor 1221	**0.09**	ND		0.082	0.066	ND		0.082	0.066	ND		0.129	0.103
Aroclor 1232	**0.09**	ND		0.082	0.045	ND		0.082	0.045	ND		0.129	0.07
Aroclor 1242	**0.09**	ND		0.082	0.038	ND		0.082	0.038	ND		0.129	0.06
Aroclor 1248	**0.09**	ND		0.082	0.048	ND		0.082	0.048	ND		0.129	0.076
Aroclor 1254	**0.09**	ND		0.082	0.039	ND		0.082	0.039	ND		0.129	0.06
Aroclor 1260	**0.09**	ND		0.082	0.032	ND		0.082	0.032	ND		0.129	0.049
Aroclor 1262	**0.09**	ND		0.082	0.034	ND		0.082	0.034	ND		0.129	0.054
Aroclor 1268	**0.09**	ND		0.082	0.033	ND		0.082	0.033	ND		0.129	0.052
PCBs, Total	**0.09**	ND		0.082	0.032	ND		0.082	0.032	ND		0.129	0.049

Target Compounds	Groundwater Effluent Limitations (Class GA)	TWP-1			TWP-3			TWP-8		
Pesticides (µg/L)		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
4,4'-DDD	**0.3**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
4,4'-DDE	**0.2**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.004
4,4'-DDT	**0.2**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Aldrin	**0**	ND		0.014	0.002	ND		0.014	0.002	ND		0.022	0.002
Alpha-BHC	**0.01**	ND		0.014	0.003	ND		0.014	0.003	ND		0.022	0.005
Beta-BHC	**0.04**	ND		0.014	0.004	ND		0.014	0.004	ND		0.022	0.006
Chlordane	**0.05**	ND		0.143	0.033	ND		0.143	0.033	ND		0.222	0.051
cis-Chlordane	**NS**	ND		0.014	0.005	ND		0.014	0.005	ND		0.022	0.007
Delta-BHC	**0.04**	ND		0.014	0.003	ND		0.014	0.003	ND		0.022	0.005
Dieldrin	**0.004**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Endosulfan I	**NS**	ND		0.014	0.002	ND		0.014	0.002	ND		0.022	0.004
Endosulfan II	**NS**	ND		0.029	0.004	ND		0.029	0.004	ND		0.044	0.006
Endosulfan sulfate	**NS**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Endrin	**0**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Endrin aldehyde	**5**	ND		0.029	0.006	ND		0.029	0.006	ND		0.044	0.009
Endrin ketone	**5**	ND		0.029	0.003	ND		0.029	0.003	ND		0.044	0.005
Heptachlor	**0.04**	ND		0.014	0.002	ND		0.014	0.002	ND		0.022	0.003
Heptachlor epoxide	**0.03**	ND		0.014	0.003	ND		0.014	0.003	ND		0.022	0.005
Lindane	**0.05**	ND		0.014	0.003	ND		0.014	0.003	ND		0.022	0.005
Methoxychlor	**35**	ND		0.143	0.005	ND		0.143	0.005	ND		0.222	0.008
Toxaphene	**0.06**	ND		0.143	0.045	ND		0.143	0.045	ND		0.222	0.07
trans-Chlordane	**NS**	ND		0.014	0.004	ND		0.014	0.004	ND		0.022	0.007

Results in Blue Highlight displays exceedance above the Groundwater Effluent Limitations
NS = No Standard Available
ND = Analyzed for but Not Detected at the MDL
J = Concentration detected at a value below the RL and above the MDL for target compounds

P = The RPD between the results for the two columns exceeds the method-specified criteria

Table 3: Soil Boring Field Logs

135 Main St, Poughkeepsie, NY
Project: G6-2423
Sample Date: 3/20/2019

Soil Boring ID	Boring Depth (bgs)	Subsurface Stratigraphy (bgs)	Water Depth (bgs)	Field Notes
SB1	Boring Terminated at 10'	0-3' Fill material (Brick Fragments, Non-homogenous Clays) 3-9' Brown Sand, Gravel 9-10' Brown/ Grey Sand, moist, staining observed, feint petroleum odor	6.75'	PID Readings: 9-10' = 10.9ppm Samples Collected: **Soil Sample S-1 collected 5-6' bgs** **TWP-1 water sample collected** **Gauged: Static Water Level = 6.75' bgs**
SB2	Boring Terminated at 7'	0-7' Fill material sand, wet at 4.5'	4.5'	No PID Readings Samples Collected: **Soil Sample S2 5-6' bgs**
SB3	Refusal on rock at 8'	0-8' Fill Material, wet at	4.5'	No PID Readings Samples Collected: **Soil Sample S3 5-6' bgs** **TWP-3 water sample collected from temp well point** **Gauged: Static Water = 6.23' bgs**
SB4	Boring Terminated at 6'	0-6' Fill material, wet at 4.5'	4.5'	No PID Readings: Samples Collected: **Soil Sample S-4 5-6' bgs**
SB5	Boring Terminated at 6'	0-6' Fill material, wet	4'	Highest PID Readings: 5.5ppm (5-6ft) Samples Collected: **Soil Sample S-5 collected 5-6' bgs**
SB6	Boring Terminated at 7'	0-6' Fill material, wet at 4'	4'	No PID Readings Samples Collected: ***Soil Sample* S-6 collected 5-*6' bgs***
SB7	Boring Terminated at 6'	0-6' Fill material, wet at 4'	4'	No PID Readings Samples Collected: **Soil Sample S-7 collected 3-4' bgs**
SB8	Boring Terminated at 10'	0-10' Fill Material; wet at 5'	5'	No PID Readings Samples Collected: **Soil Sample S-8 collected 5-6' bgs** **TWP-8 water sample collected** **Gauged: Static Water = 6.17' bgs**

Attachment A

March 2019 Soil & Groundwater

Laboratory Analysis

ANALYTICAL REPORT

Lab Number:	L1911169
Client:	Hillmann Consulting, LLC 1600 Route 22 East Union, NJ 07083
ATTN:	Ryan Powell
Phone:	(908) 688-7800
Project Name:	G6-2423
Project Number:	G6-2423
Report Date:	03/29/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1911169-01	S-1	SOIL	NY	03/20/19 09:10	03/21/19
L1911169-02	S-2	SOIL	NY	03/20/19 09:45	03/21/19
L1911169-03	S-3	SOIL	NY	03/20/19 10:05	03/21/19
L1911169-04	S-4	SOIL	NY	03/20/19 11:00	03/21/19
L1911169-05	S-5	SOIL	NY	03/20/19 11:20	03/21/19
L1911169-06	S-6	SOIL	NY	03/20/19 11:30	03/21/19
L1911169-07	S-7	SOIL	NY	03/20/19 11:50	03/21/19
L1911169-08	S-8	SOIL	NY	03/20/19 12:05	03/21/19
L1911169-09	TWP-1	WATER	NY	03/20/19 10:45	03/21/19
L1911169-10	TWP-3	WATER	NY	03/20/19 11:35	03/21/19
L1911169-11	TWP-8	WATER	NY	03/20/19 12:25	03/21/19

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1219094-2 LCS recovery, associated with L1911169-09 through -11, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

PCBs

L1911169-10: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (20%/26%) and decachlorobiphenyl (23%/22%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

L1911169-11: The sample has elevated detection limits due to limited sample volume available for analysis.

WG1219258-3: The internal standard (IS) response for 1-bromo-2-nitrobenzene was above the acceptance criteria; however, the sample was not re-analyzed due to obvious interferences isolated to the primary column.

Pesticides

L1911169-07: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1911169-07: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

L1911169-11: The sample has elevated detection limits due to limited sample volume available for analysis.

Total Metals

L1911169-01 through -08: The sample has elevated detection limits for all elements, with the exception of

Project Name: G6-2423 **Lab Number:** L1911169
Project Number: G6-2423 **Report Date:** 03/29/19

Case Narrative (continued)

mercury, due to the dilution required by matrix interferences encountered during analysis.

L1911169-11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/29/19

ORGANICS

VOLATILES

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 01:27
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	0.16	J	ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	0.25	J	ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	0.56	J	ug/kg	1.7	0.48	1
o-Xylene	0.26	J	ug/kg	0.86	0.25	1
Xylenes, Total	0.82	J	ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	6.7	J	ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	3.8		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	0.48	J	ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	0.16	J	ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds						
Total TIC Compounds	29.2	J	ug/kg			1
Unknown	20.1	J	ug/kg			1
Unknown	2.28	J	ug/kg			1
Unknown Alkane	4.30	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	2.52	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 01:55
Analyst: MV
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	17.9	J	ug/kg			1
Unknown Alkane	5.45	J	ug/kg			1
Unknown Alkane	2.11	J	ug/kg			1
Silanol, Trimethyl-	7.96	NJ	ug/kg			1
Unknown	2.33	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 11:32
Analyst: MV
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	0.45	J	ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	13		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	2.5	J	ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1
Tentatively Identified Compounds						
Total TIC Compounds	26.2	J	ug/kg			1
Unknown	17.6	J	ug/kg			1
Unknown	3.68	J	ug/kg			1
Unknown	4.91	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 12:00
Analyst: MV
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	12		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds						
Total TIC Compounds	28.0	J	ug/kg			1
Unknown	10.0	J	ug/kg			1
Unknown	3.85	J	ug/kg			1
Unknown Alkane	2.83	J	ug/kg			1
Unknown	3.28	J	ug/kg			1
Unknown Alkane	8.07	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 12:56
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	0.32	J	ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	76		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.6	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	38.1	J	ug/kg			1
Unknown	4.83	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	4.68	NJ	ug/kg			1
Unknown	28.6	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 13:24
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	5.6	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds						
Total TIC Compounds	23.0	J	ug/kg			1
Unknown	7.05	J	ug/kg			1
Unknown	2.47	J	ug/kg			1
Unknown	2.76	J	ug/kg			1
Unknown	7.63	J	ug/kg			1
Unknown	3.07	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	104		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/27/19 23:54
Analyst: BD
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	ND		ug/kg	74	6.9	1
Carbon tetrachloride	ND		ug/kg	50	11.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	6.9	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.7	1
Chlorobenzene	ND		ug/kg	25	6.3	1
Trichlorofluoromethane	ND		ug/kg	200	34.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.3	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	50	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	25	7.8	1
1,3-Dichloropropene, Total	ND		ug/kg	25	7.8	1
1,1-Dichloropropene	ND		ug/kg	25	7.9	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.2	1
Benzene	53		ug/kg	25	8.2	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	ND		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	46.	1
Bromomethane	ND		ug/kg	99	29.	1
Vinyl chloride	ND		ug/kg	50	16.	1
Chloroethane	ND		ug/kg	99	22.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	74	6.8	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	99	7.1	1
1,3-Dichlorobenzene	ND		ug/kg	99	7.3	1
1,4-Dichlorobenzene	ND		ug/kg	99	8.5	1
Methyl tert butyl ether	ND		ug/kg	99	10.	1
p/m-Xylene	30	J	ug/kg	99	28.	1
o-Xylene	28	J	ug/kg	50	14.	1
Xylenes, Total	58	J	ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.7	1
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8	1
Dibromomethane	ND		ug/kg	99	12.	1
Styrene	ND		ug/kg	50	9.7	1
Dichlorodifluoromethane	ND		ug/kg	500	45.	1
Acetone	600		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	220	1
2-Butanone	ND		ug/kg	500	110	1
Vinyl acetate	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	63.	1
1,2,3-Trichloropropane	ND		ug/kg	99	6.3	1
2-Hexanone	ND		ug/kg	500	58.	1
Bromochloromethane	ND		ug/kg	99	10.	1
2,2-Dichloropropane	ND		ug/kg	99	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,3-Dichloropropane	ND		ug/kg	99	8.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.5	1
Bromobenzene	ND		ug/kg	99	7.2	1
n-Butylbenzene	ND		ug/kg	50	8.3	1
sec-Butylbenzene	ND		ug/kg	50	7.2	1
tert-Butylbenzene	ND		ug/kg	99	5.8	1
o-Chlorotoluene	ND		ug/kg	99	9.4	1
p-Chlorotoluene	ND		ug/kg	99	5.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	49.	1
Hexachlorobutadiene	ND		ug/kg	200	8.4	1
Isopropylbenzene	35	J	ug/kg	50	5.4	1
p-Isopropyltoluene	ND		ug/kg	50	5.4	1
Naphthalene	180	J	ug/kg	200	32.	1
Acrylonitrile	ND		ug/kg	200	57.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	50	8.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	99	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	99	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	99	9.6	1
1,2,4-Trimethylbenzene	40	J	ug/kg	99	16.	1
1,4-Dioxane	ND		ug/kg	4000	1700	1
p-Diethylbenzene	ND		ug/kg	99	8.8	1
p-Ethyltoluene	ND		ug/kg	99	19.	1
1,2,4,5-Tetramethylbenzene	12	J	ug/kg	99	9.4	1
Ethyl ether	ND		ug/kg	99	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	70.	1
Tentatively Identified Compounds						
Total TIC Compounds	2120	J	ug/kg			1
Indane	1330	NJ	ug/kg			1
Unknown	178	J	ug/kg			1
Unknown Aromatic	137	J	ug/kg			1
Unknown	294	J	ug/kg			1
Unknown Naphthalene	176	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/28/19 13:52
Analyst: MKS
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	0.80		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	18.7	J	ug/kg			1
Unknown	2.88	J	ug/kg			1
Unknown Alkane	7.81	J	ug/kg			1
Unknown	2.54	J	ug/kg			1
Unknown	2.67	J	ug/kg			1
Unknown	2.75	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	103		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 D
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/26/19 14:18
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	2.7		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 D
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	29		ug/l	10	2.8	4
o-Xylene	11		ug/l	10	2.8	4
Xylenes, Total	40		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
1,2-Dichloroethene, Total	ND		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	8.3	J	ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	480		ug/l	10	2.8	4

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 D
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	6.6	J	ug/l	10	2.8	4
1,2,4-Trimethylbenzene	16		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	ND		ug/l	8.0	2.8	4
p-Ethyltoluene	3.6	J	ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4
Tentatively Identified Compounds						
Total TIC Compounds	10.5	J	ug/l			4
Unknown Aromatic	5.40	J	ug/l			4
Indane	5.12	NJ	ug/l			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/26/19 13:42
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.61		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	0.70	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.70	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/26/19 13:05
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/26/19 08:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219825-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/26/19 08:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219825-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/26/19 08:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219825-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/26/19 08:51
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219825-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 17:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1220438-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 17:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1220438-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 17:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1220438-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 17:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1220438-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 18:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1220589-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 18:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1220589-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	12	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 18:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1220589-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/27/19 18:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 07 Batch: WG1220589-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-06,08 Batch: WG1220619-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-06,08 Batch: WG1220619-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-06,08 Batch: WG1220619-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/28/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-06,08 Batch: WG1220619-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219825-3 WG1219825-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		96		70-130	4		20
Chloroform	98		95		70-130	3		20
Carbon tetrachloride	80		74		63-132	8		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	93		90		63-130	3		20
1,1,2-Trichloroethane	98		98		70-130	0		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	100		94		62-150	6		20
1,2-Dichloroethane	96		94		70-130	2		20
1,1,1-Trichloroethane	98		92		67-130	6		20
Bromodichloromethane	97		92		67-130	5		20
trans-1,3-Dichloropropene	86		84		70-130	2		20
cis-1,3-Dichloropropene	94		90		70-130	4		20
1,1-Dichloropropene	97		91		70-130	6		20
Bromoform	98		94		54-136	4		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	99		94		70-130	5		20
Toluene	100		98		70-130	2		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	96		91		64-130	5		20
Bromomethane	83		69		39-139	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219825-3 WG1219825-4								
Vinyl chloride	100		98		55-140	2		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	99		91		61-145	8		20
trans-1,2-Dichloroethene	100		92		70-130	8		20
Trichloroethene	97		93		70-130	4		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	91		90		63-130	1		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	97		95		70-130	2		20
Dibromomethane	97		93		70-130	4		20
1,2,3-Trichloropropane	99		97		64-130	2		20
Acrylonitrile	110		110		70-130	0		20
Styrene	115		110		70-130	4		20
Dichlorodifluoromethane	93		86		36-147	8		20
Acetone	100		110		58-148	10		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	95		99		63-138	4		20
Vinyl acetate	95		95		70-130	0		20
4-Methyl-2-pentanone	94		91		59-130	3		20
2-Hexanone	95		95		57-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219825-3 WG1219825-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	96		90		63-133	6		20
1,2-Dibromoethane	98		94		70-130	4		20
1,3-Dichloropropane	97		96		70-130	1		20
1,1,1,2-Tetrachloroethane	90		87		64-130	3		20
Bromobenzene	100		98		70-130	2		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	96		87		41-144	10		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	110		100		70-130	10		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	110		110		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	144		146		56-162	1		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219825-3 WG1219825-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	110		110		70-130	0		20
Ethyl ether	92		90		59-134	2		20
trans-1,4-Dichloro-2-butene	90		88		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		104		70-130
Toluene-d8	105		103		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1220438-3 WG1220438-4								
Methylene chloride	101		98		70-130	3		30
1,1-Dichloroethane	107		103		70-130	4		30
Chloroform	107		103		70-130	4		30
Carbon tetrachloride	114		109		70-130	4		30
1,2-Dichloropropane	106		102		70-130	4		30
Dibromochloromethane	101		103		70-130	2		30
1,1,2-Trichloroethane	99		104		70-130	5		30
Tetrachloroethene	113		111		70-130	2		30
Chlorobenzene	107		107		70-130	0		30
Trichlorofluoromethane	121		114		70-139	6		30
1,2-Dichloroethane	100		102		70-130	2		30
1,1,1-Trichloroethane	110		106		70-130	4		30
Bromodichloromethane	105		100		70-130	5		30
trans-1,3-Dichloropropene	107		106		70-130	1		30
cis-1,3-Dichloropropene	107		106		70-130	1		30
1,1-Dichloropropene	111		108		70-130	3		30
Bromoform	98		98		70-130	0		30
1,1,2,2-Tetrachloroethane	95		94		70-130	1		30
Benzene	108		104		70-130	4		30
Toluene	106		105		70-130	1		30
Ethylbenzene	109		108		70-130	1		30
Chloromethane	115		104		52-130	10		30
Bromomethane	122		116		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1220438-3 WG1220438-4								
Vinyl chloride	115		113		67-130	2		30
Chloroethane	122		115		50-151	6		30
1,1-Dichloroethene	114		110		65-135	4		30
trans-1,2-Dichloroethene	110		104		70-130	6		30
Trichloroethene	112		110		70-130	2		30
1,2-Dichlorobenzene	104		104		70-130	0		30
1,3-Dichlorobenzene	107		105		70-130	2		30
1,4-Dichlorobenzene	106		104		70-130	2		30
Methyl tert butyl ether	99		98		66-130	1		30
p/m-Xylene	111		110		70-130	1		30
o-Xylene	110		110		70-130	0		30
cis-1,2-Dichloroethene	108		107		70-130	1		30
Dibromomethane	101		101		70-130	0		30
Styrene	111		112		70-130	1		30
Dichlorodifluoromethane	112		110		30-146	2		30
Acetone	91		99		54-140	8		30
Carbon disulfide	112		105		59-130	6		30
2-Butanone	86		86		70-130	0		30
Vinyl acetate	96		98		70-130	2		30
4-Methyl-2-pentanone	98		92		70-130	6		30
1,2,3-Trichloropropane	95		101		68-130	6		30
2-Hexanone	92		90		70-130	2		30
Bromochloromethane	105		100		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1220438-3 WG1220438-4								
2,2-Dichloropropane	110		106		70-130	4		30
1,2-Dibromoethane	104		104		70-130	0		30
1,3-Dichloropropane	99		103		69-130	4		30
1,1,1,2-Tetrachloroethane	104		105		70-130	1		30
Bromobenzene	105		102		70-130	3		30
n-Butylbenzene	116		111		70-130	4		30
sec-Butylbenzene	111		107		70-130	4		30
tert-Butylbenzene	108		105		70-130	3		30
o-Chlorotoluene	103		102		70-130	1		30
p-Chlorotoluene	104		103		70-130	1		30
1,2-Dibromo-3-chloropropane	96		90		68-130	6		30
Hexachlorobutadiene	112		111		67-130	1		30
Isopropylbenzene	107		105		70-130	2		30
p-Isopropyltoluene	111		110		70-130	1		30
Naphthalene	100		98		70-130	2		30
Acrylonitrile	107		107		70-130	0		30
n-Propylbenzene	112		108		70-130	4		30
1,2,3-Trichlorobenzene	109		105		70-130	4		30
1,2,4-Trichlorobenzene	116		114		70-130	2		30
1,3,5-Trimethylbenzene	109		108		70-130	1		30
1,2,4-Trimethylbenzene	109		106		70-130	3		30
1,4-Dioxane	103		100		65-136	3		30
p-Diethylbenzene	115		113		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1220438-3 WG1220438-4								
p-Ethyltoluene	111		108		70-130	3		30
1,2,4,5-Tetramethylbenzene	112		109		70-130	3		30
Ethyl ether	102		102		67-130	0		30
trans-1,4-Dichloro-2-butene	102		100		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	98		101		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	103		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1220589-3 WG1220589-4								
Methylene chloride	87		87		70-130	0		30
1,1-Dichloroethane	94		94		70-130	0		30
Chloroform	88		91		70-130	3		30
Carbon tetrachloride	86		86		70-130	0		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	85		87		70-130	2		30
1,1,2-Trichloroethane	91		94		70-130	3		30
Tetrachloroethene	90		89		70-130	1		30
Chlorobenzene	88		87		70-130	1		30
Trichlorofluoromethane	**62**	Q	**62**	Q	70-139	0		30
1,2-Dichloroethane	89		90		70-130	1		30
1,1,1-Trichloroethane	87		87		70-130	0		30
Bromodichloromethane	84		86		70-130	2		30
trans-1,3-Dichloropropene	91		92		70-130	1		30
cis-1,3-Dichloropropene	89		90		70-130	1		30
1,1-Dichloropropene	96		97		70-130	1		30
Bromoform	87		88		70-130	1		30
1,1,2,2-Tetrachloroethane	87		90		70-130	3		30
Benzene	92		91		70-130	1		30
Toluene	92		92		70-130	0		30
Ethylbenzene	91		90		70-130	1		30
Chloromethane	108		107		52-130	1		30
Bromomethane	67		64		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1220589-3 WG1220589-4								
Vinyl chloride	78		76		67-130	3		30
Chloroethane	71		70		50-151	1		30
1,1-Dichloroethene	91		90		65-135	1		30
trans-1,2-Dichloroethene	88		88		70-130	0		30
Trichloroethene	88		88		70-130	0		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	90		90		70-130	0		30
1,4-Dichlorobenzene	89		89		70-130	0		30
Methyl tert butyl ether	87		89		66-130	2		30
p/m-Xylene	89		88		70-130	1		30
o-Xylene	86		86		70-130	0		30
cis-1,2-Dichloroethene	87		88		70-130	1		30
Dibromomethane	84		86		70-130	2		30
Styrene	85		86		70-130	1		30
Dichlorodifluoromethane	92		91		30-146	1		30
Acetone	95		103		54-140	8		30
Carbon disulfide	104		105		59-130	1		30
2-Butanone	101		109		70-130	8		30
Vinyl acetate	91		94		70-130	3		30
4-Methyl-2-pentanone	90		95		70-130	5		30
1,2,3-Trichloropropane	93		99		68-130	6		30
2-Hexanone	84		90		70-130	7		30
Bromochloromethane	90		90		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1220589-3 WG1220589-4								
2,2-Dichloropropane	91		90		70-130	1		30
1,2-Dibromoethane	86		87		70-130	1		30
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	84		84		70-130	0		30
Bromobenzene	88		88		70-130	0		30
n-Butylbenzene	94		93		70-130	1		30
sec-Butylbenzene	93		92		70-130	1		30
tert-Butylbenzene	90		90		70-130	0		30
o-Chlorotoluene	93		93		70-130	0		30
p-Chlorotoluene	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	82		87		68-130	6		30
Hexachlorobutadiene	96		96		67-130	0		30
Isopropylbenzene	93		92		70-130	1		30
p-Isopropyltoluene	92		92		70-130	0		30
Naphthalene	83		86		70-130	4		30
Acrylonitrile	109		114		70-130	4		30
n-Propylbenzene	95		94		70-130	1		30
1,2,3-Trichlorobenzene	88		88		70-130	0		30
1,2,4-Trichlorobenzene	89		88		70-130	1		30
1,3,5-Trimethylbenzene	94		92		70-130	2		30
1,2,4-Trimethylbenzene	92		91		70-130	1		30
1,4-Dioxane	88		96		65-136	9		30
p-Diethylbenzene	93		92		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 07 Batch: WG1220589-3 WG1220589-4								
p-Ethyltoluene	95		94		70-130	1		30
1,2,4,5-Tetramethylbenzene	89		88		70-130	1		30
Ethyl ether	72		75		67-130	4		30
trans-1,4-Dichloro-2-butene	95		98		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	107		105		70-130
Dibromofluoromethane	94		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-06,08 Batch: WG1220619-3 WG1220619-4								
Methylene chloride	101		94		70-130	7		30
1,1-Dichloroethane	105		100		70-130	5		30
Chloroform	105		99		70-130	6		30
Carbon tetrachloride	102		95		70-130	7		30
1,2-Dichloropropane	105		99		70-130	6		30
Dibromochloromethane	97		92		70-130	5		30
1,1,2-Trichloroethane	104		99		70-130	5		30
Tetrachloroethene	114		104		70-130	9		30
Chlorobenzene	107		100		70-130	7		30
Trichlorofluoromethane	134		122		70-139	9		30
1,2-Dichloroethane	105		99		70-130	6		30
1,1,1-Trichloroethane	108		98		70-130	10		30
Bromodichloromethane	101		96		70-130	5		30
trans-1,3-Dichloropropene	102		101		70-130	1		30
cis-1,3-Dichloropropene	108		99		70-130	9		30
1,1-Dichloropropene	110		98		70-130	12		30
Bromoform	87		86		70-130	1		30
1,1,2,2-Tetrachloroethane	95		90		70-130	5		30
Benzene	110		100		70-130	10		30
Toluene	107		100		70-130	7		30
Ethylbenzene	109		100		70-130	9		30
Chloromethane	107		101		52-130	6		30
Bromomethane	135		127		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-06,08 Batch: WG1220619-3 WG1220619-4								
Vinyl chloride	129		120		67-130	7		30
Chloroethane	145		122		50-151	17		30
1,1-Dichloroethene	129		108		65-135	18		30
trans-1,2-Dichloroethene	106		98		70-130	8		30
Trichloroethene	110		104		70-130	6		30
1,2-Dichlorobenzene	108		101		70-130	7		30
1,3-Dichlorobenzene	112		102		70-130	9		30
1,4-Dichlorobenzene	107		101		70-130	6		30
Methyl tert butyl ether	96		93		66-130	3		30
p/m-Xylene	113		104		70-130	8		30
o-Xylene	111		103		70-130	7		30
cis-1,2-Dichloroethene	107		102		70-130	5		30
Dibromomethane	102		101		70-130	1		30
Styrene	112		106		70-130	6		30
Dichlorodifluoromethane	111		99		30-146	11		30
Acetone	110		104		54-140	6		30
Carbon disulfide	130		96		59-130	30		30
2-Butanone	92		97		70-130	5		30
Vinyl acetate	98		93		70-130	5		30
4-Methyl-2-pentanone	93		91		70-130	2		30
1,2,3-Trichloropropane	97		93		68-130	4		30
2-Hexanone	94		87		70-130	8		30
Bromochloromethane	107		103		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-06,08 Batch: WG1220619-3 WG1220619-4								
2,2-Dichloropropane	105		94		70-130	11		30
1,2-Dibromoethane	105		100		70-130	5		30
1,3-Dichloropropane	100		97		69-130	3		30
1,1,1,2-Tetrachloroethane	102		96		70-130	6		30
Bromobenzene	106		101		70-130	5		30
n-Butylbenzene	116		108		70-130	7		30
sec-Butylbenzene	109		102		70-130	7		30
tert-Butylbenzene	109		100		70-130	9		30
o-Chlorotoluene	102		96		70-130	6		30
p-Chlorotoluene	105		97		70-130	8		30
1,2-Dibromo-3-chloropropane	89		87		68-130	2		30
Hexachlorobutadiene	118		106		67-130	11		30
Isopropylbenzene	107		97		70-130	10		30
p-Isopropyltoluene	112		101		70-130	10		30
Naphthalene	98		97		70-130	1		30
Acrylonitrile	113		102		70-130	10		30
n-Propylbenzene	110		100		70-130	10		30
1,2,3-Trichlorobenzene	110		105		70-130	5		30
1,2,4-Trichlorobenzene	118		112		70-130	5		30
1,3,5-Trimethylbenzene	109		101		70-130	8		30
1,2,4-Trimethylbenzene	108		101		70-130	7		30
1,4-Dioxane	98		101		65-136	3		30
p-Diethylbenzene	117		108		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-06,08 Batch: WG1220619-3 WG1220619-4								
p-Ethyltoluene	109		99		70-130	10		30
1,2,4,5-Tetramethylbenzene	112		103		70-130	8		30
Ethyl ether	123		115		67-130	7		30
trans-1,4-Dichloro-2-butene	96		102		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 01:27
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	130		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	140		ug/kg	120	22.	1
Benzo(a)pyrene	180		ug/kg	150	47.	1
Benzo(b)fluoranthene	190		ug/kg	120	32.	1
Benzo(k)fluoranthene	73	J	ug/kg	120	31.	1
Chrysene	130		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	100	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	79	J	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	100	J	ug/kg	150	27.	1
Pyrene	120		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	23	J	ug/kg	190	19.	1
Tentatively Identified Compounds						
Total TIC Compounds	982	J	ug/kg			1
Unknown	520	J	ug/kg			1
Unknown	462	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	76		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/19 23:18
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	76		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 00:35
Analyst: EK
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	26.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	39.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	39.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	100	J	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	57.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	55.	1
Benzo(b)fluoranthene	ND		ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	130	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	40	J	ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	22	J	ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	43.	1
p-Chloro-m-cresol	ND		ug/kg	220	34.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Benzoic Acid	ND		ug/kg	730	230	1
Benzyl Alcohol	ND		ug/kg	220	69.	1
Carbazole	ND		ug/kg	220	22.	1
Tentatively Identified Compounds						
Total TIC Compounds	2500	J	ug/kg			1
Unknown	798	J	ug/kg			1
Unknown	275	J	ug/kg			1
Unknown	264	J	ug/kg			1
Unknown	288	J	ug/kg			1
Unknown	266	J	ug/kg			1
Unknown Alkane	319	J	ug/kg			1
Unknown	286	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	68		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/26/19 23:44
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 12:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	64		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 01:01
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	110	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	26	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	84	J	ug/kg	120	23.	1
Benzo(a)pyrene	99	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	110	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	41	J	ug/kg	120	32.	1
Chrysene	92	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	55	J	ug/kg	120	39.	1
Benzo(ghi)perylene	63	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	96	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	68	J	ug/kg	160	28.	1
Pyrene	81	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	63	J	ug/kg	200	20.	1
Tentatively Identified Compounds						
Total TIC Compounds	2830	J	ug/kg			1
Unknown	484	J	ug/kg			1
Unknown Alkane	198	J	ug/kg			1
Unknown Alkane	215	J	ug/kg			1
Unknown Alkane	303	J	ug/kg			1
Unknown Alkane	411	J	ug/kg			1
Unknown Alkane	336	J	ug/kg			1
Unknown Alkane	330	J	ug/kg			1
Unknown	553	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	78		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 05:49
Analyst: RC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
Tentatively Identified Compounds						
Total TIC Compounds	571	J	ug/kg			1
Unknown	287	J	ug/kg			1
Unknown	284	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	69		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 21:18
Analyst: RC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	800		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	890		ug/kg	110	20.	1
Benzo(a)pyrene	690		ug/kg	150	44.	1
Benzo(b)fluoranthene	810		ug/kg	110	31.	1
Benzo(k)fluoranthene	280		ug/kg	110	29.	1
Chrysene	750		ug/kg	110	19.	1
Acenaphthylene	140	J	ug/kg	150	28.	1
Anthracene	620		ug/kg	110	36.	1
Benzo(ghi)perylene	370		ug/kg	150	21.	1
Fluorene	330		ug/kg	180	18.	1
Phenanthrene	1300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	90	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	390		ug/kg	150	25.	1
Pyrene	1600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	70	J	ug/kg	180	17.	1
2-Methylnaphthalene	64	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	72	J	ug/kg	180	18.	1
Tentatively Identified Compounds						
Total TIC Compounds	2200	J	ug/kg			1
Unknown PAH	217	J	ug/kg			1
Indane	1050	NJ	ug/kg			1
Unknown	390	J	ug/kg			1
Unknown Benzene	149	J	ug/kg			1
Unknown	178	J	ug/kg			1
Unknown	217	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	66		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/27/19 06:16
Analyst: RC
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	58		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/28/19 10:20
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	2.9		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	6.8		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	5.8		ug/l	2.0	0.49	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	150	J	ug/l			1
Unknown Benzene	10.8	J	ug/l			1
Unknown Naphthalene	6.04	J	ug/l			1
Unknown PAH	7.09	J	ug/l			1
Unknown PAH	8.91	J	ug/l			1
Unknown PAH	13.3	J	ug/l			1
Unknown PAH	7.56	J	ug/l			1
Unknown	9.05	J	ug/l			1
Unknown PAH	8.22	J	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown PAH	5.96	J	ug/l			1
Aldol Condensates	26.4	J	ug/l			1
Unknown	10.8	J	ug/l			1
Unknown	8.73	J	ug/l			1
Unknown PAH	6.36	J	ug/l			1
Unknown	10.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	102		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/28/19 11:32
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.6		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	68	E	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	150	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	38	E	ug/l	0.10	0.02	1
Benzo(a)pyrene	29		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	22		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	23		ug/l	0.10	0.01	1
Chrysene	27		ug/l	0.10	0.01	1
Acenaphthylene	3.9		ug/l	0.10	0.01	1
Anthracene	18		ug/l	0.10	0.01	1
Benzo(ghi)perylene	18		ug/l	0.10	0.01	1
Fluorene	4.6		ug/l	0.10	0.01	1
Phenanthrene	15		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	5.4		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	17		ug/l	0.10	0.01	1
Pyrene	58	E	ug/l	0.10	0.02	1
2-Methylnaphthalene	4.7		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	87		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 D
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/28/19 12:43
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Fluoranthene	65		ug/l	1.0	0.20	10
Naphthalene	150		ug/l	1.0	0.49	10
Benzo(a)anthracene	29		ug/l	1.0	0.20	10
Pyrene	56		ug/l	1.0	0.19	10

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/28/19 10:47
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds				
Total TIC Compounds	47.7	J	ug/l	1
Unknown	3.16	J	ug/l	1
Unknown	1.49	J	ug/l	1
Unknown	4.00	J	ug/l	1
Unknown Organic Acid	3.24	J	ug/l	1
Aldol Condensates	32.4	J	ug/l	1
Unknown	1.49	J	ug/l	1
Unknown PAH	1.93	J	ug/l	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	93		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/28/19 11:56
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	4.1		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.36		ug/l	0.10	0.05	1
Benzo(a)anthracene	2.9		ug/l	0.10	0.02	1
Benzo(a)pyrene	3.2		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	2.7		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	2.6		ug/l	0.10	0.01	1
Chrysene	2.8		ug/l	0.10	0.01	1
Acenaphthylene	0.37		ug/l	0.10	0.01	1
Anthracene	0.42		ug/l	0.10	0.01	1
Benzo(ghi)perylene	2.2		ug/l	0.10	0.01	1
Fluorene	0.16		ug/l	0.10	0.01	1
Phenanthrene	1.2		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.80		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	2.1		ug/l	0.10	0.01	1
Pyrene	4.6		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.12		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	85		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/25/19 19:35
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds						
Total TIC Compounds	42.6	J	ug/l			1
Aldol Condensates	33.5	J	ug/l			1
Unknown Organic Acid	7.27	J	ug/l			1
Unknown Organic Acid	1.82	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		21-120
Phenol-d6	104		10-120
Nitrobenzene-d5	**126**	Q	23-120
2-Fluorobiphenyl	**124**	Q	15-120
2,4,6-Tribromophenol	**122**	Q	10-120
4-Terphenyl-d14	137		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/28/19 11:13
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds

Total TIC Compounds	12.6	J	ug/l			1
Aldol Condensates	12.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	57		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/28/19 12:19
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		21-120
Phenol-d6	82		10-120
Nitrobenzene-d5	**125**	Q	23-120
2-Fluorobiphenyl	120		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	127		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/23/19 21:06
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/23/19 05:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1218787-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/23/19 21:06
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/23/19 05:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1218787-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/23/19 21:06
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 03/23/19 05:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1218787-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	80		18-120

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/19 20:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219094-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/19 20:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219094-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/19 20:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219094-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	37.3	J	ug/l
Unknown	2.36	J	ug/l
Unknown Siloxane	4.00	J	ug/l
Unknown	1.71	J	ug/l
Aldol Condensates	29.2	J	ug/l

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/25/19 20:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1219094-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	117		41-149

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/27/19 11:43
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-11 Batch: WG1220622-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	0.01	J	ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/27/19 11:43
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 07:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-11 Batch: WG1220622-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	121		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1218787-2 WG1218787-3								
Acenaphthene	90		84		31-137	7		50
1,2,4-Trichlorobenzene	78		75		38-107	4		50
Hexachlorobenzene	95		86		40-140	10		50
Bis(2-chloroethyl)ether	89		84		40-140	6		50
2-Chloronaphthalene	86		80		40-140	7		50
1,2-Dichlorobenzene	80		75		40-140	6		50
1,3-Dichlorobenzene	78		75		40-140	4		50
1,4-Dichlorobenzene	80		74		28-104	8		50
3,3'-Dichlorobenzidine	65		65		40-140	0		50
2,4-Dinitrotoluene	104		96		40-132	8		50
2,6-Dinitrotoluene	96		91		40-140	5		50
Fluoranthene	85		81		40-140	5		50
4-Chlorophenyl phenyl ether	83		76		40-140	9		50
4-Bromophenyl phenyl ether	88		80		40-140	10		50
Bis(2-chloroisopropyl)ether	104		98		40-140	6		50
Bis(2-chloroethoxy)methane	92		86		40-117	7		50
Hexachlorobutadiene	74		70		40-140	6		50
Hexachlorocyclopentadiene	58		51		40-140	13		50
Hexachloroethane	93		87		40-140	7		50
Isophorone	94		92		40-140	2		50
Naphthalene	83		77		40-140	8		50
Nitrobenzene	94		90		40-140	4		50
NDPA/DPA	94		87		36-157	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1218787-2 WG1218787-3								
n-Nitrosodi-n-propylamine	94		91		32-121	3		50
Bis(2-ethylhexyl)phthalate	107		104		40-140	3		50
Butyl benzyl phthalate	95		91		40-140	4		50
Di-n-butylphthalate	104		100		40-140	4		50
Di-n-octylphthalate	125		120		40-140	4		50
Diethyl phthalate	103		95		40-140	8		50
Dimethyl phthalate	87		84		40-140	4		50
Benzo(a)anthracene	88		86		40-140	2		50
Benzo(a)pyrene	95		93		40-140	2		50
Benzo(b)fluoranthene	98		88		40-140	11		50
Benzo(k)fluoranthene	89		94		40-140	5		50
Chrysene	90		87		40-140	3		50
Acenaphthylene	84		83		40-140	1		50
Anthracene	88		82		40-140	7		50
Benzo(ghi)perylene	82		81		40-140	1		50
Fluorene	91		84		40-140	8		50
Phenanthrene	83		78		40-140	6		50
Dibenzo(a,h)anthracene	81		80		40-140	1		50
Indeno(1,2,3-cd)pyrene	83		83		40-140	0		50
Pyrene	85		82		35-142	4		50
Biphenyl	89		83		54-104	7		50
4-Chloroaniline	82		81		40-140	1		50
2-Nitroaniline	101		97		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1218787-2 WG1218787-3								
3-Nitroaniline	93		90		26-129	3		50
4-Nitroaniline	98		92		41-125	6		50
Dibenzofuran	91		84		40-140	8		50
2-Methylnaphthalene	84		80		40-140	5		50
1,2,4,5-Tetrachlorobenzene	85		80		40-117	6		50
Acetophenone	93		90		14-144	3		50
2,4,6-Trichlorophenol	93		86		30-130	8		50
p-Chloro-m-cresol	102		100		26-103	2		50
2-Chlorophenol	94		88		25-102	7		50
2,4-Dichlorophenol	96		94		30-130	2		50
2,4-Dimethylphenol	101		95		30-130	6		50
2-Nitrophenol	104		98		30-130	6		50
4-Nitrophenol	**116**	Q	106		11-114	9		50
2,4-Dinitrophenol	92		85		4-130	8		50
4,6-Dinitro-o-cresol	94		88		10-130	7		50
Pentachlorophenol	81		69		17-109	16		50
Phenol	90		85		26-90	6		50
2-Methylphenol	96		93		30-130.	3		50
3-Methylphenol/4-Methylphenol	105		102		30-130	3		50
2,4,5-Trichlorophenol	97		90		30-130	7		50
Benzoic Acid	71		58		10-110	20		50
Benzyl Alcohol	100		96		40-140	4		50
Carbazole	89		86		54-128	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1218787-2 WG1218787-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		82		25-120
Phenol-d6	84		80		10-120
Nitrobenzene-d5	88		85		23-120
2-Fluorobiphenyl	75		72		30-120
2,4,6-Tribromophenol	103		92		10-136
4-Terphenyl-d14	74		69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219094-2 WG1219094-3								
Acenaphthene	75		102		37-111	21		30
1,2,4-Trichlorobenzene	67		**100**	Q	39-98	**33**	Q	30
Hexachlorobenzene	84		113		40-140	20		30
Bis(2-chloroethyl)ether	69		102		40-140	25		30
2-Chloronaphthalene	75		106		40-140	20		30
1,2-Dichlorobenzene	65		99		40-140	**36**	Q	30
1,3-Dichlorobenzene	60		93		40-140	**35**	Q	30
1,4-Dichlorobenzene	60		94		36-97	**32**	Q	30
3,3'-Dichlorobenzidine	66		84		40-140	5		30
2,4-Dinitrotoluene	88		123		48-143	**33**	Q	30
2,6-Dinitrotoluene	90		127		40-140	23		30
Fluoranthene	95		126		40-140	25		30
4-Chlorophenyl phenyl ether	80		106		40-140	15		30
4-Bromophenyl phenyl ether	83		111		40-140	12		30
Bis(2-chloroisopropyl)ether	70		104		40-140	**32**	Q	30
Bis(2-chloroethoxy)methane	76		110		40-140	27		30
Hexachlorobutadiene	60		90		40-140	18		30
Hexachlorocyclopentadiene	51		78		40-140	9		30
Hexachloroethane	57		92		40-140	**31**	Q	30
Isophorone	81		124		40-140	**36**	Q	30
Naphthalene	70		106		40-140	30		30
Nitrobenzene	72		112		40-140	30		30
NDPA/DPA	93		122		40-140	23		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219094-2 WG1219094-3								
n-Nitrosodi-n-propylamine	84		123		29-132	**32**	Q	30
Bis(2-ethylhexyl)phthalate	75		109		40-140	2		30
Butyl benzyl phthalate	101		122		40-140	21		30
Di-n-butylphthalate	84		112		40-140	11		30
Di-n-octylphthalate	83		102		40-140	5		30
Diethyl phthalate	95		128		40-140	26		30
Dimethyl phthalate	90		122		40-140	20		30
Benzo(a)anthracene	91		119		40-140	16		30
Benzo(a)pyrene	106		**141**	Q	40-140	**32**	Q	30
Benzo(b)fluoranthene	98		132		40-140	30		30
Benzo(k)fluoranthene	100		133		40-140	25		30
Chrysene	84		109		40-140	15		30
Acenaphthylene	84		120		45-123	29		30
Anthracene	85		114		40-140	20		30
Benzo(ghi)perylene	87		118		40-140	23		30
Fluorene	84		113		40-140	20		30
Phenanthrene	81		106		40-140	15		30
Dibenzo(a,h)anthracene	88		117		40-140	24		30
Indeno(1,2,3-cd)pyrene	91		123		40-140	26		30
Pyrene	96		124		26-127	25		30
Biphenyl	78		112		40-140	20		30
4-Chloroaniline	68		77		40-140	15		30
2-Nitroaniline	80		114		52-143	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219094-2 WG1219094-3								
3-Nitroaniline	77		97		25-145	17		30
4-Nitroaniline	90		115		51-143	23		30
Dibenzofuran	78		107		40-140	21		30
2-Methylnaphthalene	74		106		40-140	23		30
1,2,4,5-Tetrachlorobenzene	69		103		2-134	24		30
Acetophenone	83		124		39-129	**37**	Q	30
2,4,6-Trichlorophenol	81		112		30-130	11		30
p-Chloro-m-cresol	86		**125**	Q	23-97	22		30
2-Chlorophenol	71		104		27-123	24		30
2,4-Dichlorophenol	76		111		30-130	18		30
2,4-Dimethylphenol	60		76		30-130	10		30
2-Nitrophenol	60		101		30-130	18		30
4-Nitrophenol	**84**	Q	**115**	Q	10-80	18		30
2,4-Dinitrophenol	46		82		20-130	2		30
4,6-Dinitro-o-cresol	61		94		20-164	7		30
Pentachlorophenol	80		**110**	Q	9-103	8		30
Phenol	62		86		12-110	25		30
2-Methylphenol	72		102		30-130	21		30
3-Methylphenol/4-Methylphenol	74		106		30-130	19		30
2,4,5-Trichlorophenol	84		120		30-130	20		30
Benzoic Acid	**0**	Q	44		10-164	NC		30
Benzyl Alcohol	71		109		26-116	**32**	Q	30
Carbazole	96		126		55-144	24		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1219094-2 WG1219094-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		89		21-120
Phenol-d6	54		78		10-120
Nitrobenzene-d5	72		109		23-120
2-Fluorobiphenyl	76		104		15-120
2,4,6-Tribromophenol	82		108		10-120
4-Terphenyl-d14	95		114		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-11 Batch: WG1220622-2 WG1220622-3								
Acenaphthene	116		112		40-140	4		40
2-Chloronaphthalene	110		103		40-140	7		40
Fluoranthene	123		118		40-140	4		40
Hexachlorobutadiene	107		99		40-140	8		40
Naphthalene	105		98		40-140	7		40
Benzo(a)anthracene	131		126		40-140	4		40
Benzo(a)pyrene	117		113		40-140	3		40
Benzo(b)fluoranthene	118		116		40-140	2		40
Benzo(k)fluoranthene	123		115		40-140	7		40
Chrysene	132		129		40-140	2		40
Acenaphthylene	114		107		40-140	6		40
Anthracene	120		118		40-140	2		40
Benzo(ghi)perylene	118		113		40-140	4		40
Fluorene	124		121		40-140	2		40
Phenanthrene	117		113		40-140	3		40
Dibenzo(a,h)anthracene	123		119		40-140	3		40
Indeno(1,2,3-cd)pyrene	123		119		40-140	3		40
Pyrene	123		118		40-140	4		40
2-Methylnaphthalene	108		101		40-140	7		40
Pentachlorophenol	115		116		40-140	1		40
Hexachlorobenzene	118		115		40-140	3		40
Hexachloroethane	96		89		40-140	8		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-11 Batch: WG1220622-2 WG1220622-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		75		21-120
Phenol-d6	66		61		10-120
Nitrobenzene-d5	107		99		23-120
2-Fluorobiphenyl	100		93		15-120
2,4,6-Tribromophenol	112		116		10-120
4-Terphenyl-d14	108		104		41-149

PCBS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 17:54
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.45	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.24	1	A
Aroclor 1242	ND		ug/kg	38.9	5.24	1	A
Aroclor 1248	ND		ug/kg	38.9	5.83	1	A
Aroclor 1254	ND		ug/kg	38.9	4.25	1	A
Aroclor 1260	ND		ug/kg	38.9	7.18	1	A
Aroclor 1262	ND		ug/kg	38.9	4.94	1	A
Aroclor 1268	ND		ug/kg	38.9	4.03	1	A
PCBs, Total	ND		ug/kg	38.9	3.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	37		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 18:09
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	3.31	1	A
Aroclor 1221	ND		ug/kg	37.2	3.73	1	A
Aroclor 1232	ND		ug/kg	37.2	7.89	1	A
Aroclor 1242	ND		ug/kg	37.2	5.02	1	A
Aroclor 1248	ND		ug/kg	37.2	5.58	1	A
Aroclor 1254	ND		ug/kg	37.2	4.07	1	A
Aroclor 1260	ND		ug/kg	37.2	6.88	1	A
Aroclor 1262	ND		ug/kg	37.2	4.73	1	A
Aroclor 1268	ND		ug/kg	37.2	3.86	1	A
PCBs, Total	ND		ug/kg	37.2	3.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 18:23
Analyst: WR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.1	3.92	1	A
Aroclor 1221	ND		ug/kg	44.1	4.42	1	A
Aroclor 1232	ND		ug/kg	44.1	9.35	1	A
Aroclor 1242	ND		ug/kg	44.1	5.95	1	A
Aroclor 1248	ND		ug/kg	44.1	6.62	1	A
Aroclor 1254	ND		ug/kg	44.1	4.83	1	A
Aroclor 1260	ND		ug/kg	44.1	8.15	1	A
Aroclor 1262	ND		ug/kg	44.1	5.60	1	A
Aroclor 1268	ND		ug/kg	44.1	4.57	1	A
PCBs, Total	ND		ug/kg	44.1	3.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 18:38
Analyst: WR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	3.52	1	A
Aroclor 1221	ND		ug/kg	39.7	3.97	1	A
Aroclor 1232	ND		ug/kg	39.7	8.41	1	A
Aroclor 1242	ND		ug/kg	39.7	5.35	1	A
Aroclor 1248	ND		ug/kg	39.7	5.95	1	A
Aroclor 1254	ND		ug/kg	39.7	4.34	1	A
Aroclor 1260	ND		ug/kg	39.7	7.33	1	A
Aroclor 1262	ND		ug/kg	39.7	5.04	1	A
Aroclor 1268	ND		ug/kg	39.7	4.11	1	A
PCBs, Total	ND		ug/kg	39.7	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/29/19 01:53
Analyst: HT
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/28/19 09:42
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/28/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.8	3.54	1	A
Aroclor 1221	ND		ug/kg	39.8	3.99	1	A
Aroclor 1232	ND		ug/kg	39.8	8.45	1	A
Aroclor 1242	ND		ug/kg	39.8	5.37	1	A
Aroclor 1248	ND		ug/kg	39.8	5.98	1	A
Aroclor 1254	ND		ug/kg	39.8	4.36	1	A
Aroclor 1260	17.0	J	ug/kg	39.8	7.36	1	B
Aroclor 1262	ND		ug/kg	39.8	5.06	1	A
Aroclor 1268	10.6	JP	ug/kg	39.8	4.13	1	A
PCBs, Total	27.6	J	ug/kg	39.8	3.54	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/29/19 02:06
Analyst: HT
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/28/19 09:42
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/28/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.3	3.40	1	A
Aroclor 1221	ND		ug/kg	38.3	3.84	1	A
Aroclor 1232	ND		ug/kg	38.3	8.12	1	A
Aroclor 1242	ND		ug/kg	38.3	5.17	1	A
Aroclor 1248	ND		ug/kg	38.3	5.75	1	A
Aroclor 1254	ND		ug/kg	38.3	4.19	1	A
Aroclor 1260	ND		ug/kg	38.3	7.08	1	A
Aroclor 1262	ND		ug/kg	38.3	4.87	1	A
Aroclor 1268	ND		ug/kg	38.3	3.97	1	A
PCBs, Total	ND		ug/kg	38.3	3.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 19:23
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.53	1	A
Aroclor 1242	ND		ug/kg	35.5	4.79	1	A
Aroclor 1248	ND		ug/kg	35.5	5.33	1	A
Aroclor 1254	ND		ug/kg	35.5	3.88	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	ND		ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/27/19 19:38
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	3.37	1	A
Aroclor 1221	ND		ug/kg	37.9	3.80	1	A
Aroclor 1232	ND		ug/kg	37.9	8.04	1	A
Aroclor 1242	ND		ug/kg	37.9	5.11	1	A
Aroclor 1248	ND		ug/kg	37.9	5.69	1	A
Aroclor 1254	ND		ug/kg	37.9	4.15	1	A
Aroclor 1260	ND		ug/kg	37.9	7.01	1	A
Aroclor 1262	ND		ug/kg	37.9	4.82	1	A
Aroclor 1268	ND		ug/kg	37.9	3.93	1	A
PCBs, Total	ND		ug/kg	37.9	3.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/28/19 09:49
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/26/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.082	0.034	1	B
Aroclor 1221	ND		ug/l	0.082	0.066	1	B
Aroclor 1232	ND		ug/l	0.082	0.045	1	B
Aroclor 1242	ND		ug/l	0.082	0.038	1	B
Aroclor 1248	ND		ug/l	0.082	0.048	1	B
Aroclor 1254	ND		ug/l	0.082	0.039	1	B
Aroclor 1260	ND		ug/l	0.082	0.032	1	B
Aroclor 1262	ND		ug/l	0.082	0.034	1	B
Aroclor 1268	ND		ug/l	0.082	0.033	1	B
PCBs, Total	ND		ug/l	0.082	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/28/19 10:03
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/26/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.082	0.034	1	B
Aroclor 1221	ND		ug/l	0.082	0.066	1	B
Aroclor 1232	ND		ug/l	0.082	0.045	1	B
Aroclor 1242	ND		ug/l	0.082	0.038	1	B
Aroclor 1248	ND		ug/l	0.082	0.048	1	B
Aroclor 1254	ND		ug/l	0.082	0.039	1	B
Aroclor 1260	ND		ug/l	0.082	0.032	1	B
Aroclor 1262	ND		ug/l	0.082	0.034	1	B
Aroclor 1268	ND		ug/l	0.082	0.033	1	B
PCBs, Total	ND		ug/l	0.082	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**20**	Q	30-150	A
Decachlorobiphenyl	**23**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**26**	Q	30-150	B
Decachlorobiphenyl	**22**	Q	30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 RE
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/29/19 11:27
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/28/19 13:22
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/29/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.082	0.034	1	A
Aroclor 1221	ND		ug/l	0.082	0.066	1	A
Aroclor 1232	ND		ug/l	0.082	0.045	1	A
Aroclor 1242	ND		ug/l	0.082	0.038	1	A
Aroclor 1248	ND		ug/l	0.082	0.048	1	A
Aroclor 1254	ND		ug/l	0.082	0.039	1	A
Aroclor 1260	ND		ug/l	0.082	0.032	1	A
Aroclor 1262	ND		ug/l	0.082	0.034	1	A
Aroclor 1268	ND		ug/l	0.082	0.033	1	A
PCBs, Total	ND		ug/l	0.082	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/28/19 10:16
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/26/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.129	0.053	1	B
Aroclor 1221	ND		ug/l	0.129	0.103	1	B
Aroclor 1232	ND		ug/l	0.129	0.070	1	B
Aroclor 1242	ND		ug/l	0.129	0.060	1	B
Aroclor 1248	ND		ug/l	0.129	0.076	1	B
Aroclor 1254	ND		ug/l	0.129	0.060	1	B
Aroclor 1260	ND		ug/l	0.129	0.049	1	B
Aroclor 1262	ND		ug/l	0.129	0.054	1	B
Aroclor 1268	ND		ug/l	0.129	0.052	1	B
PCBs, Total	ND		ug/l	0.129	0.049	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/27/19 20:38
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 03/24/19 01:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04,07-08 Batch: WG1218941-1						
Aroclor 1016	ND		ug/kg	31.8	2.82	A
Aroclor 1221	ND		ug/kg	31.8	3.18	A
Aroclor 1232	ND		ug/kg	31.8	6.74	A
Aroclor 1242	ND		ug/kg	31.8	4.28	A
Aroclor 1248	ND		ug/kg	31.8	4.77	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.87	A
Aroclor 1262	ND		ug/kg	31.8	4.04	A
Aroclor 1268	ND		ug/kg	31.8	3.29	A
PCBs, Total	ND		ug/kg	31.8	2.82	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/28/19 09:09
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:40
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/26/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09-11 Batch: WG1219258-1						
Aroclor 1016	ND		ug/l	0.082	0.034	B
Aroclor 1221	ND		ug/l	0.082	0.066	B
Aroclor 1232	ND		ug/l	0.082	0.045	B
Aroclor 1242	ND		ug/l	0.082	0.038	B
Aroclor 1248	ND		ug/l	0.082	0.048	B
Aroclor 1254	ND		ug/l	0.082	0.039	B
Aroclor 1260	ND		ug/l	0.082	0.032	B
Aroclor 1262	ND		ug/l	0.082	0.034	B
Aroclor 1268	ND		ug/l	0.082	0.033	B
PCBs, Total	ND		ug/l	0.082	0.032	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/29/19 10:33
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/28/19 00:53
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/29/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 10 Batch: WG1220382-1						
Aroclor 1016	ND		ug/l	0.082	0.034	A
Aroclor 1221	ND		ug/l	0.082	0.066	A
Aroclor 1232	ND		ug/l	0.082	0.045	A
Aroclor 1242	ND		ug/l	0.082	0.038	A
Aroclor 1248	ND		ug/l	0.082	0.048	A
Aroclor 1254	ND		ug/l	0.082	0.039	A
Aroclor 1260	ND		ug/l	0.082	0.032	A
Aroclor 1262	ND		ug/l	0.082	0.034	A
Aroclor 1268	ND		ug/l	0.082	0.033	A
PCBs, Total	ND		ug/l	0.082	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/28/19 23:42
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 03/28/19 05:58
Cleanup Method: EPA 3665A
Cleanup Date: 03/28/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/28/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05-06 Batch: WG1220439-1						
Aroclor 1016	ND		ug/kg	32.8	2.92	A
Aroclor 1221	ND		ug/kg	32.8	3.29	A
Aroclor 1232	ND		ug/kg	32.8	6.96	A
Aroclor 1242	ND		ug/kg	32.8	4.43	A
Aroclor 1248	ND		ug/kg	32.8	4.93	A
Aroclor 1254	ND		ug/kg	32.8	3.59	A
Aroclor 1260	ND		ug/kg	32.8	6.07	A
Aroclor 1262	ND		ug/kg	32.8	4.17	A
Aroclor 1268	ND		ug/kg	32.8	3.40	A
PCBs, Total	ND		ug/kg	32.8	2.92	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04,07-08 Batch: WG1218941-2 WG1218941-3									
Aroclor 1016	71		83		40-140	16		50	A
Aroclor 1260	62		73		40-140	16		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		77		30-150	A
Decachlorobiphenyl	67		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		78		30-150	B
Decachlorobiphenyl	84		95		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09-11 Batch: WG1219258-2 WG1219258-3									
Aroclor 1016	64		57		40-140	12		50	B
Aroclor 1260	63		52		40-140	19		50	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		47		30-150	A
Decachlorobiphenyl	69		44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		64		30-150	B
Decachlorobiphenyl	58		51		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 10 Batch: WG1220382-2 WG1220382-3									
Aroclor 1016	55		60		40-140	9		50	A
Aroclor 1260	54		59		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		74		30-150	A
Decachlorobiphenyl	71		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		85		30-150	B
Decachlorobiphenyl	79		81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG1220439-2 WG1220439-3									
Aroclor 1016	108		92		40-140	16		50	A
Aroclor 1260	100		94		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	111		102		30-150	A
Decachlorobiphenyl	93		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	107		94		30-150	B
Decachlorobiphenyl	107		93		30-150	B

PESTICIDES

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 22:07
Analyst: SL
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.344	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.922	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.807	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.658	1	A
4,4'-DDT	ND		ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.436	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.68	1	A
cis-Chlordane	ND		ug/kg	2.30	0.642	1	A
trans-Chlordane	ND		ug/kg	2.30	0.609	1	A
Chlordane	ND		ug/kg	15.0	6.11	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	80		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 20:52
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.901	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.13	0.563	1	A
4,4'-DDE	ND		ug/kg	1.80	0.417	1	A
4,4'-DDD	ND		ug/kg	1.80	0.643	1	A
4,4'-DDT	ND		ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	ND		ug/kg	2.25	0.628	1	A
trans-Chlordane	ND		ug/kg	2.25	0.595	1	A
Chlordane	ND		ug/kg	14.6	5.97	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	86		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:05
Analyst: SL
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.416	1	A
Lindane	ND		ug/kg	0.886	0.396	1	A
Alpha-BHC	ND		ug/kg	0.886	0.252	1	A
Beta-BHC	ND		ug/kg	2.12	0.806	1	A
Heptachlor	ND		ug/kg	1.06	0.476	1	A
Aldrin	ND		ug/kg	2.12	0.748	1	A
Heptachlor epoxide	ND		ug/kg	3.98	1.20	1	A
Endrin	ND		ug/kg	0.886	0.363	1	A
Endrin aldehyde	ND		ug/kg	2.66	0.930	1	A
Endrin ketone	ND		ug/kg	2.12	0.547	1	A
Dieldrin	ND		ug/kg	1.33	0.664	1	A
4,4'-DDE	ND		ug/kg	2.12	0.492	1	A
4,4'-DDD	ND		ug/kg	2.12	0.758	1	A
4,4'-DDT	ND		ug/kg	3.98	1.71	1	A
Endosulfan I	ND		ug/kg	2.12	0.502	1	A
Endosulfan II	ND		ug/kg	2.12	0.710	1	A
Endosulfan sulfate	ND		ug/kg	0.886	0.422	1	A
Methoxychlor	ND		ug/kg	3.98	1.24	1	A
Toxaphene	ND		ug/kg	39.8	11.2	1	A
cis-Chlordane	ND		ug/kg	2.66	0.740	1	A
trans-Chlordane	ND		ug/kg	2.66	0.702	1	A
Chlordane	ND		ug/kg	17.3	7.04	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:17
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.379	1	A
Lindane	ND		ug/kg	0.807	0.360	1	A
Alpha-BHC	ND		ug/kg	0.807	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.734	1	A
Heptachlor	ND		ug/kg	0.968	0.434	1	A
Aldrin	ND		ug/kg	1.94	0.682	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.807	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.847	1	A
Endrin ketone	ND		ug/kg	1.94	0.498	1	A
Dieldrin	ND		ug/kg	1.21	0.605	1	A
4,4'-DDE	ND		ug/kg	1.94	0.448	1	A
4,4'-DDD	ND		ug/kg	1.94	0.690	1	A
4,4'-DDT	ND		ug/kg	3.63	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.457	1	A
Endosulfan II	ND		ug/kg	1.94	0.647	1	A
Endosulfan sulfate	ND		ug/kg	0.807	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.674	1	A
trans-Chlordane	ND		ug/kg	2.42	0.639	1	A
Chlordane	ND		ug/kg	15.7	6.41	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:30
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.783	0.350	1	A
Alpha-BHC	ND		ug/kg	0.783	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.713	1	A
Heptachlor	ND		ug/kg	0.940	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.662	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.52	1.06	1	B
Endrin	ND		ug/kg	0.783	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.823	1	A
Endrin ketone	ND		ug/kg	1.88	0.484	1	A
Dieldrin	5.47		ug/kg	1.18	0.588	1	B
4,4'-DDE	121		ug/kg	1.88	0.435	1	B
4,4'-DDD	2.32		ug/kg	1.88	0.671	1	B
4,4'-DDT	256	E	ug/kg	3.52	1.51	1	B
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.628	1	A
Endosulfan sulfate	ND		ug/kg	0.783	0.373	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.87	1	A
cis-Chlordane	4.76	P	ug/kg	2.35	0.655	1	A
trans-Chlordane	4.65	P	ug/kg	2.35	0.620	1	A
Chlordane	ND		ug/kg	15.3	6.23	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	54		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 D
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/27/19 18:14
Analyst: SL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	233		ug/kg	7.05	3.02	2	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:42
Analyst: SL
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.211	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.79	0.413	1	A
4,4'-DDD	ND		ug/kg	1.79	0.637	1	A
4,4'-DDT	ND		ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.38	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.590	1	A
Chlordane	ND		ug/kg	14.5	5.92	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	68		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 D
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/27/19 18:47
Analyst: SL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/27/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	84.9	16.6	50	A
Lindane	ND		ug/kg	35.4	15.8	50	A
Alpha-BHC	ND		ug/kg	35.4	10.0	50	A
Beta-BHC	ND		ug/kg	84.9	32.2	50	A
Heptachlor	ND		ug/kg	42.4	19.0	50	A
Aldrin	ND		ug/kg	84.9	29.9	50	A
Heptachlor epoxide	ND		ug/kg	159	47.8	50	A
Endrin	ND		ug/kg	35.4	14.5	50	A
Endrin aldehyde	ND		ug/kg	106	37.1	50	A
Endrin ketone	ND		ug/kg	84.9	21.8	50	A
Dieldrin	ND		ug/kg	53.0	26.5	50	A
4,4'-DDE	ND		ug/kg	84.9	19.6	50	A
4,4'-DDD	ND		ug/kg	84.9	30.3	50	A
4,4'-DDT	ND		ug/kg	159	68.3	50	A
Endosulfan I	ND		ug/kg	84.9	20.0	50	A
Endosulfan II	ND		ug/kg	84.9	28.4	50	A
Endosulfan sulfate	ND		ug/kg	35.4	16.8	50	A
Methoxychlor	ND		ug/kg	159	49.5	50	A
Toxaphene	ND		ug/kg	1590	446.	50	A
cis-Chlordane	ND		ug/kg	106	29.6	50	A
trans-Chlordane	ND		ug/kg	106	28.0	50	A
Chlordane	ND		ug/kg	690	281.	50	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 D
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/19 21:55
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.694	1	A
Heptachlor	ND		ug/kg	0.916	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.801	1	A
Endrin ketone	ND		ug/kg	1.83	0.471	1	A
Dieldrin	ND		ug/kg	1.14	0.572	1	A
4,4'-DDE	ND		ug/kg	1.83	0.423	1	A
4,4'-DDD	ND		ug/kg	1.83	0.653	1	A
4,4'-DDT	ND		ug/kg	3.43	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.61	1	A
cis-Chlordane	ND		ug/kg	2.29	0.638	1	A
trans-Chlordane	ND		ug/kg	2.29	0.604	1	A
Chlordane	ND		ug/kg	14.9	6.06	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/26/19 10:55
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/26/19 11:08
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/26/19 11:20
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.022	0.005	1	A
Lindane	ND		ug/l	0.022	0.005	1	A
Alpha-BHC	ND		ug/l	0.022	0.005	1	A
Beta-BHC	ND		ug/l	0.022	0.006	1	A
Heptachlor	ND		ug/l	0.022	0.003	1	A
Aldrin	ND		ug/l	0.022	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.022	0.005	1	A
Endrin	ND		ug/l	0.044	0.005	1	A
Endrin aldehyde	ND		ug/l	0.044	0.009	1	A
Endrin ketone	ND		ug/l	0.044	0.005	1	A
Dieldrin	ND		ug/l	0.044	0.005	1	A
4,4'-DDE	ND		ug/l	0.044	0.004	1	A
4,4'-DDD	ND		ug/l	0.044	0.005	1	A
4,4'-DDT	ND		ug/l	0.044	0.005	1	A
Endosulfan I	ND		ug/l	0.022	0.004	1	A
Endosulfan II	ND		ug/l	0.044	0.006	1	A
Endosulfan sulfate	ND		ug/l	0.044	0.005	1	A
Methoxychlor	ND		ug/l	0.222	0.008	1	A
Toxaphene	ND		ug/l	0.222	0.070	1	A
cis-Chlordane	ND		ug/l	0.022	0.007	1	A
trans-Chlordane	ND		ug/l	0.022	0.007	1	A
Chlordane	ND		ug/l	0.222	0.051	1	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/27/19 17:24
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/27/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1218946-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Heptachlor epoxide	ND		ug/kg	2.83	0.848	A
Endrin	ND		ug/kg	0.628	0.258	A
Endrin aldehyde	ND		ug/kg	1.88	0.660	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.943	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	2.83	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.83	0.880	A
Toxaphene	ND		ug/kg	28.3	7.92	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.498	A
Chlordane	ND		ug/kg	12.2	5.00	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/27/19 17:24
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 03/24/19 02:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/27/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1218946-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	99		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	97		30-150	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/26/19 10:18
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-11 Batch: WG1219256-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/26/19 10:18
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 03/25/19 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-11 Batch: WG1219256-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	82		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1218946-2 WG1218946-3									
Delta-BHC	104		97		30-150	7		30	A
Lindane	102		97		30-150	5		30	A
Alpha-BHC	98		92		30-150	6		30	A
Beta-BHC	98		96		30-150	2		30	A
Heptachlor	68		70		30-150	3		30	A
Aldrin	92		83		30-150	10		30	A
Heptachlor epoxide	98		91		30-150	7		30	A
Endrin	102		95		30-150	7		30	A
Endrin aldehyde	80		73		30-150	9		30	A
Endrin ketone	100		96		30-150	4		30	A
Dieldrin	98		92		30-150	6		30	A
4,4'-DDE	91		85		30-150	7		30	A
4,4'-DDD	95		89		30-150	7		30	A
4,4'-DDT	97		89		30-150	9		30	A
Endosulfan I	88		86		30-150	2		30	A
Endosulfan II	96		89		30-150	8		30	A
Endosulfan sulfate	87		85		30-150	2		30	A
Methoxychlor	93		86		30-150	8		30	A
cis-Chlordane	81		75		30-150	8		30	A
trans-Chlordane	97		85		30-150	13		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1218946-2 WG1218946-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		91		30-150	B
Decachlorobiphenyl	125		124		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		78		30-150	A
Decachlorobiphenyl	111		96		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11 Batch: WG1219256-2 WG1219256-3									
Delta-BHC	62		69		30-150	11		20	A
Lindane	76		83		30-150	10		20	A
Alpha-BHC	76		85		30-150	11		20	A
Beta-BHC	71		82		30-150	14		20	A
Heptachlor	71		80		30-150	12		20	A
Aldrin	67		77		30-150	13		20	A
Heptachlor epoxide	76		84		30-150	10		20	A
Endrin	76		83		30-150	9		20	A
Endrin aldehyde	67		72		30-150	7		20	A
Endrin ketone	80		87		30-150	8		20	A
Dieldrin	77		85		30-150	9		20	A
4,4'-DDE	70		79		30-150	11		20	A
4,4'-DDD	74		81		30-150	9		20	A
4,4'-DDT	76		83		30-150	9		20	A
Endosulfan I	68		75		30-150	10		20	A
Endosulfan II	76		82		30-150	7		20	A
Endosulfan sulfate	75		80		30-150	7		20	A
Methoxychlor	75		80		30-150	7		20	A
cis-Chlordane	62		69		30-150	10		20	A
trans-Chlordane	68		76		30-150	11		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11 Batch: WG1219256-2 WG1219256-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		66		30-150	A
Decachlorobiphenyl	100		99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		67		30-150	B
Decachlorobiphenyl	79		80		30-150	B

METALS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01 Date Collected: 03/20/19 09:10

Client ID: S-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	9.44	2.55	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Antimony, Total	0.387	J	mg/kg	4.72	0.359	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Arsenic, Total	3.96		mg/kg	0.944	0.196	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Barium, Total	31.7		mg/kg	0.944	0.164	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Beryllium, Total	0.406	J	mg/kg	0.472	0.031	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Cadmium, Total	0.236	J	mg/kg	0.944	0.093	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Calcium, Total	1720		mg/kg	9.44	3.30	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Chromium, Total	11.7		mg/kg	0.944	0.091	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Cobalt, Total	5.38		mg/kg	1.89	0.157	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Copper, Total	16.1		mg/kg	0.944	0.244	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Iron, Total	22100		mg/kg	4.72	0.853	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Lead, Total	10.5		mg/kg	4.72	0.253	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Magnesium, Total	3180		mg/kg	9.44	1.45	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Manganese, Total	189		mg/kg	0.944	0.150	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Mercury, Total	ND		mg/kg	0.075	0.016	1	03/23/19 07:30	03/25/19 15:56	EPA 7471B	1,7471B	GD
Nickel, Total	14.1		mg/kg	2.36	0.228	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Potassium, Total	381		mg/kg	236	13.6	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.89	0.244	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.944	0.267	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Sodium, Total	57.9	J	mg/kg	189	2.98	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Thallium, Total	ND		mg/kg	1.89	0.298	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Vanadium, Total	16.9		mg/kg	0.944	0.192	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS
Zinc, Total	47.5		mg/kg	4.72	0.277	2	03/22/19 22:09	03/25/19 17:17	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02 Date Collected: 03/20/19 09:45

Client ID: S-2 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10700		mg/kg	8.70	2.35	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Antimony, Total	0.391	J	mg/kg	4.35	0.330	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Arsenic, Total	61.0		mg/kg	0.870	0.181	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Barium, Total	53.3		mg/kg	0.870	0.151	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Beryllium, Total	0.435		mg/kg	0.435	0.029	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Cadmium, Total	0.330	J	mg/kg	0.870	0.085	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Calcium, Total	1450		mg/kg	8.70	3.04	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Chromium, Total	11.2		mg/kg	0.870	0.084	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Cobalt, Total	8.98		mg/kg	1.74	0.144	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Copper, Total	31.6		mg/kg	0.870	0.224	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Iron, Total	22100		mg/kg	4.35	0.786	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Lead, Total	23.5		mg/kg	4.35	0.233	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Magnesium, Total	3400		mg/kg	8.70	1.34	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Manganese, Total	781		mg/kg	0.870	0.138	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Mercury, Total	0.064	J	mg/kg	0.073	0.015	1	03/23/19 07:30	03/25/19 16:07	EPA 7471B	1,7471B	GD
Nickel, Total	15.8		mg/kg	2.17	0.210	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Potassium, Total	365		mg/kg	217	12.5	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.74	0.224	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.870	0.246	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Sodium, Total	27.5	J	mg/kg	174	2.74	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Thallium, Total	0.304	J	mg/kg	1.74	0.274	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Vanadium, Total	15.1		mg/kg	0.870	0.176	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS
Zinc, Total	72.3		mg/kg	4.35	0.255	2	03/22/19 22:09	03/25/19 17:22	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03 Date Collected: 03/20/19 10:05

Client ID: S-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	10.6	2.85	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Antimony, Total	0.676	J	mg/kg	5.28	0.401	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Arsenic, Total	57.2		mg/kg	1.06	0.220	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Barium, Total	88.1		mg/kg	1.06	0.184	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Beryllium, Total	0.602		mg/kg	0.528	0.035	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Cadmium, Total	0.422	J	mg/kg	1.06	0.103	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Calcium, Total	2480		mg/kg	10.6	3.69	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Chromium, Total	11.0		mg/kg	1.06	0.101	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Cobalt, Total	7.01		mg/kg	2.11	0.175	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Copper, Total	21.9		mg/kg	1.06	0.272	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Iron, Total	26700		mg/kg	5.28	0.953	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Lead, Total	15.5		mg/kg	5.28	0.283	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Magnesium, Total	2040		mg/kg	10.6	1.62	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Manganese, Total	1440		mg/kg	1.06	0.168	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Mercury, Total	ND		mg/kg	0.086	0.018	1	03/23/19 07:30	03/25/19 16:09	EPA 7471B	1,7471B	GD
Nickel, Total	11.2		mg/kg	2.64	0.255	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Potassium, Total	431		mg/kg	264	15.2	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Selenium, Total	0.686	J	mg/kg	2.11	0.272	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	1.06	0.299	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Sodium, Total	33.7	J	mg/kg	211	3.32	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Thallium, Total	1.14	J	mg/kg	2.11	0.332	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Vanadium, Total	16.6		mg/kg	1.06	0.214	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS
Zinc, Total	51.3		mg/kg	5.28	0.309	2	03/22/19 22:09	03/25/19 17:26	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04 Date Collected: 03/20/19 11:00

Client ID: S-4 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	9.64	2.60	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Antimony, Total	1.92	J	mg/kg	4.82	0.366	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Arsenic, Total	16.8		mg/kg	0.964	0.200	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Barium, Total	48.0		mg/kg	0.964	0.168	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Beryllium, Total	0.588		mg/kg	0.482	0.032	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Cadmium, Total	0.607	J	mg/kg	0.964	0.094	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Calcium, Total	6370		mg/kg	9.64	3.37	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Chromium, Total	15.1		mg/kg	0.964	0.093	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Cobalt, Total	9.78		mg/kg	1.93	0.160	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Copper, Total	49.7		mg/kg	0.964	0.249	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Iron, Total	34300		mg/kg	4.82	0.870	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Lead, Total	39.2		mg/kg	4.82	0.258	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Magnesium, Total	6630		mg/kg	9.64	1.48	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Manganese, Total	920		mg/kg	0.964	0.153	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Mercury, Total	0.046	J	mg/kg	0.079	0.017	1	03/23/19 07:30	03/25/19 16:11	EPA 7471B	1,7471B	GD
Nickel, Total	27.5		mg/kg	2.41	0.233	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Potassium, Total	575		mg/kg	241	13.9	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.93	0.249	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.964	0.273	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Sodium, Total	42.8	J	mg/kg	193	3.04	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Thallium, Total	0.559	J	mg/kg	1.93	0.304	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Vanadium, Total	22.0		mg/kg	0.964	0.196	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS
Zinc, Total	152		mg/kg	4.82	0.282	2	03/22/19 22:09	03/25/19 17:31	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05 Date Collected: 03/20/19 11:20

Client ID: S-5 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	9.45	2.55	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Antimony, Total	0.690	J	mg/kg	4.73	0.359	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Arsenic, Total	6.46		mg/kg	0.945	0.197	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Barium, Total	114		mg/kg	0.945	0.164	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Beryllium, Total	0.293	J	mg/kg	0.473	0.031	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Cadmium, Total	0.520	J	mg/kg	0.945	0.093	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Calcium, Total	79300		mg/kg	9.45	3.31	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Chromium, Total	20.0		mg/kg	0.945	0.091	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Cobalt, Total	7.66		mg/kg	1.89	0.157	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Copper, Total	35.2		mg/kg	0.945	0.244	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Iron, Total	23600		mg/kg	4.73	0.854	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Lead, Total	159		mg/kg	4.73	0.253	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Magnesium, Total	6340		mg/kg	9.45	1.46	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Manganese, Total	501		mg/kg	0.945	0.150	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Mercury, Total	0.075	J	mg/kg	0.077	0.016	1	03/23/19 07:30	03/25/19 16:13	EPA 7471B	1,7471B	GD
Nickel, Total	21.6		mg/kg	2.36	0.229	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Potassium, Total	533		mg/kg	236	13.6	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.89	0.244	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.945	0.268	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Sodium, Total	144	J	mg/kg	189	2.98	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Thallium, Total	ND		mg/kg	1.89	0.298	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Vanadium, Total	15.6		mg/kg	0.945	0.192	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS
Zinc, Total	208		mg/kg	4.73	0.277	2	03/22/19 22:09	03/25/19 17:35	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06 Date Collected: 03/20/19 11:30

Client ID: S-6 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6260		mg/kg	9.11	2.46	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Antimony, Total	ND		mg/kg	4.55	0.346	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Arsenic, Total	20.1		mg/kg	0.911	0.189	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Barium, Total	30.6		mg/kg	0.911	0.158	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Beryllium, Total	0.319	J	mg/kg	0.455	0.030	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Cadmium, Total	0.146	J	mg/kg	0.911	0.089	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Calcium, Total	1580		mg/kg	9.11	3.19	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Chromium, Total	5.89		mg/kg	0.911	0.087	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Cobalt, Total	3.35		mg/kg	1.82	0.151	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Copper, Total	53.3		mg/kg	0.911	0.235	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Iron, Total	9000		mg/kg	4.55	0.822	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Lead, Total	10.2		mg/kg	4.55	0.244	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Magnesium, Total	1080		mg/kg	9.11	1.40	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Manganese, Total	112		mg/kg	0.911	0.145	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Mercury, Total	ND		mg/kg	0.074	0.016	1	03/23/19 07:30	03/25/19 16:15	EPA 7471B	1,7471B	GD
Nickel, Total	6.13		mg/kg	2.28	0.220	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Potassium, Total	201	J	mg/kg	228	13.1	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Selenium, Total	0.273	J	mg/kg	1.82	0.235	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.911	0.258	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Sodium, Total	32.1	J	mg/kg	182	2.87	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Thallium, Total	ND		mg/kg	1.82	0.287	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Vanadium, Total	8.93		mg/kg	0.911	0.185	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS
Zinc, Total	21.1		mg/kg	4.55	0.267	2	03/22/19 22:09	03/25/19 17:40	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07 Date Collected: 03/20/19 11:50

Client ID: S-7 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8980		mg/kg	8.57	2.31	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Antimony, Total	0.480	J	mg/kg	4.29	0.326	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Arsenic, Total	2.78		mg/kg	0.857	0.178	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Barium, Total	33.0		mg/kg	0.857	0.149	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Beryllium, Total	0.326	J	mg/kg	0.429	0.028	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Cadmium, Total	0.248	J	mg/kg	0.857	0.084	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Calcium, Total	3570		mg/kg	8.57	3.00	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Chromium, Total	9.64		mg/kg	0.857	0.082	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Cobalt, Total	7.78		mg/kg	1.71	0.142	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Copper, Total	22.9		mg/kg	0.857	0.221	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Iron, Total	19600		mg/kg	4.29	0.774	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Lead, Total	27.8		mg/kg	4.29	0.230	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Magnesium, Total	4250		mg/kg	8.57	1.32	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Manganese, Total	491		mg/kg	0.857	0.136	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Mercury, Total	0.035	J	mg/kg	0.071	0.015	1	03/23/19 07:30	03/25/19 16:17	EPA 7471B	1,7471B	GD
Nickel, Total	15.5		mg/kg	2.14	0.207	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Potassium, Total	421		mg/kg	214	12.3	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Selenium, Total	ND		mg/kg	1.71	0.221	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.857	0.242	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Sodium, Total	49.7	J	mg/kg	171	2.70	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Thallium, Total	ND		mg/kg	1.71	0.270	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Vanadium, Total	11.7		mg/kg	0.857	0.174	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS
Zinc, Total	56.3		mg/kg	4.29	0.251	2	03/22/19 22:09	03/25/19 17:44	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08 Date Collected: 03/20/19 12:05

Client ID: S-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9580		mg/kg	9.12	2.46	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Antimony, Total	1.06	J	mg/kg	4.56	0.347	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Arsenic, Total	14.1		mg/kg	0.912	0.190	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Barium, Total	63.9		mg/kg	0.912	0.159	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Beryllium, Total	0.511		mg/kg	0.456	0.030	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Cadmium, Total	0.374	J	mg/kg	0.912	0.089	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Calcium, Total	2820		mg/kg	9.12	3.19	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Chromium, Total	11.9		mg/kg	0.912	0.088	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Cobalt, Total	11.6		mg/kg	1.82	0.151	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Copper, Total	35.6		mg/kg	0.912	0.235	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Iron, Total	24400		mg/kg	4.56	0.824	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Lead, Total	42.2		mg/kg	4.56	0.244	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Magnesium, Total	3440		mg/kg	9.12	1.40	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Manganese, Total	876		mg/kg	0.912	0.145	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Mercury, Total	0.125		mg/kg	0.073	0.016	1	03/23/19 07:30	03/25/19 16:18	EPA 7471B	1,7471B	GD
Nickel, Total	21.7		mg/kg	2.28	0.221	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Potassium, Total	616		mg/kg	228	13.1	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Selenium, Total	0.292	J	mg/kg	1.82	0.235	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.912	0.258	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Sodium, Total	39.2	J	mg/kg	182	2.87	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Thallium, Total	0.338	J	mg/kg	1.82	0.287	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Vanadium, Total	15.9		mg/kg	0.912	0.185	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS
Zinc, Total	72.2		mg/kg	4.56	0.267	2	03/22/19 22:09	03/25/19 18:12	EPA 3050B	1,6010D	PS

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09 Date Collected: 03/20/19 10:45

Client ID: TWP-1 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	168.		mg/l	0.500	0.164	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Arsenic, Total	0.04637		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Barium, Total	1.840		mg/l	0.02500	0.00865	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM
Beryllium, Total	0.01012		mg/l	0.00050	0.00010	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00266		mg/l	0.00020	0.00005	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Calcium, Total	221.		mg/l	0.100	0.0394	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Chromium, Total	0.1476		mg/l	0.00100	0.00017	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Cobalt, Total	0.1347		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Copper, Total	0.2585		mg/l	0.00100	0.00038	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Iron, Total	187.		mg/l	3.00	0.955	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM
Lead, Total	0.3327		mg/l	0.00100	0.00034	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Magnesium, Total	59.4		mg/l	0.0700	0.0242	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Manganese, Total	5.584		mg/l	0.05000	0.02200	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM
Mercury, Total	0.00011	J	mg/l	0.00020	0.00006	1	03/22/19 14:20	03/25/19 18:19	EPA 7470A	1,7470A	EA
Nickel, Total	0.2662		mg/l	0.00200	0.00055	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Potassium, Total	13.8		mg/l	0.100	0.0309	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Selenium, Total	0.100		mg/l	0.00500	0.00173	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Silver, Total	0.00152		mg/l	0.00040	0.00016	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Sodium, Total	57.7		mg/l	0.100	0.0293	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Thallium, Total	0.00043	J	mg/l	0.00050	0.00014	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Vanadium, Total	0.08790		mg/l	0.00500	0.00157	1	03/22/19 18:53	03/25/19 11:48	EPA 3005A	1,6020B	AM
Zinc, Total	1.308		mg/l	0.5000	0.1705	50	03/22/19 18:53	03/25/19 12:38	EPA 3005A	1,6020B	AM

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10 Date Collected: 03/20/19 11:35

Client ID: TWP-3 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9.88		mg/l	0.0100	0.00327	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Arsenic, Total	0.01443		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Barium, Total	0.1060		mg/l	0.00050	0.00017	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00082		mg/l	0.00050	0.00010	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00147		mg/l	0.00020	0.00005	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Calcium, Total	297.		mg/l	0.100	0.0394	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Chromium, Total	0.01514		mg/l	0.00100	0.00017	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Cobalt, Total	0.02005		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Copper, Total	0.02024		mg/l	0.00100	0.00038	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Iron, Total	26.8		mg/l	0.0600	0.0191	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Lead, Total	0.02918		mg/l	0.00100	0.00034	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Magnesium, Total	31.6		mg/l	0.0700	0.0242	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Manganese, Total	5.746		mg/l	0.05000	0.02200	50	03/22/19 18:53	03/25/19 13:22	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/22/19 14:20	03/25/19 18:24	EPA 7470A	1,7470A	EA
Nickel, Total	0.03961		mg/l	0.00200	0.00055	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Potassium, Total	30.0		mg/l	0.100	0.0309	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Selenium, Total	0.00887		mg/l	0.00500	0.00173	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Silver, Total	0.00018	J	mg/l	0.00040	0.00016	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Sodium, Total	16.9		mg/l	0.350	0.0293	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Vanadium, Total	0.01857		mg/l	0.00500	0.00157	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM
Zinc, Total	0.06466		mg/l	0.01000	0.00341	1	03/22/19 18:53	03/25/19 11:52	EPA 3005A	1,6020B	AM

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11 Date Collected: 03/20/19 12:25

Client ID: TWP-8 Date Received: 03/21/19

Sample Location: NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	288.		mg/l	1.00	0.327	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Antimony, Total	0.00203	J	mg/l	0.00800	0.00085	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Arsenic, Total	0.5491		mg/l	0.00100	0.00033	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Barium, Total	7.488		mg/l	0.05000	0.01730	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00849		mg/l	0.00100	0.00021	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00866		mg/l	0.00040	0.00011	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Calcium, Total	3180		mg/l	10.0	3.94	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Chromium, Total	0.3891		mg/l	0.00200	0.00035	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Cobalt, Total	0.4756		mg/l	0.00100	0.00032	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Copper, Total	2.350		mg/l	0.1000	0.03840	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Iron, Total	903.		mg/l	5.00	1.91	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Lead, Total	1.092		mg/l	0.1000	0.03430	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Magnesium, Total	205.		mg/l	0.140	0.0484	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Manganese, Total	72.50		mg/l	0.1000	0.04400	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM
Mercury, Total	0.00015	J	mg/l	0.00020	0.00006	1	03/22/19 14:20	03/25/19 18:26	EPA 7470A	1,7470A	EA
Nickel, Total	0.7662		mg/l	0.00400	0.00111	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Potassium, Total	22.1		mg/l	0.200	0.0618	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Selenium, Total	0.0859		mg/l	0.0100	0.00346	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Silver, Total	0.00403		mg/l	0.00080	0.00032	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Sodium, Total	57.0		mg/l	0.200	0.0586	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Thallium, Total	0.00194		mg/l	0.00100	0.00028	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Vanadium, Total	0.3111		mg/l	0.01000	0.00314	1	03/22/19 18:53	03/25/19 11:56	EPA 3005A	1,6020B	AM
Zinc, Total	4.470		mg/l	1.000	0.3410	50	03/22/19 18:53	03/25/19 13:36	EPA 3005A	1,6020B	AM

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09-11 Batch: WG1218583-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/22/19 14:20	03/25/19 17:45	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09-11 Batch: WG1218673-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Antimony, Total	0.00069	J	mg/l	0.00400	0.00042	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Iron, Total	0.0431	J	mg/l	0.0600	0.0191	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Sodium, Total	ND		mg/l	0.350	0.0293	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Thallium, Total	0.00032	J	mg/l	0.00050	0.00014	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/22/19 18:53	03/25/19 09:13	1,6020B	AM

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1218701-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/22/19 22:09	03/27/19 00:55	1,6010D	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Arsenic, Total	0.108	J	mg/kg	0.400	0.083	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Copper, Total	0.200	J	mg/kg	0.400	0.103	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Iron, Total	0.396	J	mg/kg	2.00	0.361	1	03/22/19 22:09	03/27/19 00:55	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	03/22/19 22:09	03/25/19 13:23	1,6010D	PS
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Manganese, Total	0.108	J	mg/kg	0.400	0.064	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Sodium, Total	ND		mg/kg	80.0	1.26	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/22/19 22:09	03/26/19 20:50	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1218781-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	03/23/19 07:30	03/25/19 15:52	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1218583-2								
Mercury, Total	108		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1218673-2					
Aluminum, Total	109	-	80-120	-	
Antimony, Total	110	-	80-120	-	
Arsenic, Total	111	-	80-120	-	
Barium, Total	107	-	80-120	-	
Beryllium, Total	113	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Calcium, Total	108	-	80-120	-	
Chromium, Total	110	-	80-120	-	
Cobalt, Total	106	-	80-120	-	
Copper, Total	105	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	114	-	80-120	-	
Manganese, Total	105	-	80-120	-	
Nickel, Total	109	-	80-120	-	
Potassium, Total	105	-	80-120	-	
Selenium, Total	110	-	80-120	-	
Silver, Total	118	-	80-120	-	
Sodium, Total	112	-	80-120	-	
Thallium, Total	107	-	80-120	-	
Vanadium, Total	109	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423

Project Number: G6-2423

Lab Number: L1911169

Report Date: 03/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1218673-2					
Zinc, Total	111	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1218701-2 SRM Lot Number: D101-540					
Aluminum, Total	68	-	50-151	-	
Antimony, Total	144	-	3-196	-	
Arsenic, Total	105	-	83-117	-	
Barium, Total	91	-	83-118	-	
Beryllium, Total	93	-	83-117	-	
Cadmium, Total	101	-	83-117	-	
Calcium, Total	93	-	81-119	-	
Chromium, Total	99	-	81-118	-	
Cobalt, Total	102	-	84-116	-	
Copper, Total	97	-	83-116	-	
Iron, Total	96	-	62-138	-	
Lead, Total	97	-	83-117	-	
Magnesium, Total	91	-	76-124	-	
Manganese, Total	97	-	82-118	-	
Nickel, Total	101	-	82-117	-	
Potassium, Total	84	-	71-130	-	
Selenium, Total	100	-	79-121	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	103	-	72-127	-	
Thallium, Total	101	-	81-119	-	
Vanadium, Total	102	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1218701-2 SRM Lot Number: D101-540					
Zinc, Total	102	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1218781-2 SRM Lot Number: D101-540					
Mercury, Total	84	-	65-135	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218583-3 QC Sample: L1910719-10 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00543	109		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218673-3 QC Sample: L1911137-01 Client ID: MS Sample										
Aluminum, Total	0.014	2	2.08	103		-	-	75-125	-	20
Antimony, Total	0.0012J	0.5	0.5937	119		-	-	75-125	-	20
Arsenic, Total	0.0003J	0.12	0.1347	112		-	-	75-125	-	20
Barium, Total	0.0367	2	2.160	106		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05471	109		-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05814	114		-	-	75-125	-	20
Calcium, Total	34.1	10	43.8	97		-	-	75-125	-	20
Chromium, Total	0.0003J	0.2	0.2091	104		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5250	105		-	-	75-125	-	20
Copper, Total	0.0007J	0.25	0.2572	103		-	-	75-125	-	20
Iron, Total	0.103	1	1.36	**126**	Q	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5803	114		-	-	75-125	-	20
Magnesium, Total	6.77	10	17.4	106		-	-	75-125	-	20
Manganese, Total	0.0183	0.5	0.5241	101		-	-	75-125	-	20
Nickel, Total	0.0021	0.5	0.5161	103		-	-	75-125	-	20
Potassium, Total	0.651	10	10.7	100		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.138	115		-	-	75-125	-	20
Silver, Total	ND	0.05	0.05508	110		-	-	75-125	-	20
Sodium, Total	10.4	10	20.4	100		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1262	105		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5192	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218673-3 QC Sample: L1911137-01 Client ID: MS Sample									
Zinc, Total	0.0836	0.5	0.6392	111	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218701-3 QC Sample: L1909953-01 Client ID: MS Sample										
Aluminum, Total	6950	183	5720	**0**	Q	-	-	75-125	-	20
Antimony, Total	1.80J	45.8	36.8	80		-	-	75-125	-	20
Arsenic, Total	3.82	11	15.7	108		-	-	75-125	-	20
Barium, Total	257	183	568	**170**	Q	-	-	75-125	-	20
Beryllium, Total	0.256	4.58	4.01	82		-	-	75-125	-	20
Cadmium, Total	2.97	4.67	7.14	89		-	-	75-125	-	20
Calcium, Total	12000	917	6640	**0**	Q	-	-	75-125	-	20
Chromium, Total	17.5	18.3	39.5	120		-	-	75-125	-	20
Cobalt, Total	5.47	45.8	43.0	82		-	-	75-125	-	20
Copper, Total	314	22.9	313	**0**	Q	-	-	75-125	-	20
Iron, Total	13200	91.7	15700	**2730**	Q	-	-	75-125	-	20
Lead, Total	730	46.7	862	**282**	Q	-	-	75-125	-	20
Magnesium, Total	5000	917	4040	**0**	Q	-	-	75-125	-	20
Manganese, Total	246	45.8	250	**9**	Q	-	-	75-125	-	20
Nickel, Total	13.3	45.8	49.6	79		-	-	75-125	-	20
Potassium, Total	379	917	1130	82		-	-	75-125	-	20
Selenium, Total	0.404J	11	10.1	92		-	-	75-125	-	20
Silver, Total	0.507	27.5	25.4	90		-	-	75-125	-	20
Sodium, Total	190	917	1020	90		-	-	75-125	-	20
Thallium, Total	ND	11	7.46	**68**	Q	-	-	75-125	-	20
Vanadium, Total	20.3	45.8	58.9	84		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218701-3 QC Sample: L1909953-01 Client ID: MS Sample										
Zinc, Total	1110	45.8	1440	**720**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218781-3 QC Sample: L1911169-01 Client ID: S-1										
Mercury, Total	ND	0.148	0.153	103		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218583-4 QC Sample: L1910719-10 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1218673-4 QC Sample: L1911137-01 Client ID: DUP Sample						
Lead, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218701-4 QC Sample: L1909953-01 Client ID: DUP Sample						
Lead, Total	730	932	mg/kg	**24**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1218781-4 QC Sample: L1911169-01 Client ID: S-1						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-01
Client ID: S-1
Sample Location: NY

Date Collected: 03/20/19 09:10
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	03/22/19 13:25	03/22/19 15:50	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-02
Client ID: S-2
Sample Location: NY

Date Collected: 03/20/19 09:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	03/22/19 13:25	03/22/19 15:51	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-03
Client ID: S-3
Sample Location: NY

Date Collected: 03/20/19 10:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	1.1	J	mg/kg	1.3	0.27	1	03/22/19 13:25	03/22/19 15:52	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-04
Client ID: S-4
Sample Location: NY

Date Collected: 03/20/19 11:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	03/22/19 13:25	03/22/19 15:55	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-05
Client ID: S-5
Sample Location: NY

Date Collected: 03/20/19 11:20
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	03/22/19 13:25	03/22/19 15:56	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-06
Client ID: S-6
Sample Location: NY

Date Collected: 03/20/19 11:30
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	03/22/19 13:25	03/22/19 15:57	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-07
Client ID: S-7
Sample Location: NY

Date Collected: 03/20/19 11:50
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	0.47	J	mg/kg	1.1	0.23	1	03/22/19 13:25	03/22/19 15:58	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-08
Client ID: S-8
Sample Location: NY

Date Collected: 03/20/19 12:05
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	03/22/19 10:54	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	03/22/19 13:25	03/22/19 15:59	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-09
Client ID: TWP-1
Sample Location: NY

Date Collected: 03/20/19 10:45
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.364		mg/l	0.005	0.001	1	03/22/19 17:10	03/25/19 10:45	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-10
Client ID: TWP-3
Sample Location: NY

Date Collected: 03/20/19 11:35
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.547		mg/l	0.010	0.003	2	03/22/19 17:10	03/25/19 11:46	1,9010C/9012B	LH

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

SAMPLE RESULTS

Lab ID: L1911169-11
Client ID: TWP-8
Sample Location: NY

Date Collected: 03/20/19 12:25
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.186		mg/l	0.005	0.001	1	03/22/19 17:10	03/25/19 11:50	1,9010C/9012B	LH

Project Name: G6-2423 **Lab Number:** L1911169

Project Number: G6-2423 **Report Date:** 03/29/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG1218549-1										
Cyanide, Total	ND		mg/kg	1.0	0.21	1	03/22/19 13:25	03/22/19 15:43	1,9010C/9012B	LH
General Chemistry - Westborough Lab for sample(s): 09-11 Batch: WG1218640-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/22/19 17:10	03/25/19 10:28	1,9010C/9012B	LH

Lab Control Sample Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1218549-2 WG1218549-3								
Cyanide, Total	86		83		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 09-11 Batch: WG1218640-2 WG1218640-3								
Cyanide, Total	93		96		85-115	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1218549-4 WG1218549-5 QC Sample: L1911366-37 Client ID: MS Sample												
Cyanide, Total	ND	10	9.9	95		9.6	95		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 09-11 QC Batch ID: WG1218640-4 WG1218640-5 QC Sample: L1911192-01 Client ID: MS Sample												
Cyanide, Total	0.002J	0.2	0.186	93		0.187	94		80-120	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1218471-1 QC Sample: L1911169-01 Client ID: S-1						
Solids, Total	84.5	84.3	%	0		20

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-01A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-01B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-01C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-01D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-01F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-01X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-01Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-01Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-02A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-02B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-02C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-02D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-02F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-02X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-02Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-02Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-03A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-03B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-03C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-03D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-03F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-03X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-03Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-03Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-04A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-04B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-04C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-04D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-04F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-04X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-04Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-04Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-05A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-05B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-05C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-05D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-05F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-05X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-05Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-05Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-06A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-06B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-06C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-06D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-06E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-06F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-06X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-06Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-06Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-07A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-07B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-07C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-07D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-07E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-07F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-07X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-07Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-07Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-08A	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-08B	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-08C	5 gram Encore Sampler	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-08D	Plastic 2oz unpreserved for TS	B	NA		2.7	Y	Absent		TS(7)
L1911169-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1911169-08F	Glass 250ml/8oz unpreserved	B	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1911169-08X	Vial MeOH preserved split	B	NA		2.7	Y	Absent		NYTCL-8260HLW(14)
L1911169-08Y	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-08Z	Vial Water preserved split	B	NA		2.7	Y	Absent	22-MAR-19 08:36	NYTCL-8260HLW(14)
L1911169-09A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-09B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-09C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-09D	Plastic 500ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1911169-09E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L1911169-09F	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-09G	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-09H	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-09I	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-09J	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-09K	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-10A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-10B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-10C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-10D	Plastic 500ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1911169-10E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L1911169-10F	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-10G	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-10H	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-10I	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-10J	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-10K	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-11A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-11B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-11C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260(14)
L1911169-11D	Plastic 500ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1911169-11E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L1911169-11F	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: G6-2423
Project Number: G6-2423

Lab Number: L1911169
Report Date: 03/29/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1911169-11G	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1911169-11H	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-11I	Amber 120ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1911169-11J	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1911169-11K	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

Container Comments

L1911169-09D

*Values in parentheses indicate holding time in days

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	G6-2423	**Lab Number:**	L1911169
Project Number:	G6-2423	**Report Date:**	03/29/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 3/22/19

ALPHA Job #: L1911169

Client Information
Client: Hillmann Consulting
Address: 1600 Rt. 22 E
Union, NJ 07083
Phone: (908)688-7800
Fax:
Email:

Project Information
Project Name: GL-2423
Project Location: NY
Project #: GL-2423
(Use Project name as Project #): X
Project Manager: R. K. Powell
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) X # of Days: 5 Day

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria (TOGS)
☒ Other NY Soil Sco+GW

Billing Information
☒ Same as Client Info
PO # GL-2423

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS
TAL/TCL+3D

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL/TCL+3D	Sample Specific Comments
L1169-01	S-1	3-20-19	0910	S	RKP	X	
-02	S-2		0945	S		X	
-03	S-3		1005	S		X	
-04	S-4		1100	S		X	
-05	S-5		1120	S		X	
-06	S-6		1130	S		X	
-07	S-7		1150	S		X	
-08	S-8		1205	S		X	
-09	TWP-1		1045	GW		X	
-10	TWP-3	↓	1135	GW	↓	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
R K Powell	3-21-19 1112	[illegible]	3-21-19 1112
[illegible]	3-21-19 1630	D. Santos MM	3/21/19 1900
D. Santos MM	3/21/19 2240		3/21/19 2240

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 3/22/19

ALPHA Job #: L911169

Client Information
Client: Hillman Consulting
Address:
Phone:
Fax:
Email:

Project Information
Project Name: GC-2423
Project Location: NY
Project #: GC-2423
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 5 Day

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO # GC-2423

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria (TOGS)
☒ Other NY Soil SCO+ GW

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS
TAL/TCL+30

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL/TCL+30	Sample Specific Comments
11169-11	TWP-8	3-20-19	1225	GW	RKP	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	3-21-19 11:12		3-21-19 1112
	3-21-19 1630		3/21/19 1900
	3/21/19 2240		3/21/19 2240

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

Appendix B:

Parking Report

400 Columbus Avenue
Suite 180E
Valhalla New York 10595
Main: 877 627 3772
colliersengineering.com

Colliers
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September 2, 2022

Mr. Joseph Lozada
Omni New York
909 Third Avenue, 21st Floor
New York, NY 10022

Admiral Halsey II - 135 Main Street
Colliers Engineering & Design Project No. 22003478A

Dear Mr. Lozada:

As requested, this report supplements our previous report of April 15, 2022, and provides additional historical information on parking and site operations as well as further information and clarification regarding the proposed Admiral Halsey II building that was requested by the City of Poughkeepsie Zoning Board of Appeals. Specifically, this letter confirms that our analysis of the parking demand for the Admiral Halsey I and II buildings have considered the specific circumstances of the applicable regulatory agreements for each building, and have also considered historic data regarding tenant characteristics in Admiral Halsey I, as well as historic aerial photographs showing historic parking usage at the site.

We have also considered the anticipated parking requirements associated with the Admiral Halsey II 72-unit senior apartment development. 36 of the 72 units will be occupied by Frail Elderly, a special population defined by having one or more physical impairment that require services so that the resident may continue to live independently. Figure No. 1A (Appendix A) identifies the site location. In addition, we have reviewed the Poughkeepsie City Code requirements as well as data published by the Institute of Transportation Engineers (ITE) regarding parking criteria and how the existing parking utilization relates to the proposed project.

Admiral Halsey I, the existing building, and Admiral Halsey II, the proposed building, are both age-restricted and income-restricted residential buildings of independent living. Neither building is "assisted living." The following is a summary of the compiled information and our recommendations with regards to parking.

1. Existing Parking Condition Surveys (Tables No. 1, P-1, P-2, and P-3)

   Observations of existing parking utilization during peak time periods for both Weekday and Saturday conditions were undertaken by representatives of Colliers Engineering & Design at the existing Admiral Halsey I facility (119 one-bedroom apartments). The purpose was to identify the current parking utilization at the site in relation to the number of existing residential units at that facility. The surveys of the site were collected on Thursday, April 7th,

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and Saturday, April 9, 2022. It should be noted that at the time of the surveys, the dwelling units were all leased.

As summarized in Table No. 1 for the parking areas at the existing site, which contains some 55 spaces (including 2 handicapped spaces), a total peak utilization of 38 occupied spaces was observed on a Weekday and 36 spaces on a Weekend were found. See Tables P-1, P-2, and P-3 (Appendix B). In addition, we reviewed some of the other historical parking usage data provided by the management company for the facility, which also showed similar peak utilization with 36 spaces occupied on the Weekday and a maximum peak of 40 spaces occupied on a Saturday in December. These are referenced in the summary contained in Table No. 1. In addition, to further document past usage at the site, we have included various historical aerial photographs covering the period 1980 through 2021, which indicate similar levels of usage (see Appendix C).

2. Other Historical and Operational Characteristics

Operational and historical information that was provided by Omni is summarized herein and was considered as part of our parking review.

The regulatory agreement applicable to Admiral Halsey I, in effect until 2047, provides that each 1 bedroom apartment may be occupied by up to two income eligible persons, one of whom must be either over the age of 62 or qualify as "disabled." Almost all units at Admiral Halsey I are occupied by only one person. Only 4 units out of the 119 apartments are occupied by couples. There are no minors in any of the apartments.

We were specifically asked to confirm that our study considered this aspect of the tenant mix, and to consider whether the eligibility of disabled tenants would increase the potential parking demand from the Admiral Halsey I building. The statutory definition of disabled is included in Appendix E ("Inability to engage in any substantial, gainful activity by reason of any medically determinable physical or mental impairment"). While disabled tenants are thus generally unable to sustain permanent employment, they are able to live independently in buildings like Admiral Halsey I, and do not require assisted living.

Percentage of disabled tenants in Adm. Halsey I:

The following chart shows the number of disabled tenants in Admiral Halsey I, and the percentage of the total tenant population consisting of disabled tenants.

	2013	2016	2018	2020	8/2022
No. of Non-Senior Income Eligible Disabled Persons	7	16	13	23	24
% of total Residents*	6%	13%	10%	18%	19%

* Assumes 125 residents per year.

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Our parking observations were done at a time when the Applicant had the highest number of non-senior disabled persons living in the building to date, and the parking utilization continued to conform to levels analyzed over the life of the building. The current parking demand, including the 19% disabled residents, is consistent with the historical parking demand dating back to 1980 as evidenced by Appendix C. Based on the statutory definition, the existing parking utilization observations and historical date, the disabled residents do not increase Admiral Halsey I's parking demand as compared to the demand attributed to income qualifying senior (over 62) tenants.

The Admiral Halsey II building will have 24 studio apartments and 48 1 bedroom apartments. Both the studios and the 1 bedroom apartments allow occupancy by 1-2 persons under LITHC guidelines. As presently proposed,[1] the Regulatory Agreement for Building II will be different than the one for Building I. Occupancy will be based on income qualification and each unit will require that a primary tenant be over the age of 62.

Additionally, 36 of the 72 apartments in Admiral Halsey II will be occupied by those meeting the definition of "frail elderly" as defined under the State ESSHI program A frail elderly person is defined as "any person who is age 55 or older, who is enrolled in Medicaid and requires assistance with one or more activities of daily living." However, the frail elderly are able to live in independent housing, and should not be misunderstood as requiring assisted living care. Attached as **Appendix** E is a letter from Mary Linge of Hudson River Housing (HRH), describing the planned operation of Admiral Halsey II and the ESSHI program. As noted in that letter, if a tenant exhibited a need for substantial outside care, this would impact a resident's eligibility to continue as an ESSHI participant and would likely indicate a need for a move to an assisted living facility. As part of the programming for Admiral Halsey II, HRH will be providing a full-time Care Manager to assist the frail elderly residents with daily activities, avoiding any theoretical additional demand on parking. Public comment at recent hearings has included expressed concern as to whether a frail elderly population would generate high levels of visitor parking. Although there is no available data specifically addressed to the "frail elderly" standard, the available parking data for residential facilities of all types housing aged and infirm populations generally shows a disappointingly low level of visitation to the occupants. We would not expect this to be a material source of parking demand.

3. Design and Operational Features that will reduce parking demand at Admiral Halsey I and II:

Certain factors would tend to reduce parking demand in a senior/disabled/frail elderly project. The project is in an urban area, with many conveniences available within walking distance. To some extent tenants in the specified demographic characteristics would be less inclined to prioritize car ownership than other age groups or characteristics.

[1] The Regulatory Agreement is executed after land use approvals and prior to occupancy. The Agreement is expected to run for a 50 year period, i.e. through approximately 2072.

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The most concrete factor that would tend to reduce parking demand is that the Project will be providing a full time van, seven days a week, which will be available to tenants in both the existing Admiral Halsey I building and the proposed Admiral Halsey II building, to take them to requested venues, such as shopping, medical appointments, movies, or other recreation and entertainment.

4. City of Poughkeepsie Code

The City of Poughkeepsie Code requirement for a multifamily dwelling is 0.5 spaces per dwelling unit for senior (62 or older) apartments plus 10% for visitors, which equates to a total Code requirement of 40 spaces required for the 72 dwelling units proposed at Admiral Halsey II. categories. Based on the total proposed 191 dwelling units on the combined site (119-AHI + 72-AHII), the required parking for the overall complex would be a total of 106 spaces.

However, based on the existing actual peak observed utilization, which equated to a ratio of 0.34 spaces per apartment, some 65 spaces would be required to accommodate the peak demand. However, an additional 3 spaces above the observed utilization ratio are being provided for a total of 68 parking spaces.

5. ITE Parking Standards

The Institute of Transportation Engineers (ITE) publishes information regarding parking for various land uses and stratifies those relative to the type of units, i.e., midrise apartments, apartments for active adults/age restricted, and this information is provided for both Weekday and Weekend conditions. Copies of the typical peak parking demands based on ITE are attached in Appendix D.

As can be seen, the average peak parking ratio for a typical non-age restricted midrise building would be between 0.08 to 0.42 spaces per dwelling unit, which would be similar to that observed at the existing complex.

Moreover, the ITE information provides general data that cannot take into account the particular features of an individual building site or setting. In the present situation, the nature of the urban setting, where many features are very close-by, and the availability of the full time, seven day a week, van to serve tenants of both buildings, would render the lower range of the statistical numbers more applicable.

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6. Summary and Conclusions

Based on all the above described circumstances, including the tenant mix and demographic characteristics, the urban setting, the available van for use of all tenants on site, and the existing parking utilization observations at the existing Admiral Halsey I facility, which indicates a peak parking utilization ratio of 0.34 spaces per dwelling unit, the proposed 33 spaces for the Admiral Halsey II 72 dwelling units or a total of 68 spaces for the total 191 dwelling unit facility (AHI+AHII), should adequately accommodate peak parking demands at the site. Factors including the available van, and the nature of the population including frail elderly will tend to make the demand even lower than 0.34 spaces per dwelling unit.

Sincerely,

Colliers Engineering & Design CT, P.C.

Philip Grealy, Ph.D., P.E.
Geographic Discipline Leader

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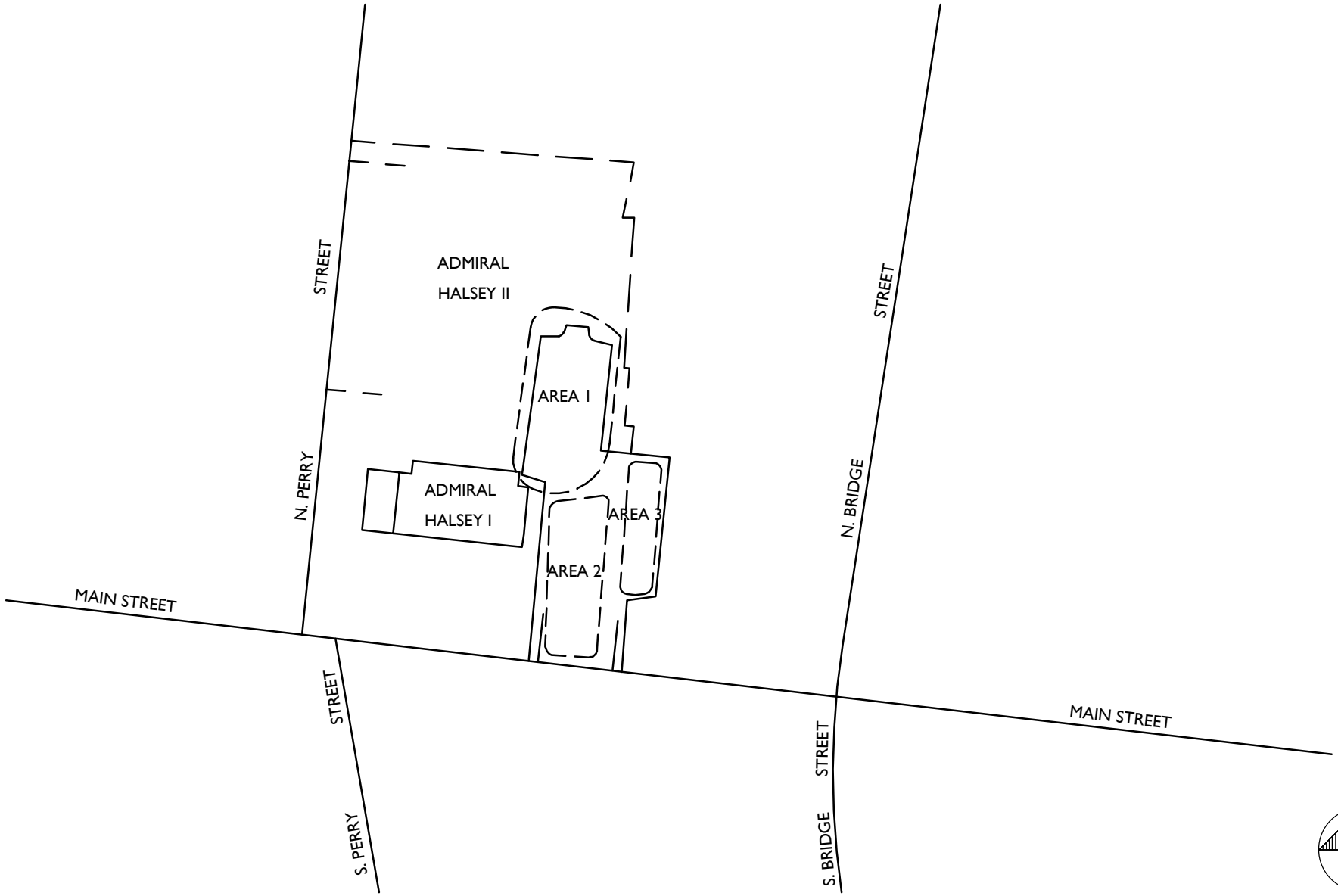
Admiral Halsey II

Appendix A | Site Location & Parking Area Map



NOTE: LINE DIAGRAM NOT TO SCALE

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Doing Business as MASER CONSULTING

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ADMIRAL HALSEY II

CITY OF POUGHKEEPSIE
DUTCHESS COUNTY
NEW YORK

811 Know what's below. Call before you dig.

PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE

FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

Colliers Engineering & Design

WESTCHESTER
400 Columbus Avenue,
Suite 180E
Valhalla, NY 10595
Phone: 914.347.7500

COLLIERS ENGINEERING & DESIGN CT, P.C.
DOING BUSINESS AS MASER CONSULTING
ENGINEERING & LAND SURVEYING

TRAFFIC IMPACT STUDY

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	4/6/22	R.H.	P.J.G.

PROJECT NUMBER:	DRAWING NAME:
22003478A	220406RH_FIGURE

SHEET TITLE:
SITE LOCATION &
PARKING AREA MAP

SHEET NUMBER:
1A

3478A\Reports\Traffic\Figures\220406RH_FIGURE.dwg\1 By: RHILARIO

Colliers Engineering & Design

Admiral Halsey II

Appendix B | Tables

Table No. 1

Summary of Hourly Occupied Parking Observations

Admiral Halsey I City of Poughkeepsie, NY	Spaces Occupied By Time Of Day		
	10:00 AM	3:00 PM	7:00 PM
Existing Parking Lot Capacity (55 Total Parking Spaces)			
Tuesday 5/24/21	34	30	32
Saturday 5/29/21	28	32	31
Tuesday 11/30/21	34	32	32
Wednesday 12/1/21	32	25	31
Friday 12/3/21	32	36	35
Saturday 12/4/21	36	32	40

NOTES:

1) OBSERVATION BASED ON SITE FACILITY MANAGEMENT.

Admiral Halsey I City of Poughkeepsie, NY	Spaces Occupied By Time Of Day			
	6:00 AM	10:00 AM	3:00 PM	7:00 PM
Existing Parking Lot Capacity (55 Total Parking Spaces)				
Thursday 4/7/22	36	33	33	31
Saturday 4/9/22	35	34	28	36

NOTES:

1) OBSERVATION BASED ON COLLIERS ENGINEERING & DESIGN.

TABLE P-1

SUMMARY OF ADMIRAL HALSEY PARKING SPACE UTILIZATION (WEEKDAY AM CONDITIONS)

JOB # 22003478A
LOCATION: POUGHKEEPSIE, NY
DAY: THURSDAY
DATE: 04/07/22
TIME: 6:00 AM - 10:00 AM

		PARKING AREA CAPACITY (1)			TOTAL	
		1	2	3	OCCUPIED	UNOCCUPIED
TOTAL SPACES		22	21	12	55	
TIME		SPACES OCCUPIED				
6:00 AM	6:30 AM	11	18	7	**36**	**19**
6:30 AM	7:00 AM	11	18	6	**35**	**20**
7:00 AM	7:30 AM	11	18	6	**35**	**20**
7:30 AM	8:00 AM	10	17	5	**32**	**23**
8:00 AM	8:30 AM	10	17	5	**32**	**23**
8:30 AM	9:00 AM	12	16	5	**33**	**22**
9:00 AM	9:30 AM	13	15	5	**33**	**22**
9:30 AM	10:00 AM	14	14	5	**33**	**22**

(1) PARKING AREAS SHOWING SPACES AVAILABLE DURING EACH TIME INTERVAL BY AREA AND FOR OVERALL AREA. SEE FIGURE 1A FOR IDENTIFICATION OF EACH AREA.

TABLE P-2

SUMMARY OF ADMIRAL HALSEY PARKING SPACE UTILIZATION (WEEKDAY PM CONDITIONS)

JOB # 22003478A
LOCATION: POUGHKEEPSIE, NY
DAY: THURSDAY
DATE: 04/07/22
TIME: 3:00 PM - 7:00 PM

		PARKING AREA CAPACITY (1)			TOTAL	
		1	2	3	OCCUPIED	UNOCCUPIED
TOTAL SPACES		22	21	12	55	
TIME		SPACES OCCUPIED				
3:00 PM	3:30 PM	16	12	5	**33**	**22**
3:30 PM	4:00 PM	17	14	5	**36**	**19**
4:00 PM	4:30 PM	16	16	6	**38**	**17**
4:30 PM	5:00 PM	13	15	6	**34**	**21**
5:00 PM	5:30 PM	12	13	6	**31**	**24**
5:30 PM	6:00 PM	12	13	6	**31**	**24**
6:00 PM	6:30 PM	12	15	6	**33**	**22**
6:30 PM	7:00 PM	11	14	6	**31**	**24**

(1) PARKING AREAS SHOWING SPACES AVAILABLE DURING EACH TIME INTERVAL BY AREA AND FOR OVERALL AREA. SEE FIGURE 1A FOR IDENTIFICATION OF EACH AREA.

TABLE P-3

SUMMARY OF ADMIRAL HALSEY PARKING SPACE UTILIZATION (WEEKEND SAT CONDITIONS)

JOB # 22003478A
LOCATION: POUGHKEEPSIE, NY
DAY: SATURDAY
DATE: 04/09/22
TIME: 10:00 AM - 1:00 PM

		PARKING AREA CAPACITY (1)			TOTAL	
		1	2	3	OCCUPIED	UNOCCUPIED
TOTAL SPACES		22	21	12	55	
TIME		SPACES OCCUPIED				
10:00 AM	10:30 AM	12	16	6	**34**	**21**
10:30 AM	11:00 AM	12	14	5	**31**	**24**
11:00 AM	11:30 AM	13	13	5	**31**	**24**
11:30 AM	12:00 PM	11	14	4	**29**	**26**
12:00 PM	12:30 PM	8	15	4	**27**	**28**
12:30 PM	1:00 PM	8	14	4	**26**	**29**

(1) PARKING AREAS SHOWING SPACES AVAILABLE DURING EACH TIME INTERVAL BY AREA AND FOR OVERALL AREA. SEE FIGURE 1A FOR IDENTIFICATION OF EACH AREA.

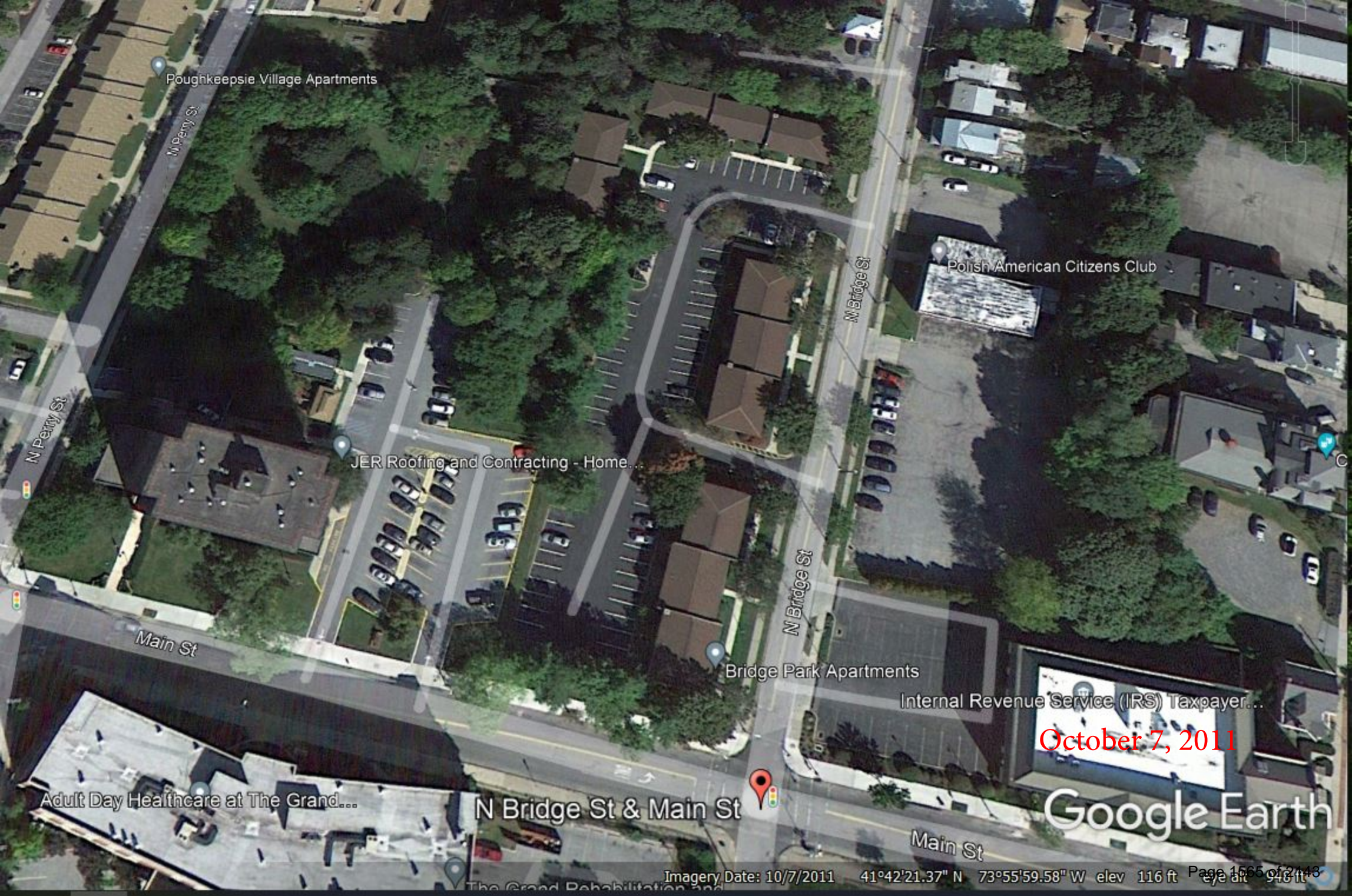
Colliers Engineering & Design

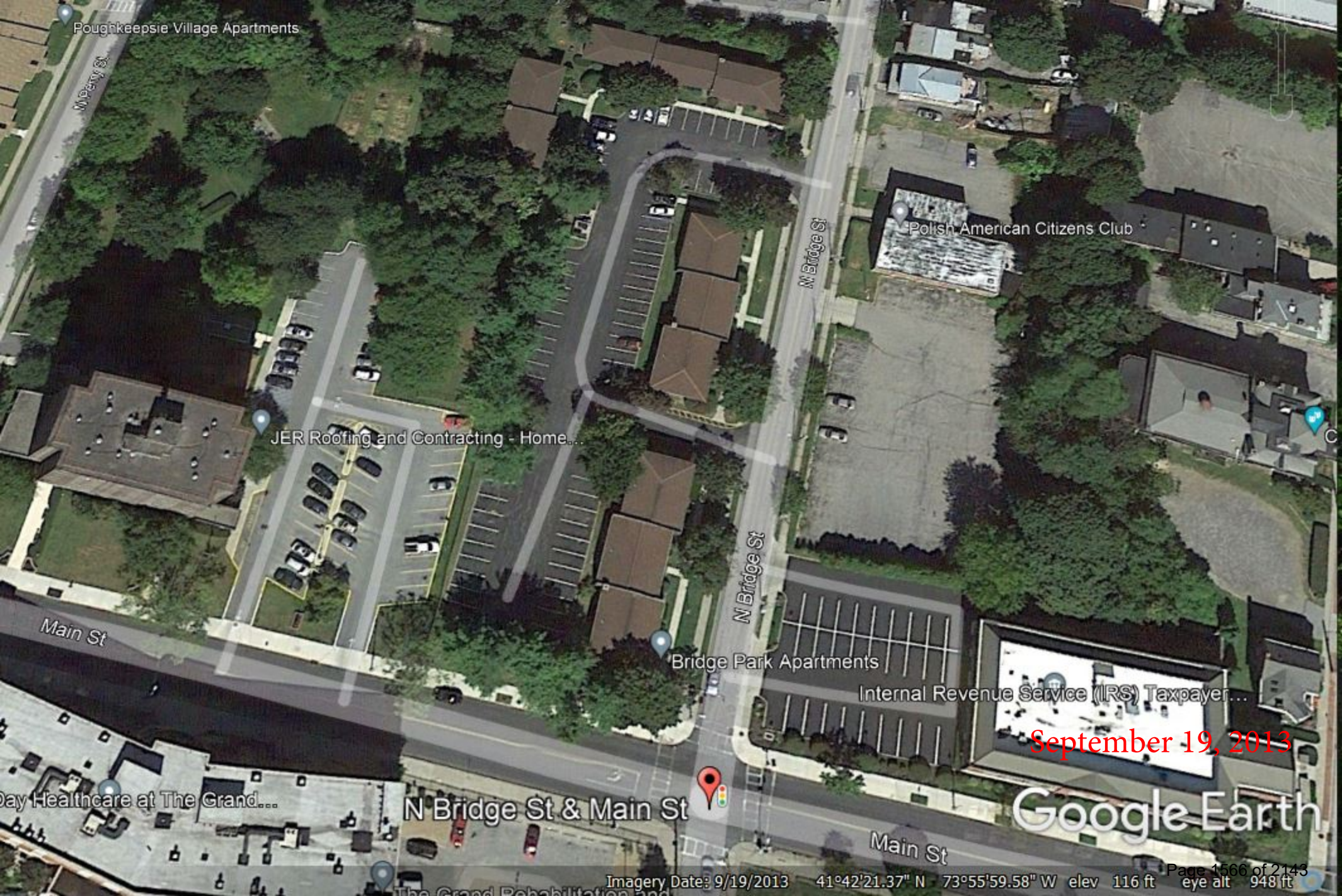
Admiral Halsey II

Appendix C | Historical Aerial Site Images

Poughkeepsie Village Apartments
Polish American Citizen Club
JER Roofing and Contracting - Home...
Bridge Park Apartments
Main St
N Bridge St & Main St
Adult Day Healthcare at The Grand...
The Grand Rehabilitation and...
Image © 2022 New York GIS
March 31, 2004
Google Earth
Imagery Date: 3/31/2004 41°42'20.43" N 73°56'00.61" W elev 120 ft

Poughkeepsie Village Apartments
JER Roofing and Contracting - Home...
Polish American Citizens
N Bridge St
Main St
Bridge Park Apartments
N Bridge St
Main St
N Bridge St & Main St
September 30, 2006
Adult Day Healthcare at The Grand...
Image © 2022 Maxar Technologies
Main St
Google Earth
Imagery Date: 9/30/2006 41°42'20.32" N 73°56'00.15" W elev 118 ft eye alt 631 ft


Poughkeepsie Village Apartments
N Perry St
N Perry St
JER Roofing and Contracting - Home...
N Bridge St
Polish American Citizens Club
N Bridge St
Main St
Bridge Park Apartments
Internal Revenue Service (IRS) Taxpayer...
October 7, 2011
Adult Day Healthcare at The Grand...
N Bridge St & Main St
Main St
Google Earth
Imagery Date: 10/7/2011 41°42'21.37" N 73°55'59.58" W elev 116 ft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N Bridge St
Polish American Citizens Club
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Main St
Bridge Park Apartments
Internal Revenue Service (IRS) Taxpayer...
September 19, 2013
Day Healthcare at The Grand...
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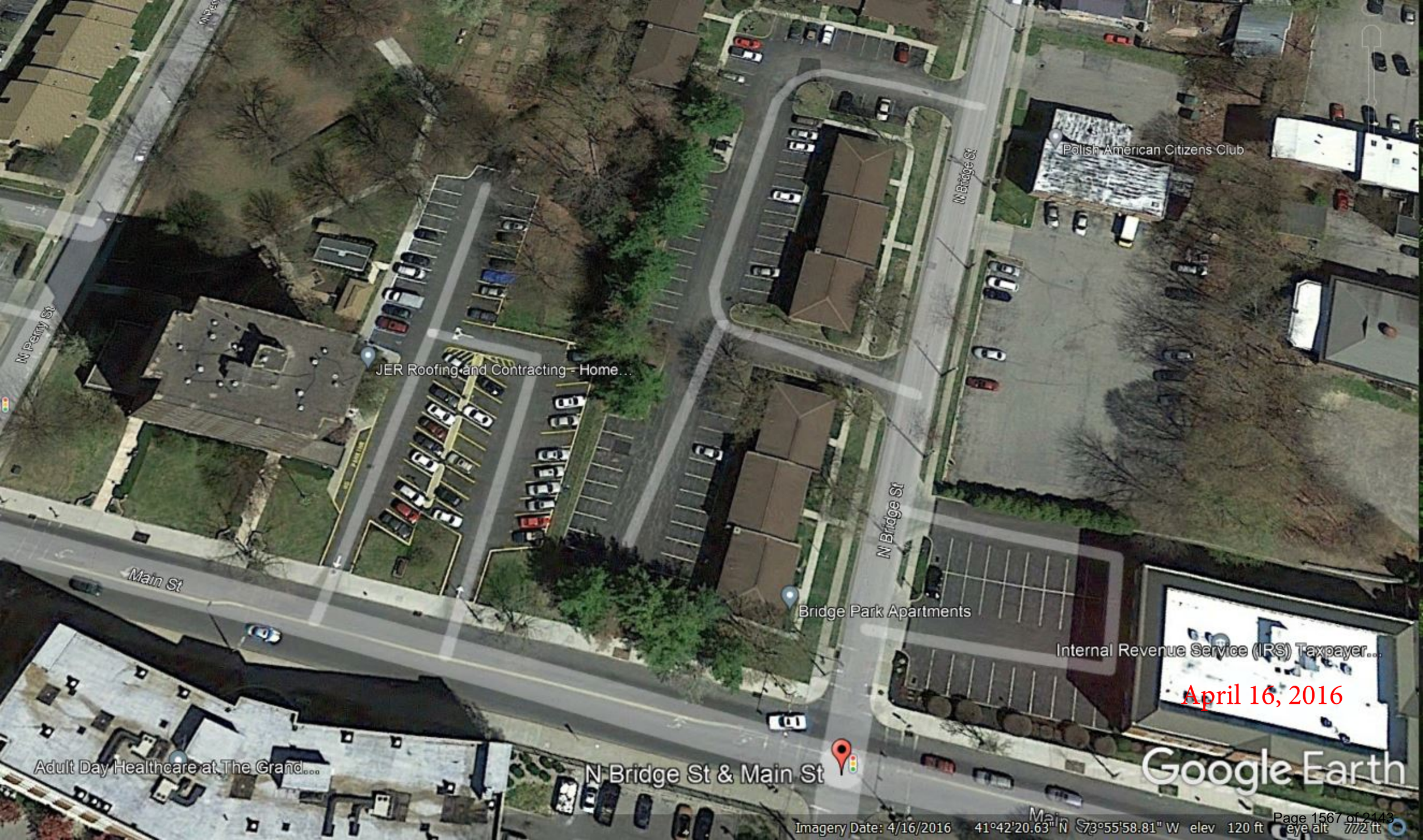
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Polish American Citizens Club
N Bridge St
Main St
Bridge Park Apartments
Internal Revenue Service (IRS) Taxpayer...
April 16, 2016
Adult Day Healthcare at The Grand...
N Bridge St & Main St
Google Earth
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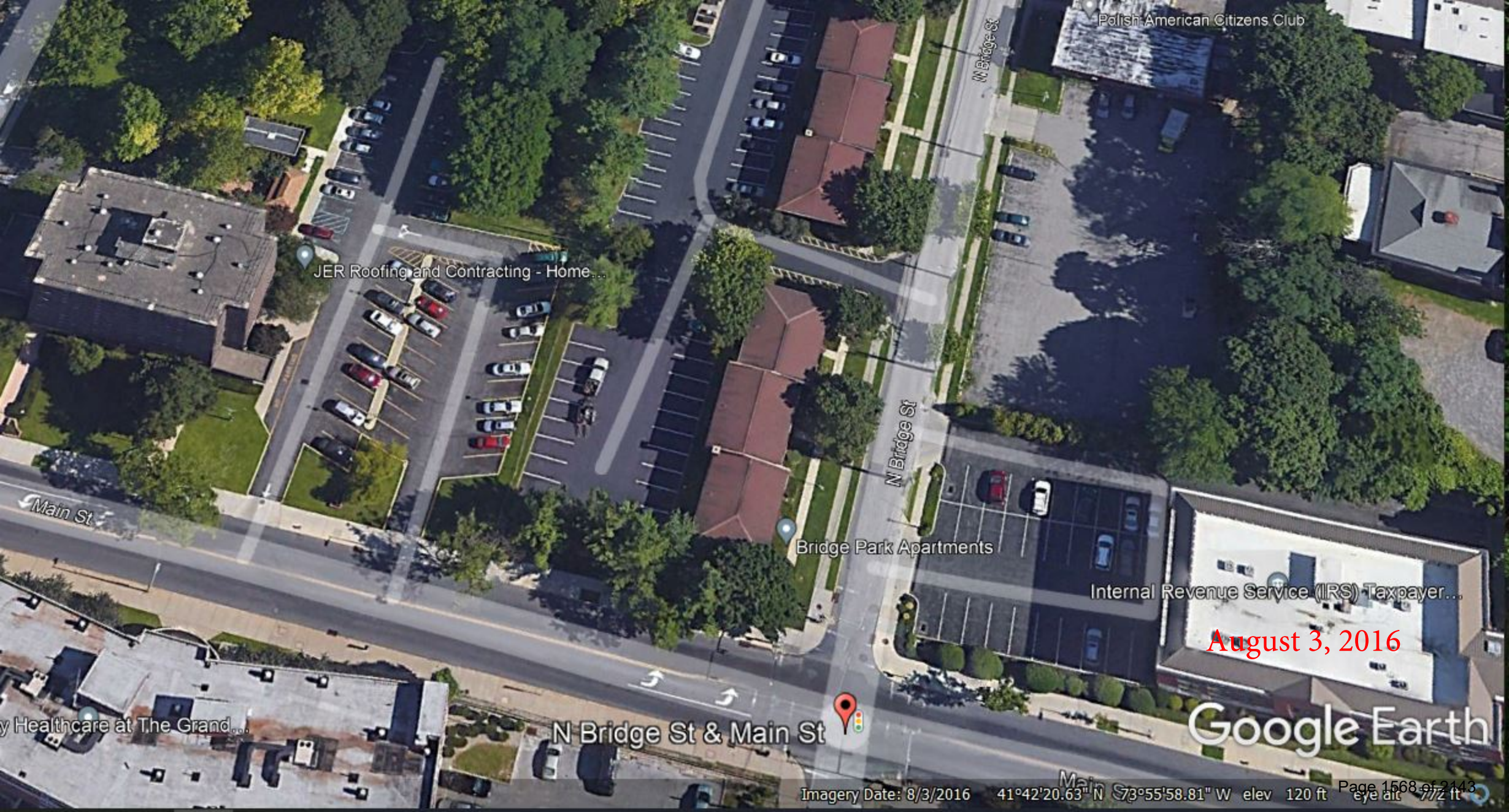
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Bridge Park Apartments
Internal Revenue Service (IRS) Taxpayer...
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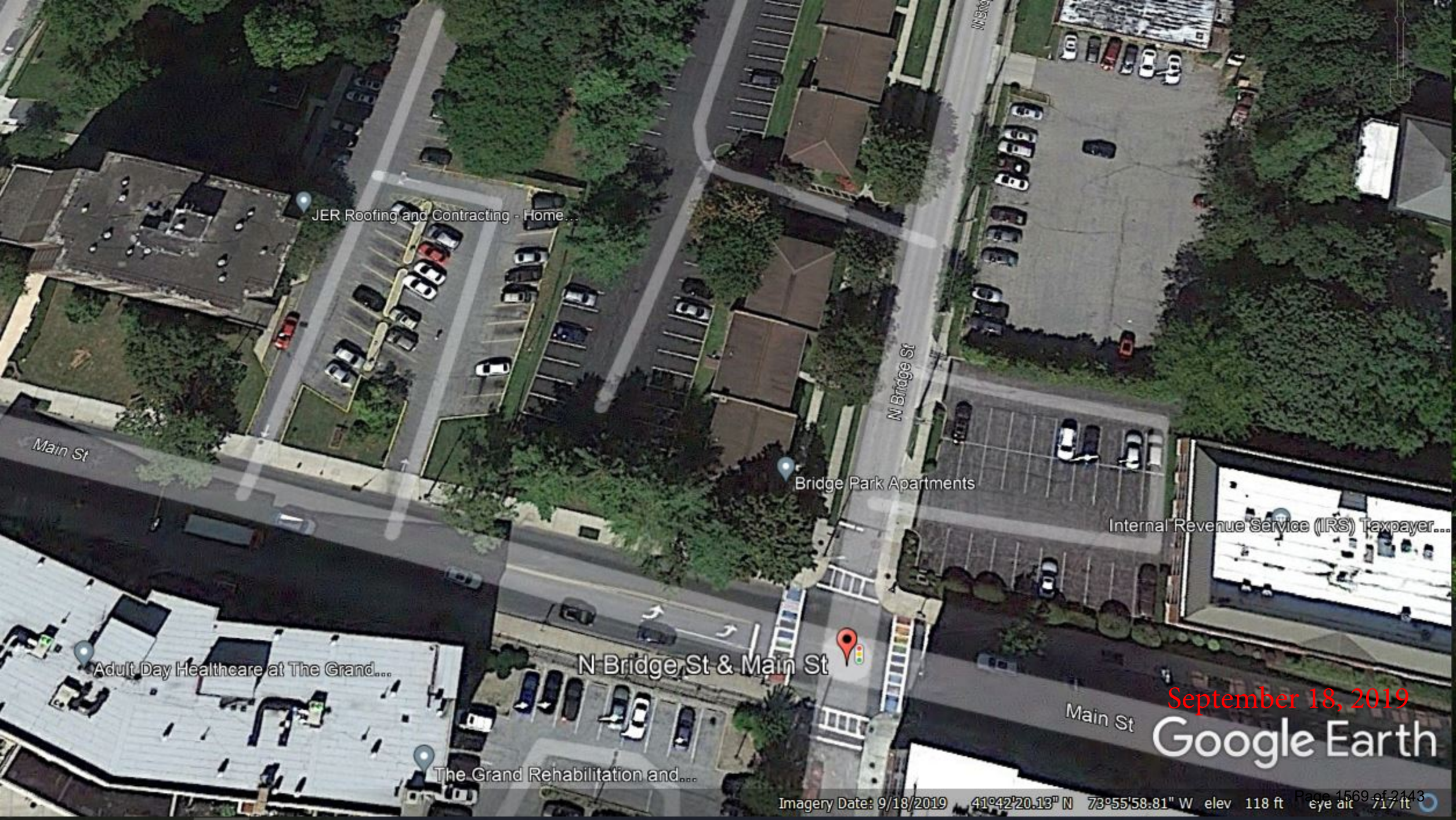
JER Roofing and Contracting - Home...
Main St
Bridge Park Apartments
N Bridge St
Internal Revenue Service (IRS) Taxpayer...
Adult Day Healthcare at The Grand...
N Bridge St & Main St
Main St
The Grand Rehabilitation and...
September 18, 2019
Google Earth
Imagery Date: 9/18/2019 41°42'20.13" N 73°55'58.81" W elev 118 ft eye alt 717 ft

2016 CIR
2015 NAIP
2014 TC
2014 CIR
2013 TC
2013 CIR
2011 NAIP
2009 TC
2009 CIR
2004 TC
2004 CIR
2000 TC
1995 CIR
1990 BW
1980 BW
1970 BW
1955 BW
1940s BW
1936 BW

135 MAIN ST

- 2016 CIR
- 2015 NAIP
- 2014 TC
- 2014 CIR
- 2013 TC
- 2013 CIR
- 2011 NAIP
- 2009 TC
- 2009 CIR
- 2004 TC
- 2004 CIR
- 2000 TC
- 1995 CIR
- **1990 BW**
- 1980 BW
- 1970 BW
- 1955 BW
- 1940s BW
- 1936 BW

Aerial Viewer | Dutchess County NY

135 MAIN ST

- 2016 CIR
- 2015 NAIP
- 2014 TC
- 2014 CIR
- 2013 TC
- 2013 CIR
- 2011 NAIP
- 2009 TC
- 2009 CIR
- 2004 TC
- 2004 CIR
- **2000 TC**
- 1995 CIR
- 1990 BW
- 1980 BW
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- 1955 BW
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- 1936 BW

Aerial Viewer | Dutchess County NY

135 MAIN ST

- 2016 CIR
- 2015 NAIP
- 2014 TC
- 2014 CIR
- 2013 TC
- 2013 CIR
- 2011 NAIP
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- 2004 CIR
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- 1995 CIR
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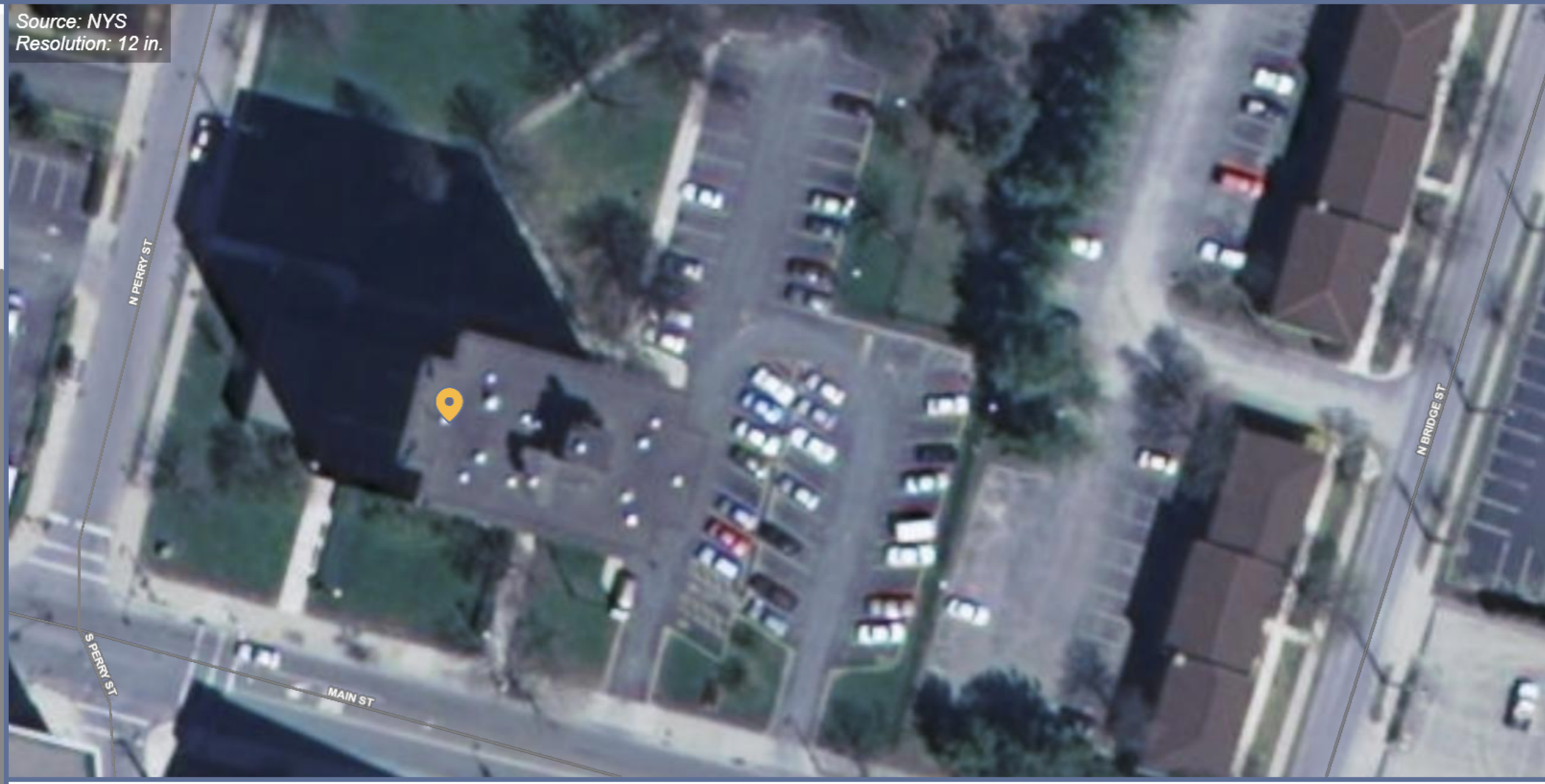
- 1940s BW
- 1936 BW



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- 2014 TC
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- **2009 TC**
- 2009 CIR
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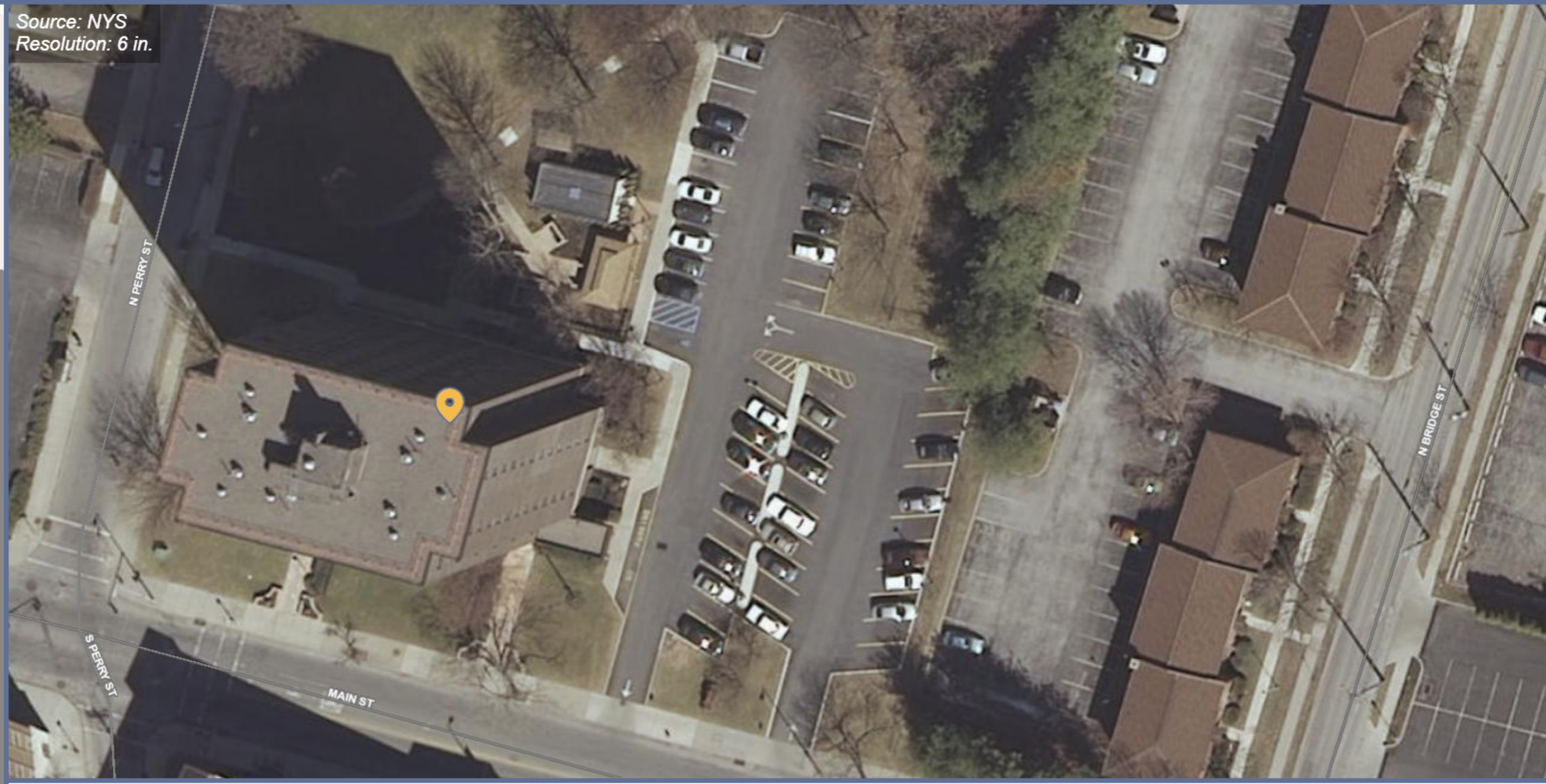
- 2000 TC
- 1995 CIR
- 1990 BW
- 1980 BW
- 1970 BW
- 1955 BW
- 1940s BW
- 1936 BW



Flights

- 2021 TC
- 2021 CIR
- 2020 TC
- 2020 CIR
- 2019 NAIP
- 2017 NAIP
- 2016 TC
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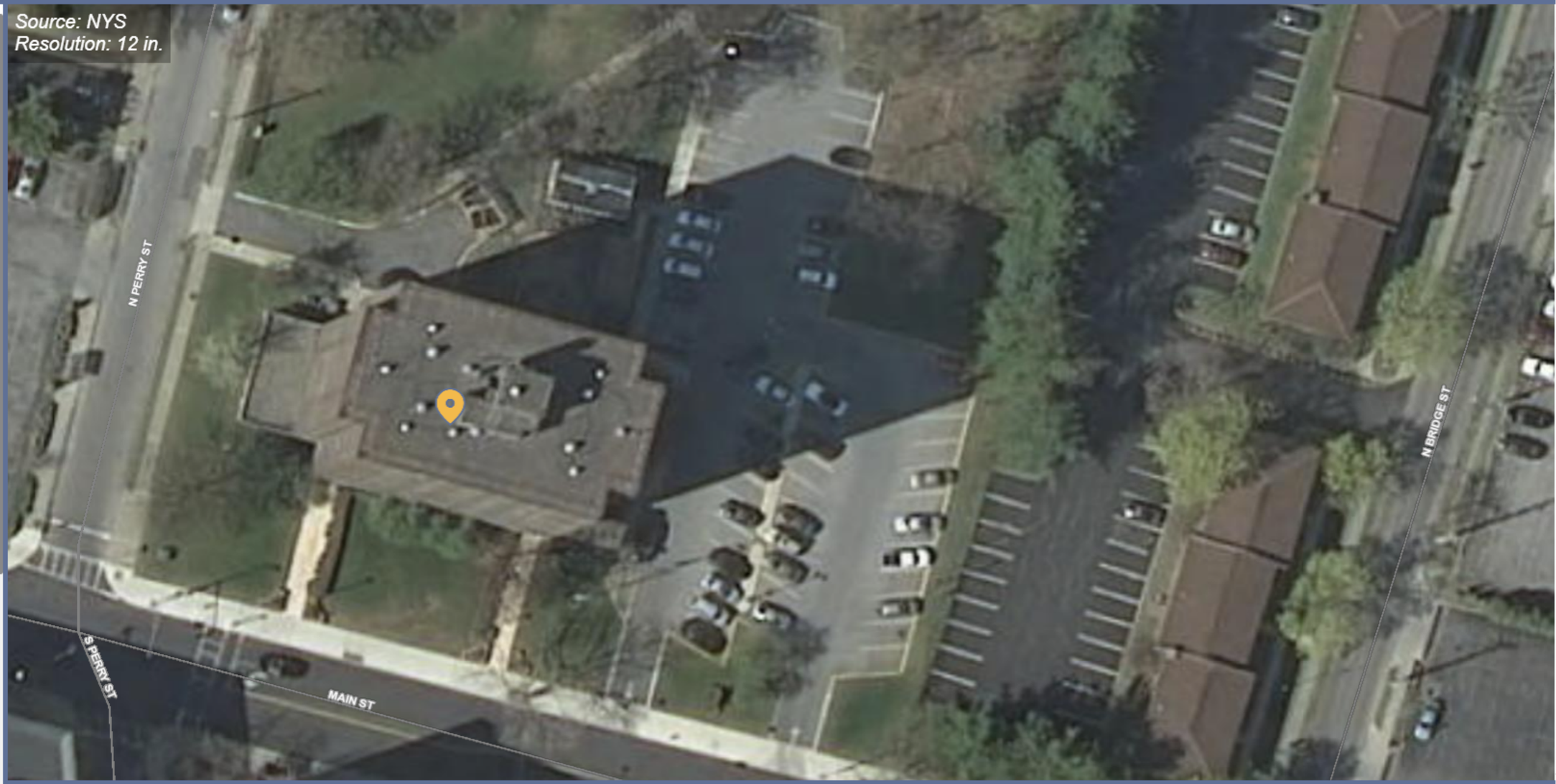
- 2015 NAIP
- 2014 TC
- 2014 CIR
- **2013 TC**
- 2013 CIR
- 2011 NAIP
- 2009 TC
- 2009 CIR
- 2004 TC



Flights

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- 2021 CIR
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- 2020 CIR
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- 2017 NAIP
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- 2014 CIR
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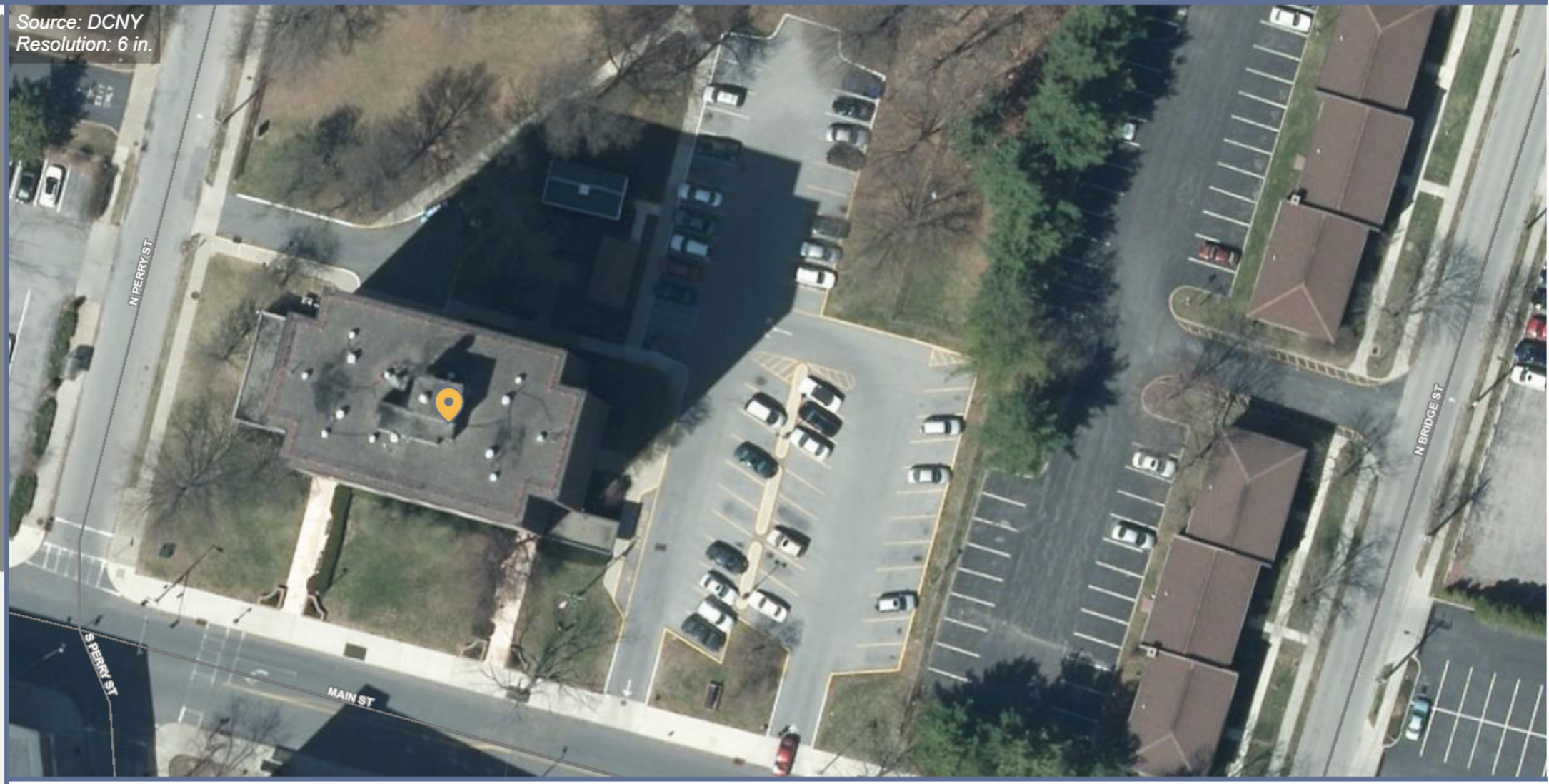
- 2004 TC



Flights

- 2021 TC
- 2021 CIR
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- 2020 CIR
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- 2017 NAIP
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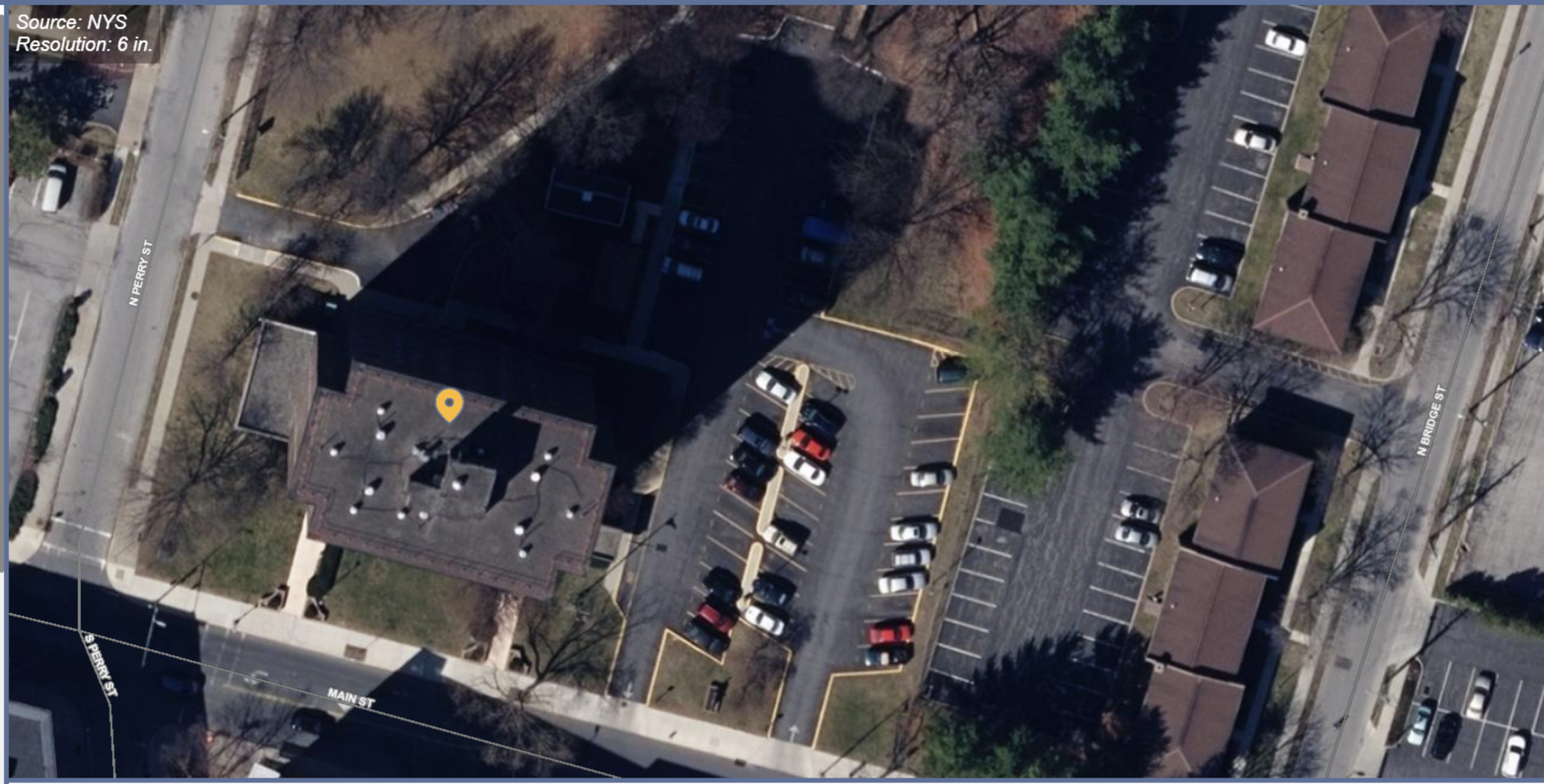

Flights

- 2021 TC
- 2021 CIR
- **2020 TC**
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- 2017 NAIP
- 2016 TC
- 2016 CIR
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- 2011 NAIP
- 2009 TC
- 2009 CIR
- 2004 TC

Flights

- **2021 TC**
- 2021 CIR
- 2020 TC
- 2020 CIR
- 2019 NAIP
- 2017 NAIP
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- 2016 CIR
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- 2013 CIR
- 2011 NAIP
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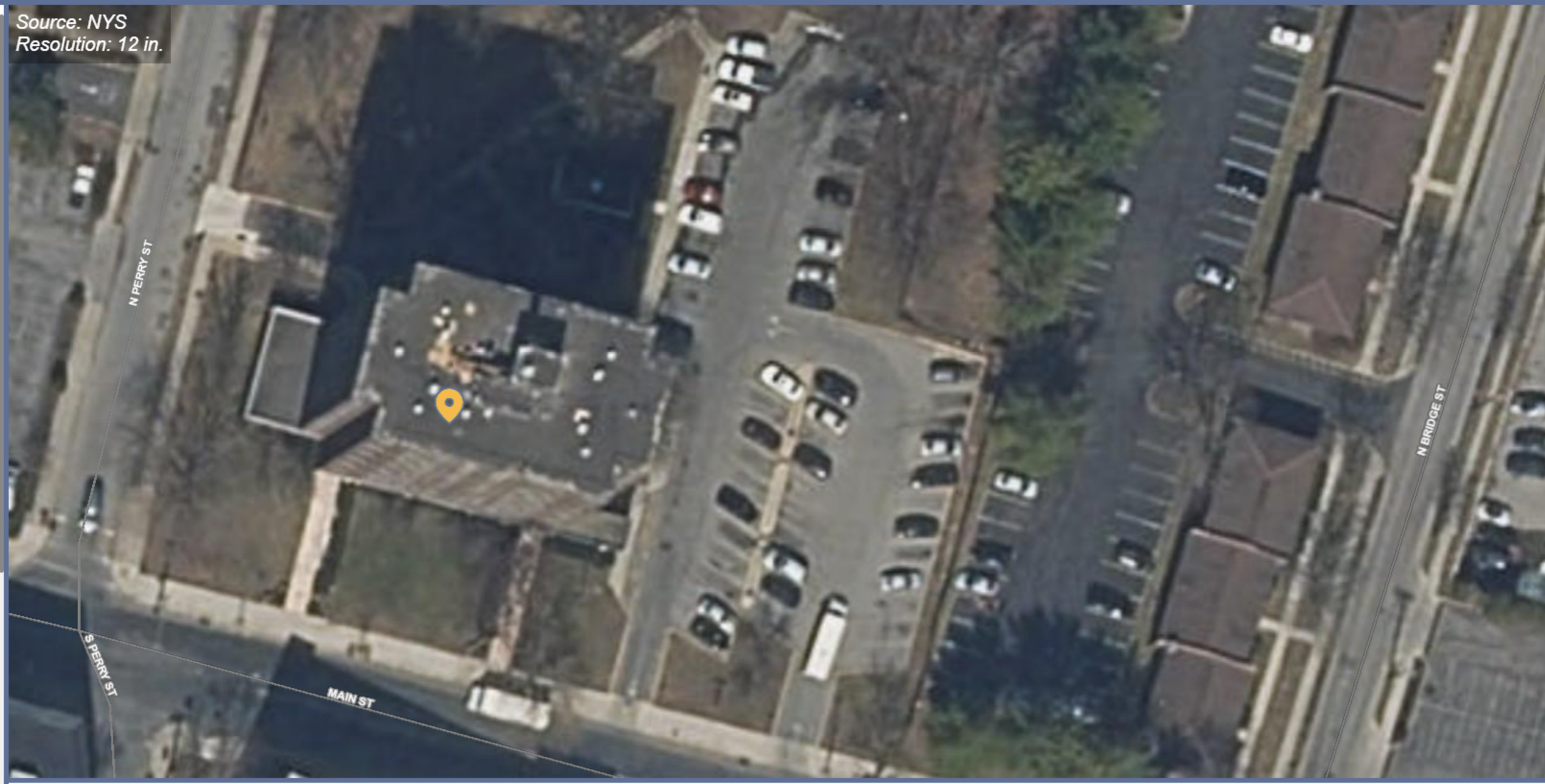
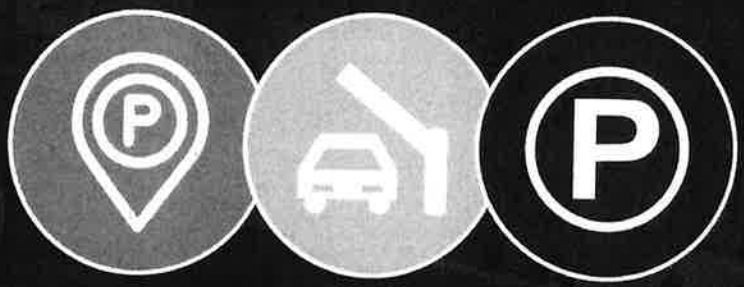
- 2009 CIR
- 2004 TC



Colliers Engineering & Design

Admiral Halsey II

Appendix D | ITE Parking Rates



Parking Generation Manual

5th Edition

JANUARY 2019

INSTITUTE OF TRANSPORTATION ENGINEERS

Land Use: 221 Multifamily Housing (Mid-Rise)

Description

Mid-rise multifamily housing includes apartments, townhouses, and condominiums located within the same building with at least three other dwelling units and with between three and 10 levels (floors) of residence. Multifamily housing (low-rise) (Land Use 220), multifamily housing (high-rise) (Land Use 222), and affordable housing (Land Use 223) are related land uses.

Time of Day Distribution for Parking Demand

The following table presents a time-of-day distribution of parking demand on a weekday (one general urban/suburban study site), a Saturday (two general urban/suburban study sites), and a Sunday (one dense multi-use urban study site).

	Percent of Peak Parking Demand		
Hour Beginning	Weekday	Saturday	Sunday
12:00–4:00 a.m.	100	100	100
5:00 a.m.	94	99	–
6:00 a.m.	83	97	–
7:00 a.m.	71	95	–
8:00 a.m.	61	88	–
9:00 a.m.	55	83	–
10:00 a.m.	54	75	–
11:00 a.m.	53	71	–
12:00 p.m.	50	68	–
1:00 p.m.	49	66	33
2:00 p.m.	49	70	40
3:00 p.m.	50	69	27
4:00 p.m.	58	72	13
5:00 p.m.	64	74	33
6:00 p.m.	67	74	60
7:00 p.m.	70	73	67
8:00 p.m.	76	75	47
9:00 p.m.	83	78	53
10:00 p.m.	90	82	73
11:00 p.m.	93	88	93

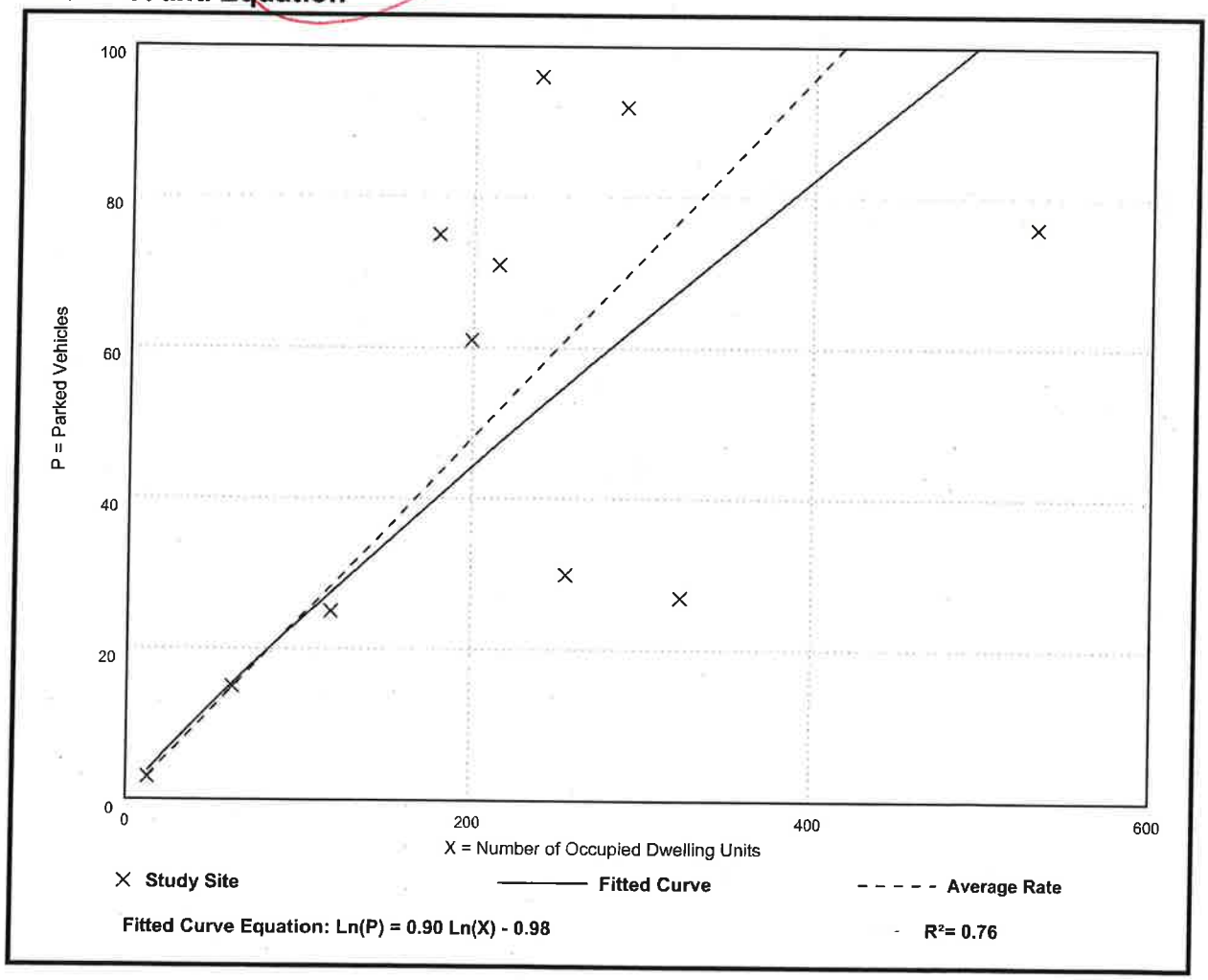
Multifamily Housing (Mid-Rise)
(221)

Peak Period Parking Demand vs: Occupied Dwelling Units
On a: Weekday (Monday - Friday)
Setting/Location: Center City Core
Peak Period of Parking Demand: 10:00 p.m. - 5:00 a.m.
Number of Studies: 11
Avg. Num. of Occupied Dwelling Units: 220

Peak Period Parking Demand per Occupied Dwelling Unit

Average Rate	Range of Rates	33rd / 85th Percentile	95% Confidence Interval	Standard Deviation (Coeff. of Variation)
0.24	0.08 - 0.42	0.21 / 0.41	***	0.12 (50%)

Data Plot and Equation



Colliers Engineering & Design

Admiral Halsey II

Appendix E| Hudson River Housing, Inc. Letter

Hudson River Housing, Inc.

313 Mill Street
Poughkeepsie, NY 12601
(845) 454-5176 (P)
(845) 485-1641 (F)
www.hudsonriverhousing.org

NeighborWorks® CHARTERED MEMBER

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Charles Nicols
Tom Pape
Diane Ruffin
Carol Stevens
Lorna Thompson
Norma Vizcarondo
Thomas Zurhellen

Executive Director
Christa Hines

July 26, 2022

Scott Parker, Chairperson
City of Poughkeepsie Zoning Board of Appeals
Municipal Building, P.O. Box 300
Poughkeepsie, NY 12602

RE: ZBA Request for Information May 10, 2022, Admiral Halsey II

Dear Mr. Parker,

The ZBA has requested additional information concerning which of the identified groups will be served at the Admiral Halsey II building, and to address the relevance, if any, of the ESSHI tenant population on parking demand for the building, whether by explicit restriction on car ownership, or by practice.

Hudson River Housing, Inc. (HRH) administers numerous housing opportunities across Dutchess County and beyond that assist low- and moderate-income households in securing safe and affordable housing. One resource that assists us in doing this is New York State's Empire State Supportive Housing Initiative (ESSHI). This Initiative serves various specific vulnerable populations who face housing insecurity.

HRH will be supporting the residents of thirty-six (36) apartments at Admiral Halsey II through ESSHI. These residents will meet the State's criteria for what is characterized as "Frail Elderly/Senior". The State defines this as "any person who is age 55 or older, who is enrolled in Medicaid and requires assistance with one of more activities of daily living". All residents of Admiral Halsey II are required to be 62 years of age or older. The remainder of the apartments in Admiral Halsey II will be occupied by income eligible seniors. It should be noted that both the ESSHI frail elderly/senior apartments and the income eligible senior apartments are independent living units, not assisted living.

None of the Admiral Halsey II residents will be restricted as to car ownership. However, our long experience housing seniors has shown that the traditional demand for parking is greatly diminished for these residents due to a higher propensity of eyesight & mobility issues, as well as limited means to maintain a car and insurance. To mitigate this, HRH's plans for Admiral Halsey II include acquiring a van and providing a full time driver to provide transportation for residents seven days a week to get to medical appointments, shopping, leisure, etc. Residents will not be dependent on a car to get where they need to go. This service will not be exclusive to the ESSHI residents, but all the residents of Admiral Halsey II.

There has been some public comment that the ESSHI residents will be primarily served by outside aides who will put additional pressure on parking demand, we do not anticipate this. As noted

above, the ESSHI apartments are independent living units, not assisted living. Assisted living units require a much higher level of care than those residing in the ESSHI units. Additionally, HRH's staffing plan for Admiral Halsey II includes a Care Manager on site 8 hours a day, seven days a week. The Care Manager will assist the ESSHI residents with any daily activities that they struggle to perform themselves. This could include housekeeping, preparing meals and personal hygiene. The goal of this Initiative in serving the Frail Elderly/Senior population is to keep these residents living independently by promoting a safe and healthy environment and providing staff to deliver in-house programs and services to keep our residents engaged and as active as possible. Any need for a high-level of outside care would impact a resident's eligibility to continue as an ESSHI participate and likely indicate a need for a move to an assisted living facility.

Should you require any additional information, please don't hesitate to reach out. Thank you.

Sincerely,

Mary Linge

Mary F. Linge
Director of Real Estate Development

Definition of Disabled:

DEFINITION OF DISABLED
A disabled person is defined in 24 CFR Section 912.2(a) as an individual who is under a disability as defined in Section 223 of the Social Security Act or in Section 102 (b)(5) of the Developmental Disabilities Services and Facilities Construction Amendments of 1970.

Section 223 of the Social Security Act defines disability as:
Inability to engage in any substantial, gainful activity by reason of any medically determinable physical or mental impairment which can be expected to result in death or which has lasted or can be expected to last for a continuous period of not less than 12 months; or

In the case of an individual who has attained the age of 55 and is blind (within the meaning of "blindness" as defined in Section 416(i)(1) of this title), inability by reason of such blindness to engage in substantial gainful activity requiring skills or abilities comparable to those of any gainful activity in which he has previously engaged with some regularity and over a substantial period of time."

NEW YORK STATE OF OPPORTUNITY. Parks, Recreation, and Historic Preservation

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

October 12, 2022

Nicole Casamento
LRC Group
85 Civic Center Plaza, Suite 204
Poughkeepsie, NY 12601

Re: DEC
Admiral Halsey Phase II
135 Main St.
Poughkeepsie, Dutchess Co.
22PR05941

Dear Nicole Casamento:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the submitted materials in accordance with the New York State Historic Preservation Act of 1980 (section 14.09 of the New York Parks, Recreation and Historic Preservation Law).

The project area is bordered by the National Register listed Mill Street-North Clover Street Historic District to the north and the National Register listed Union Street Historic District to the south. Because of this, we have reviewed the project.

The new design is appropriate. It is the opinion OPRHP that the project will have No Adverse Impact on historic resources.

If you have any questions, I can be reached at sloane.bullough@parks.ny or 518-268-2158.

Sincerely,

Sloane Bullough

Sloane Bullough
Historic Sites Restoration Coordinator by email only

PRELIMINARY ENGINEERING REPORT

Prepared for

ADMIRAL HALSEY II

Located at

135 Main Street
City of Poughkeepsie, Dutchess County, NY
Tax ID: 6062-76-911183

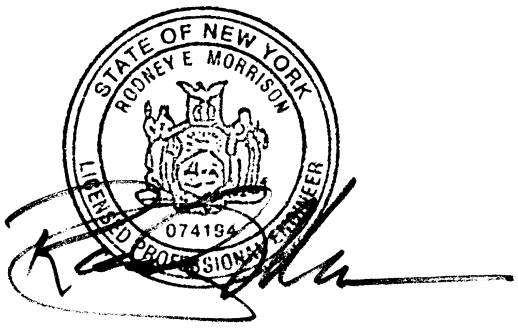
Submitted

December 1, 2021
Last Revised: November 29, 2022

Prepared for

Admiral Halsey II, L.P.

909 Third Avenue, 21st Floor
New York City, NY 10022



Prepared by

Land Planning ♦ Civil Engineering ♦ Environmental Services ♦ Land Surveying ♦ Landscape Architecture

85 Civic Center Plaza, Suite 204
Poughkeepsie, NY 12601
Phone 845-243-2880
Fax 845-265-8175
www.lrcconsult.com

Offices in Connecticut, New York and New Jersey

LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

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2.0 WATER SERVICES
- 2.1 Domestic Water Demand
- 2.2 Proposed Water Supply
- 2.3 Water Infrastructure Improvements
- 2.4 Fire Suppression

3.0 WASTEWATER SERVICES
- 3.1 Design Wastewater Flows
- 3.2 Existing Wastewater Treatment
- 3.3 Wastewater Infrastructure Improvements

4.0 WATER AND WASTEWATER SERVICES – CONCLUSION

APPENDICES

Appendix A – Sewer and Water Calculations

1.0 INTRODUCTION

The subject property is a 2.285 acre parcel located at 135 Main Street in the City of Poughkeepsie. The property is identified as Tax Parcel 6062-76-911183 according to the Dutchess County Parcel Access Records. The site is located on the east side of North Perry Street and the north side of Main Street. The project has UTM coordinates of 588728 Easting and 4617715 Northing. Below in ***Figure 1*** is a vicinity map showing the outer limits of the property (shown in blue).

The property is located within the R-6 zoning district. The site is currently developed with an existing 13 story high-rise affordable housing building (Admiral Halsey I). The site includes an existing parking area, with associated sidewalks and landscape areas.

The proposed development will subdivide the existing lot into two (2) proposed lots. The existing high-rise building will remain on Lot 1. A proposed 5 story affordable housing building will be constructed on Lot 2 with associated parking, sidewalks and landscaped area.

2.0 WATER SERVICES

2.1 Domestic Water Demand

The estimated consumption values were derived from Table B-3 "Typical per Unit Hydraulic Loading Rates" of the New York State Department of Environmental Conservation (NYSDEC) Division of Water "Design Standards for Intermediate Sized Wastewater Treatment Systems", March 5, 2014. A summary of the projected sanitary sewer flow/water consumption is as follows:

ADMIRAL HALSEY					
Sanitary Sewer Flow / Water Computation Projections					
EXISTING SITE					
Location	**Use**	**Size**		**Rate**	**Flow (GPD)**
Overall Site	Assisted Living	79,482	SQ FT		
		119	Beds	110	13,090
PROPOSED DEVELOPMENT					
Location	**Use**	**Size**		**Rate**	**Flow (GPD)**
Lot 2	Assisted Living		SQ FT		
		72	Beds	110	7,920
				Total Proposed Daily Flow:	**7,920**
				Overall Daily Flow:	**21,010**

Based on the calculated sewer and water usage, the proposed project will increase the daily flow by 7,920 GPD.

2.2 Proposed Water Supply

Water supply for the project will be provided from the City of Poughkeepsie Municipal Water System. The water is supplied by the joint Town and City water treatment facility located at 3431 North Road, Poughkeepsie, NY 12601. The existing building is connected to an existing 6" water main located on the

west side of North Perry Street. The water supply for the purposed building will also connect into the same 12" water main located on the west side of North Perry Street.

2.3 Water Infrastructure Improvements

A water meter and backflow prevention will be installed in the mechanical room in the proposed building. The proposed building will also include an FDC connection on the side of the building.

2.4 Fire Suppression

The proposed building will be equipped with sprinkler systems in accordance with NFPA guidelines. There is one new fire hydrant proposed. Existing municipal fire hydrants are located on the west side of North Perry Street and the north side of Main Street. During final design of the fire suppression system, the City Fire Department will be consulted to determine if any additional requirements will be required to meet the City's Fire Department needs.

3.0 WASTEWATER SERVICES

3.1 Design Wastewater Flows

As discussed in section 2.1 the estimated consumption values are derived from Table B-3 "Typical per Unit Hydraulic Loading Rates" of the New York State Department of Environmental Conservation (NYSDEC) Division of Water "Design Standards for Intermediate Sized Wastewater Treatment Systems", March 5, 2014. The total average day demand for sewer and water is 7,920 GPD for the proposed building. Using a peaking factor of 4.0 as recommended by the NYSDEC the design max hourly flow rate is 22 GPM.

3.2 Existing Wastewater Treatment

The project will connect to the existing municipal sewer collection system. Wastewater generated at the site will be treated by the City/Town of Poughkeepsie Municipal Wastewater Treatment Plant. The plant is located off Hudson Street in the Town of Poughkeepsie.

3.3 Wastewater Infrastructure Improvements

The wastewater is discharged to the existing 12" municipal line in North Perry Street through a proposed 6" sanitary sewer line. The proposed 6" sewer line will connect to the existing line through a proposed doghouse manhole.

4.0 WATER AND WASTEWATER SERVICES – CONCLUSION

The new development will have total sewer and water usage of 7,920 GPD. The water and sewer system will be connected to the City of Poughkeepsie water and sewer systems, using the existing infrastructure at the site. The proposed water and wastewater services, from the City Water District and Sewer District, have adequate infrastructure and capacity, according to the City.

APPENDIX A

Sewer and Water Calculations

Project	Admiral Halsey			Project #:	21-2730
Calculations By:	BLS	Checked By:	KFC	Date:	5/25/2021

Location: 135 Main Street
Parcel ID: 6062-76-911183
Project: Admiral Halsey Proposed Building

ADMIRAL HALSEY

Sanitary Sewer Flow / Water Computation Projections

EXISTING SITE

Location	Use	Size		Rate	Flow (GPD)
Overall Site	Assissted Living	79,482	SQ FT		
		119	Beds	110	13,090

PROPOSED DEVELOPMENT

Location	Use	Size		Rate	Flow (GPD)
Lot 2	Assissted Living		SQ FT		
		72	Beds	110	7,920
				Total Proposed Additional Daily Flow:	**7,920**
				Overall Daily Flow:	**21,010**

STORMWATER POLLUTION PREVENTION PLAN

Prepared for

ADMIRAL HALSEY II

Located at

135 Main Street
City of Poughkeepsie, Dutchess County, NY
Tax ID 6062-76-911183

Submitted

December 1, 2021
Last Revised: November 29, 2022

Prepared for

Omni New York

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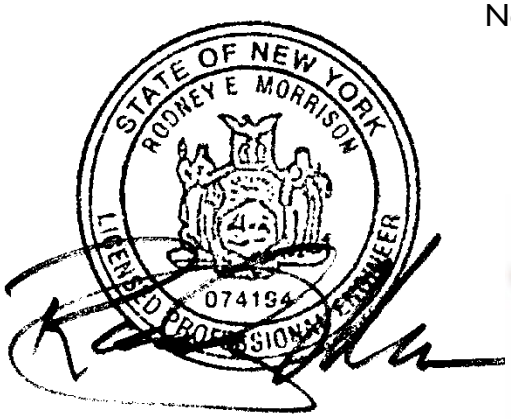

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1.0 INTRODUCTION

This Water Quality and Quantity Plan and Stormwater Pollution Prevention Plan (SWPPP) have been prepared pursuant to the Environmental Protection Agencies' (EPA) and the New York State Department of Environmental Conservations (NYSDEC) Phase II Storm Water Regulations. All parties, as defined below, are responsible for executing the SWPPP and for complying with the requirements set forth in the EPA's National Pollution Discharge Elimination System (NPDES) General Permit, the NYSDEC's State Pollution Discharge Elimination System (SPDES) General Permit GP-0-20-001, and any local governing agencies having jurisdiction with regard to erosion and sediment control.

The purpose of the SWPPP, described herein, is to provide for the proper control and treatment of water quality and quantity impacts due to the proposed project. These controls and treatments will be achieved through the use of appropriate features such as conveyance piping and underground infiltration chamber. The goal is to manage the post-development storm water discharge to match or improve on the pre-development conditions, provide necessary water quality treatment and quality control for the new development and prevent discharge of pollutants into receiving waters, in keeping with the afore-noted regulations and best management practices as described within the New York State Erosion and Sediment Control Manual and the New York State Stormwater Design Manual.

This SWPPP outlines methods that Owner/Developers and Contractors can use to adjust construction practices in a way that will retain surface water quality and prevent sediment laden runoff from entering rivers, streams, estuaries, wetlands and other sensitive environments. This SWPPP describes methods for permanent stormwater management features in the design and runoff management during the construction phase.

1.1 Responsibilities of the Participants

It is the responsibility of the Owner/Developer, General Contractor and subcontractors to comply with the measures set forth in this SWPPP and implement pollutant control measures which retain surface water quality and prevent sediment laden runoff from entering rivers, streams, estuaries, wetlands and other sensitive environments. The following outlines the responsibilities of all participants.

Owner/Developer's Qualified Representative

1. Prepare this Water Quality and Water Quantity Report and SWPPP using good Engineering practices, best management practices and in compliance with NYSDEC Phase II Storm Water Regulations. The Owner/Developer, General Contractor and all Sub Contractors involved in earth disturbance during construction must certify this Plan by signing the certifying statement contained in **Appendix A**.
2. Prepare the Notice of Intent (NOI) for the Owner/Developer for submission to the NYSDEC at least 5 days prior to commencement of construction.
3. The SWPPP that has been prepared for the job site shall include certification forms and a completed and signed NOI.
4. Provide copies of the SWPPP and the "Acknowledgement of Notice of Intent" to the local government agencies having jurisdiction or regulatory control over the project.
5. Review the site prior to the beginning of construction and certify in an inspection report that the appropriate pre-construction erosion and sediment control measures outlined herein, and

that are required by the NYSDEC SPDES General Permit, have been installed and will operate as designed.

6. Conduct on-site inspections every 7 days for general compliance with the SWPPP and the NYSDEC SPDES General Permit. Inspection reports will be provided to the Owner/Developer within 24-hours of the field inspection. Any problem areas or areas in need of additional stabilization shall be made clear to the Owner/Developer. The Owner/Developer and the authorized person who is responsible for the overall operation of the site, such as a project manager or site superintendent, must certify these reports by signing the certifying statements contained at the end of the reports and must be maintained in the on-site log book as described below.
7. Review onsite Contractors SWPPP records to ensure compliance and update them as required or necessary.
8. Update the SWPPP each time there is a significant modification to the design or construction which may have a significant effect on the potential for discharge of pollutants into receiving waters.
9. When construction is complete, provide the Owner/Developer with certification that an inspection has been completed verifying that the site has undergone final stabilization.
10. When the site has undergone final stabilization, prepare the Notice of Termination (NOT) for the Owner/Developer for submission to the NYSDEC.

Owner/Developer/Operator/Permittee

The following is a summary of the Owner/Developer's responsibilities:

1. Sign the NOI contained in **Appendix B** and certify the SWPPP by signing the Owner/Developer's Certification statement contained in **Appendix A** of this report. The NOI should be submitted to:

   NYSDEC "Notice of Intent"
   Bureau of Water Permits
   625 Broadway
   Albany, New York 12233-3505

2. When the Owner/Developer receives a letter of "Acknowledgement of Notice of Intent" from the NYSDEC, post a copy of this letter at the site for public viewing on a kiosk, in a construction field trailer, in model home, etc. A copy should also be forwarded to the Owner/Developer's Qualified Representative for the project file.
3. Post at the site with the "Acknowledgement of Notice of Intent" a SWPPP inspection activity log for public viewing on a monthly basis.
4. Ensure that a log book, containing all the required documentation, is kept on site and made available for inspection upon request. The book should contain an extra copy of the "Acknowledgement of Notice of Intent", a copy of this Water Quality and Water Quantity and SWPPP report, weekly SWPPP inspection reports, SWPPP inspection quarterly reports and a copy of the SPDES General Permit.
5. Ensure the SWPPP report, inspection reports and inspection quarterly summaries are certified by an authorized person who has responsibility for the overall operation of the site such as a project manager or site superintendent. Certification of these documents is executed by signing the certifying statements contained in **Appendix A** and at the end of the inspection reports.

6. Require the General Contractor and all Sub Contractors involved with construction activity that disturbs site soils, to fully implement the SWPPP and the requirements set forth in the SPDES General Permit. The SWPPP should be certified by the General Contractor and all Sub Contractors involved with earth disturbance during construction by signing the certifying statement in **Appendix A**.

7. Upon project completion and when the site has reached final stabilization, the Owner/Developer should sign the Notice of Termination (NOT) prepared by the Owner/Developer's Qualified Representative and submit to:

   NYSDEC "Notice of Termination"
   Bureau of Water Permits
   625 Broadway
   Albany, New York 12233-3505

8. Retain all site records and documentation including Engineering reports, SWPPP reports, SWPPP inspection reports and all records of data used to complete the NOI for a minimum of 3 years from the date the site reached final stabilization.

9. Provide an Operation & Maintenance (O&M) manual to the new Owner/Developer who is expected to conduct the necessary O&M over the life of the structures as described in Section 10.0 of this report.

Contractors and Sub-Contractors

The following is a summary of the Contractor's responsibilities:

1.0 Implement fully the SWPPP while following the Phasing Plan and the requirements set forth in the SPDES General Permit. Certify the SWPPP by signing the Contractor's Certification statement contained in **Appendix A** of this report.

2.0 Provide the names and addresses of all subcontractors' involved in construction activities that disturb site soils for inclusion in the SWPPP.

3.0 Ensure all Sub Contractors involved in construction activities that disturb site soils implement fully the SWPPP and the requirements set forth in the SPDES General Permit. All Sub Contractors must certify the SWPPP by signing the Contractor's Certification statement contained in **Appendix A** of this report.

4.0 Conduct inspections on a regular basis of the erosion and sedimentation controls installed at the site. Maintain and repair as necessary all erosion and sedimentation controls.

1.2 Participant Contact Information

Owner/Developer/Operator	Owner/Developer's Qualified Representative	Contractor's & Sub- Contractors
Admiral Halsey II, L.P. 909 Third Avenue, 21st Floor New York City, NY 10022	**LRC Engineering & Surveying, PC** 85 Civic Center Plaza, Suite 103 Poughkeepsie, NY 12601 (845) 243-2880	**TBD**

2.0 SITE DESCRIPTION

This section briefly describes existing and proposed hydrologic and hydraulic conditions at and around the project site as they relate to Surface Water Management planning considerations. Subsequent sections contain a description of the manner in which site runoff will be managed to minimize effects on areas adjacent to the site.

2.1 Location

The subject property is a 2.285 acre parcel located at 135 Main Street in the City of Poughkeepsie. The property is identified as Tax Parcel 6062-76-911183 according to the Dutchess County Parcel Access Records. The site is located on the east side of North Perry Street and the north side of Main Street. The project has UTM coordinates of 588728 Easting and 4617715 Northing. Below in ***Figure 1*** is a vicinity map showing the outer limits of the property (shown in blue).

Figure 1: Vicinity Map

The property is located within the R-6 zoning district. The site is currently developed with an existing 13 story high-rise affordable housing building (Admiral Halsey I). The site includes an existing parking area, with associated sidewalks and landscape areas.

2.2 Topography

Elevations vary slightly throughout the overall site. The sits slopes from the back northeast corner of the property down towards North Perry Street. There are existing retaining walls located in said back northeast corner that raises the elevation up in that corner.

2.3 Land Cover and Site Development

The existing land cover consists of a combination of impervious building structures, asphalt pavement, grass, and wooded areas. Currently, there is an existing 12 story building. The building is surrounded by walkways, patios, and parking for the existing building. There is a combination of grass and trees north of the building turning to a grass lawn area between the existing building. The existing water shed has 0.89 acres of impervious surface which is 38.0% of the watershed. The proposed development will have a total of 1.48 acres of impervious surface which is 63.5% of the watershed. The development is adding 0.59 acres of impervious surface. Detailed land use values for each drainage area can be found in the Hydro CAD reports included in **Appendix C**.

2.4 Soils

Soils mantling the site have been classified by the United States Department of Agriculture (USDA) Soil Survey of Dutchess County, New York. The following soils groups are present, based on the afore-noted mapping:

1. Ud: Udorthents, smoothed

According to NRCS soil hydraulic classifications Ud is a "Class A" soil. On-site deep testing and infiltration testing around the site stormwater improvements revealed, primarily, a consistent well-draining "Class A" soil type. The results of the onsite soil tests can be found in **Appendix D**.

2.5 Rainfall Data

Rainfall data utilized in the modeling and the analysis was obtained from NRCS & NRCC Extreme Precipitation in New York and New England, an interactive web tool for extreme precipitation analysis. The data used is specific to Poughkeepsie NY and various 24-hour storm events are presented below. A record of the extreme precipitation data is included in **Appendix D**.

Rainfall Data	
24-Hour Storm Event	**24-Hour Rainfall**
1-Year	2.6
2-Year	3.2
10-Year	4.7
25-Year	5.9
100-Year	8.2

2.6 Streams and Water Bodies

There are no streams or water bodies located onsite. The nearest water body is the Hudson River which is approximately 2,000 feet west of the site.. According to NYSDEC Environmental Resource Mapper and USFWS Wetland Mapper there are no ACOE or NYS DEC wetlands located on site. According to FEMA mapping there are no floodplains located onsite.

2.7 Wetlands and Floodplains

There are no wetlands or floodplains located onsite

2.8 Historical and Cultural Resources

The project area has been reviewed in accordance with Section 106 of the National Historic Preservation Act of 1966. The project will have no effect upon cultural resources in or eligible for inclusion in the National Registers of Historic Places. A letter from the New York State Office of Parks, Recreations and Historic Preservation is included in **Appendix D**.

3.0 PROJECT DESCRIPTION

The proposed development will subdivide the existing lot into two (2) proposed lots. The existing high-rise building will remain on Lot 1. A proposed 4 and 5 story affordable housing building will be constructed on Lot 2. Associated parking, sidewalks, utilities, stormwater management practices and landscaping will also be provided.

4.0 METHODOLOGY

The stormwater design approach for this project will accommodate all NYS DEC requirements and will ensure that water quality and water quantity volumes are managed accordingly. The methodology for designing the stormwater management, as well as, the erosion and sediment control structures for this project are as follows:

1. Evaluate the hydrologic condition of the tributary area using the USDA-SCS Technical Release No. 20 (June 1986) Methods.
2. Determine peak flows from each watershed, for various storm events, using the Hydro CAD computer program.
3. Determine the water quality volume, runoff reduction volume, channel protection volume, overbank flood protection volume and extreme storm flood protection volume for each drainage area that requires mitigation. Design the mitigation program to the DEC water quality and quantity methodology for each affected area.
4. Perform hydrologic routings for the selected stormwater systems using the Hydro CAD computer program. Examine and compare the output for the DEC design criteria, and also for peak elevations and peak outflows for both pre and post-development conditions as may be prescribed by the local authority.
5. Design the erosion and sedimentation control structures, and prepare engineering calculations for the design of channels and conveyance piping in accordance with the "New York Standards and Specifications for Erosion and Sediment Control", July 2016, New York State Department of Environmental Conservation".

4.1 Green Infrastructure Planning Guidelines

The proposed project has been designed to implement as many green infrastructure planning guidelines as possible. All of the guidelines are not always applicable or cannot be achieved. The planning methods are discussed below.

Preservation of Undisturbed Areas

The proposed project is located in a portion of the site that has been disturbed in the past. There are no significant undisturbed areas to place into permanent conservation.

Preservation of Buffers

There are no existing stream, river, or wetland vegetated buffers on the project site. There is a small strip of vegetation on the north and east property along the retaining wall that will be maintained as part of the project.

Reduction of Clearing and Grading

The proposed project is located in a previously disturbed area which has already been cleared in the past. This reduces the need for further clearing and grading on the property.

Locating Development in Less Sensitive Areas

As described above, the project is located in an area of the site that has been previously disturbed.

Soil Restoration

Any soil disturbed during the course of construction will be restored in accordance with the NYSDEC Stormwater Design Manual, Section 5.1.6.

Roadway Reduction

There are no proposed roads in this project.

Sidewalk Reduction

The proposed sidewalks are the minimum required by the City regulations.

Driveway Reduction

The drive aisles are the minimum required by the City Regulations.

Cul-de-sac Reduction

There are no proposed cul-de-sacs or dead ends. The layout has a continuous drive aisle to achieve sufficient vehicle access while eliminating the need for large unnecessary dead ends.

Parking Reduction

The proposed parking is less than the minimum required by the City but the correct amount required for the proposed use of the building.

5.0 HYDROLOGIC AND HYDRAULIC ANALYSIS

Stormwater Management Design has the purpose of improving the quality of surface water runoff from all impervious areas and providing retention for increased runoff quantities that may occur. For the proposed project, the appropriate methodology to manage stormwater is to capture and treat runoff for quality and quantity control for the site.

The hydrologic analysis was performed uses the Hydro CAD stormwater modeling software, and all data regarding areas has been calculated in AutoCAD. Soils information has been obtained through mapping per the NRCS Dutchess County Soils Survey, onsite deep tests and infiltration tests. The results of the Hydraulic Analysis can be found in **Appendix C**.

5.1 Proposed Runoff Treatment – Water Quality

The project has been designed to take advantage of the good soils in the location of the proposed development. By allowing stormwater runoff to infiltrate back into the ground we are able to minimize the impacts on the surround surface waters and treat the runoff through exfiltration into the sub surface soils. The evaluation of the site to determine the water quality volumetric requirements follow strictly the procedures presented in chapters 4 & 5 of the New York State Stormwater Design Manual, and is provided in full in **Appendix D**.

The table below summarizes the volumes required and provided for runoff reduction and water quality; The proposed development is primarily contained within drainage areas DA 2-9 as shown on the pre and post drainage area maps in **Appendix E**.

Water Quality Volume Calculations			STANDARD
Trib Area	1.56	ac	
Imperv Cover:	1.01	ac	
Imperv. %	64.38		
Stormwater Management Practice Selection:			
Underground Infiltration Chambers			
Uniform Sizing Criteria:			
Water Quality (WQv)	P=	1.05	
	I=	*64.4*	
	Rv=	0.6294	
	A=	1.56	
	WQv=	0.09	AC-FT
		3,749.8	CF

Minimum Runoff Reduction Requirements			
RRV = 90% rain (P) x Rv* x S x total impervious area (AI from #2) / 12			
with S = .55 (A soils); .40 (B soils); .30 (C soils); .20(D soils) OR weighted HSG average in DA			
Weighted HSG=	0.55		
Min RRV =	0.071	ac-ft	
Min RRV =	3,112.9	cu ft	

The total impervious surface created and or modified by the proposed project is 0.59 acres. The impervious surface treated by the proposed Underground Chambers totals 1.01 acres as shown in the calculations above.

Water quality requirements for the proposed project will be achieved via a runoff reduction practice. Runoff reduction practices will satisfy the minimum required runoff reduction volume (RRv) by use of direct infiltration via underground infiltration chambers. For this design the entire WQv is provided in a runoff reduction practice so 100% of the RRv will be achieved.

Design Parameters		
Select Stormtech Chamber	SC-740	
Stone Porosity (Industry Standard 40%)	40	%
Stone Foundation Depth	6	Inches
Avg Cover Over Chambers	24	Inches
Storage Volume Per Chamber	59	CF
Storage Volume Per End Cap	0	CF

UGC #	Required WQv	Required RRv	Min Chambers Required	Chambers Provied	End Caps Provided	WQv Provided	RRv Provided
1	829.9	453.0	14.1	30	6	2,807.0	2,807.0

Design Parameters		
Select Stormtech Chamber	MC-3500	
Stone Porosity (Industry Standard 40%)	40	%
Stone Foundation Depth	9	Inches
Avg Cover Over Chambers	24	Inches
Storage Volume Per Chamber	194	CF
Storage Volume Per End Cap	0	CF

UGC #	Required WQv	Required RRv	Min Chambers Required	Chambers Provied	End Caps Provided	WQv Provided	RRv Provided
2	2,161.6	1,154.9	11.1	27	6	5,440.0	5,440.0

The proposed underground infiltration chambers exceed 100 percent of the required WQv and RRv.

Pretreatment

For underground infiltration practices designed to treat stormwater runoff through infiltration, the stone bed surface area is the mechanism to provide treatment. The system must be sized to store runoff long enough it can be infiltrated into the subsurface soils. Pretreatment is required to prevent sediments from clogging the stone bed and preventing infiltration. For underground chambers pretreatment is typically provided in isolator rows.

5.2 Proposed Stormwater Management – Water Quality

The design observation points have been modeled in Hydro CAD and represents the total flow leaving the project drainage areas. Four different drainage points have been evaluated based on the proposed

site development. The drainage analysis points are shown on the pre and post drainage area maps in **Appendix E.** The table below displays the peak discharge rates for the design points and demonstrates that discharge rates for post construction are less than or equal to what is currently produced at the design points meeting the requirements of Overbank Flood Protection and Extreme Flood protection.

Channel Protection Volume is not required if the Runoff Reduction volume is reduced onsite through runoff reduction techniques or infiltration practices.

Peak Flow Discharge Rate DP-1			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	1.3	1.2	**-0.1**
2	1.9	1.7	**-0.1**
10	3.5	3.3	**-0.2**
100	7.6	7.3	**-0.3**

Peak Flow Discharge Rate DP-2			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	0.5	0.2	**-0.3**
2	0.7	0.3	**-0.5**
10	1.3	0.5	**-0.8**
100	2.7	1.1	**-1.6**

Peak Flow Discharge Rate DP-3			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	0.3	0.2	**-0.2**
2	0.5	0.2	**-0.3**
10	1.0	0.4	**-0.6**
100	2.1	0.9	**-1.3**

Peak Flow Discharge Rate DP-4			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	0.0	0.2	**0.2**
2	0.0	0.4	**0.3**
10	0.7	0.7	**0.1**
100	3.5	1.7	**-1.8**

Peak Flow Discharge Rate OVERALL			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	2.2	1.8	**-0.4**
2	3.1	2.6	**-0.6**
10	6.5	5.0	**-1.5**
100	16.0	10.9	**-5.0**

6.0 PERMANENT STORMWATER MANAGEMENT FEATURES

6.1 Conveyance Piping

Storm runoff from developed areas will be conveyed to and through the stormwater system by a series of underground piping and surface flows. Due to relatively small watershed areas associated with each catch basin, the SCS Unit Hydrograph TR-55/TR-20 Method and inlet capacities for circular pipes were used for pipe sizing. In general, piping is designed such that:

- All proposed piping is sized to accommodate the peak flow from the 25-year 24-hour storm, as prescribed by the local authority.
- Flow capacity is sufficient to convey runoff to the receiving discharge points
- Strength is sufficient to withstand the soil cover and vehicle loads.
- In some instances the existing site drainage system is not capable of conveying all of the runoff contributing to the drainage structure. The model shows that the basins fill and sheet flow overland to the next available drainage structure in large storm events. In no cases does the "surcharging" exceed 6 inches. In these locations the post condition has been improved to convey the flow or reduce the "surcharging".

6.2 Stormtech Underground Infiltration Chambers

Stormtech underground infiltrator units are design to detain runoff and allow it to infiltrate into the existing site soils. Infiltrator chambers are ideal on sites with well-draining soils and limited open areas for open air vegetated practices. Infiltrator chambers provide storage within the chamber and within the voids that existing in the stone media surrounding the units.

- Flow capacity is sufficient to infiltrate into existing soils.
- Strength is sufficient to withstand the soil cover and vehicle loads.
- Isolator row is accessible via storm structure and 24" diameter conveyance piping.

7.0 STORMWATER EROSION AND SEDIMENT CONTROLS

Several types of permanent and temporary storm water pollutant controls are required to be installed and implemented for pre-construction, during construction and post-construction as shown on the Construction Plans and per the NYSDEC SPDES General Permit. Guidelines and recommendations can be found in the "New York State Standards and Specifications for Erosion and Sediment Control."

The permanent storm water management system has been designed to accommodate peak storm flows utilizing catch basins, piping and grass swales.

Selection of temporary storm water controls will be on an "as needed basis" and will depend on the specific conditions of the site. Since site characteristics can change significantly during construction, it is important to monitor the site regularly to ensure the proper selection and implementation of the necessary controls. These controls include, but are not limited to, silt fence, drainage swales, check dams, hay bales, stone construction entrances, sediment traps and seeding and mulching.

7.1 Erosion and Sediment Controls

Temporary Stabilization

Silt fences, drainage swales, stabilized stone construction entrances, erosion control blankets, and seeding and mulching, as well as, other controls will be utilized as temporary surface water management features. See the Erosion and Sediment Control Plan(s) and details sheets for the location, size, quantity and details of the temporary stormwater management features as described below.

Silt Fence

Silt fence will be used as necessary to reduce the sediment load in the receiving drainage ditches and as a perimeter sediment control device. In addition, silt fencing will be placed on the downslope sides of all disturbed areas 5 ft. from the toe of the slope until more permanent drainage and erosion control structures are established. In cases with environmentally sensitive areas adjacent to the downslope sides of disturbed areas, silt fencing should be placed at the toe of the slope outside the sensitive area. All silt fence are to be 36" minimum length with built in woven wire mesh (min. 6X6 14 ½ gauge) unless otherwise specified on the construction details.

Inlet Protection

Storm drain inlet protection measures prevent soils, sediment, and debris from entering storm basins. In unpaved areas inlet protection shall consist of a row of silt fence completely encircling the drain inlet. In paved areas inlet protection can consist of stone and block, silt sox, or hanging filter traps as specified on the plans.

Stabilized Stone Construction Entrance

A construction entrance is used at all entrances and exists to construction activities. The stone construction entrance is stabilized to reduce tracking of mud and dirt onto surrounding roads and surfaces.

Erosion Control Blanket

Erosion control blankets are used on steep slopes to provide adequate protection after the slopes has been graded and prior to the establishment of proper vegetation. Blankets are made from many forms of materials and products. Refer to the site specific details for the erosion control blankets to be used for this job. Erosion control mats are required on all slopes which exceed 1V:2H.

Seeding and Mulching

Seeding and mulching is one of the most important and underutilized erosion control practices. Exposed earths pose the greatest risks for erosion and sediment. In areas where soil disturbance activity has temporarily or permanently ceased, the application of soil stabilization measures must be initiated by the end of the next business day and completed within fourteen (14) days from the date the current soil disturbance activity ceased. Temporarily Ceased means that an existing disturbed area will not be disturbed again within 14 calendar days of the previous soil disturbance.

Soil Stockpile

A soil stockpile is formed with soil excavated to provide proper building elevations. Stockpiled soil is later used to contour the surface to the desired grades, removed from the site, or the material is used for reclamation/restoration of the region following the removal of roads and facilities. All soils piled onsite must be completely enclosed by silt fence around the toe of the slope. The site fence should be installed a minimum of 2 feet from the toe of the slope. The soil pile should have a maximum side slope of 1V:2H. All soil piles must be stabilized with seed and mulch or covered with a plastic tarp if the soil will not be used within fourteen (14) days from the date the current soil pile was created.

Permanent Stabilization

Permanent stormwater stabilization measures include catch basins, piping and other stormwater structures as described in sections 5 and 6. In all instances, the structures associated with the stormwater management system have been sized to accommodate peak flows from the appropriate storm events as required by the governing municipality. All lawns, basins and swales will be permanently seeded and mulched and maintained as necessary to prevent over growth.

Concrete Washout Areas

Concrete washouts are used to contain concrete and liquids when the chutes of concrete mixers and hoppers are cleaned after a delivery. The washout facility consolidates the liquids and allows them to harden for easy disposal. This prevents contaminated liquids from flowing offsite or leaching into the groundwater aquifer.

7.2 Other Pollutant Controls

Paints and Solvents

During construction temporary structures such as construction trailers may be moved on site to store items such as paints, solvents and gasoline pertinent to the continuation of construction activities. The intention of these structures is to shelter potential contaminants from stormwater and reduce the potential of toxic chemicals from entering the stormwater runoff due to construction activities.

Solvents and detergents that will be used for regular cleaning and maintenance of construction vehicles or temporary structures may be stored on-site. Solvents shall be used in cleaning machinery pursuant to 6 NYCRR Part 750. After use, solvents shall be disposed of in approved containers and removed from site at scheduled intervals.

Fuels

Fuel for construction equipment shall either be obtained from a licensed distributor of petroleum products or from an approved above ground storage tank on site. A distributor may be contracted to arrive on site periodically and fill all equipment as necessary. All distributors of petroleum products must have adequate liability insurance to mitigate and clean up any spills that occur on site as well as obtain appropriate permits and licenses from the NYSDEC. All above ground storage tanks with a combined capacity of 1,100 gallons shall be registered with the NYSDEC pursuant to 6 NYCRR Part 614 Standards for New and Substantially Modified Petroleum Storage Facilities.

Fuel from construction vehicles may come into contact with stormwater when vehicles are stored outside. Good housekeeping and preventative maintenance procedures shall be implemented to ensure fuel spills and leaks are minimized during refueling and storage. Any small-scale fuel or oil spills must be remedied immediately and contaminated soils shall be disposed of appropriately. A licensed spill prevention and response team shall handle large-scale gasoline spills.

Oil and other petroleum products may be stored on site, in limited quantities, to ensure the continued operation of construction equipment in the event a scheduled delivery is unavailable. Items shall be stored in their original containers within temporary structures and shall not be exposed to stormwater. Used oil and petroleum products shall be stored in approved containers until recycled or disposed of at an approved disposal facility.

Temporary Facilities

Temporary sanitary facilities may be located on site for construction workers. This facility shall be located in an accessible and visible location. Such a facility shall be leak and tip proof. A waste management company may be contracted to arrive on site and provide the routine pumping and sanitization of the facility. Such a company shall have adequate liability insurance to mitigate and clean up any spills that occur on site as well as appropriate permits and licenses from the NYSDEC.

Dust Control

Construction vehicles shall enter and exit the site at the stabilized construction entrance. The construction entrance will trap dust and mud that would otherwise be carried off-site by construction traffic. Water trucks will be used as needed during construction to reduce dust generated on the site. The general contractor will provide dust control in compliance with applicable local and state dust control regulations. The construction entrances will be maintained during the life of the construction and repaired, and/or cleaned, periodically to ensure proper function.

Dewatering

If dewatering is required the water must be free of silt and sediment prior to discharge offsite or to any existing water bodies. If sediment is present, methods of sediment removal may include, but are not limited to; silt bags, temporary sediment traps, temporary sediment basins, or sheet flow across stabilized vegetated surfaces. As the quantity and quality of water cannot accurately be determined prior to excavation dewatering practices must be determined during construction and should be approved by the site engineer prior to commencing any dewatering activities.

Solid Waste

No solid materials are allowed to be discharged from the site with stormwater. All solid waste shall be collected and placed in containers. The containers will be emptied periodically by a contract trash disposal service and hauled away from the site.

Thermal Pollution

Stormwater that comes in contact with roadways, driveways, parking lots or other impermeable surfaces may increase in temperature during warm weather. If stormwater is discharged into surface water bodies, the temperature of the water body may also increase, potentially threatening plant and animal species sensitive to temperature changes as well as providing an environment that may cause nuisance species to flourish.

After development is complete, impervious areas shall be graded to channel water to catch basins and culverts, which in turn convey stormwater to the stormwater management basin. All stormwater shall be stored and treated within the basins and shall be released over a 24 hour period, which shall minimize the potential for raising the temperature of any downstream water bodies.

7.3 Best Management Practices

Throughout construction, care shall be taken to ensure sediment does not enter surface water bodies and chemicals do not enter stormwater, potentially contaminating surface and groundwater supplies. The following Best Management Practices (BMP) shall be observed to maintain responsible environmental practices on the construction site.

Good Housekeeping

Good housekeeping is essential to reducing the risk of contaminating runoff waters during every stage of construction. The General Contractor shall ensure supervisors train each employee in good housekeeping practices as they pertain to the implementation of this SWPPP.

Immediately following mobilization, the General Contractor shall take an inventory of all equipment and containers containing hazardous or toxic materials and submit this inventory to the Owner/Developer to keep on-site with this Stormwater Pollution Prevention Plan. This inventory shall be updated regularly to reflect changes in the quantity or type of hazardous and toxic materials stored on site. In the event of a spill, the Spill Response Team can refer to the inventory if the contents of the spill are unknown.

All equipment shall be operational while it is stored on site. Inspections shall be conducted regularly to ensure all equipment is free of leaks and that oil and grease are not in contact with soils or stormwater. Portable equipment such as chain saws, drills, as well as hand tools, must be placed within a trailer or under cover at the end of each work day.

A storage area shall be designated on-site where all hazardous or toxic materials are stored. Each employee shall return the materials to the designated storage area following use. Chemicals including oil, grease, solvents and detergents shall be stored on-site in approved containers only. Used chemicals shall be disposed of in refuse containers and removed periodically. Containers shall be regularly inspected to ensure the integrity of the container and sealed to prevent leaks.

A scheduled clean-up shall occur at the end of each workweek. During this clean up, empty containers of solvents, oils, grease, paints and detergents shall be disposed of, containers of gasoline shall be placed in trailers where they are not in contact with stormwater and the inventory shall be updated. Empty containers shall not be permitted on the ground.

Preventative Maintenance

All on-site vehicles must be inspected regularly for oil and grease leaks. All leaks shall be repaired immediately upon obtaining the appropriate equipment. If the leak cannot be fixed immediately, it shall be temporarily mitigated to prevent the flow of contaminants onto the soil and potentially into the stormwater. If necessary, the reservoir will be drained to stop the flow of contaminants or the vehicle will be moved under cover. Drip pans shall be used when performing any maintenance or cleaning on construction vehicles.

Spill Prevention and Response

The safety of employees and neighbors shall be of utmost concern when hazardous or toxic chemicals are stored or utilized on-site. Safety Data Sheets (SDS) shall be obtained for all toxic or hazardous substances that are stored on-site to provide employees with a valuable database in assessing risk in the event of a spill.

Any above ground storage tanks on site shall be installed pursuant to 6 NYCRR Part 614. According to the New York State "Minimum Standards for New and Substantially Modified Above Ground Storage Facilities", all tanks installed must meet or exceed the design criteria in one or more of the following design or manufacturing standards: UL No. 142, UL No. 58, API Standard No. 650, API Standard No. 620, CAN4-S601-M84 or CAN4-S630-M84. Tanks constructed of wood, concrete, aluminum, fiberglass reinforced plastic as well as riveted or bolted steel tanks are not permitted. All tanks must have installed leak detection systems, secondary containment, corrosion protection, and undergo periodic monitoring pursuant to all Part 614 requirements.

Should a spill occur, a licensed spill contractor will be contacted to mitigate the potential negative effects of a spill. Additionally, the NYSDEC must be notified of a release of petroleum products. The General Contractor shall have trained employees knowledgeable in the location of sorbent, brooms, rags and mops in the event of a small-scale spill. An inventory of equipment and its location shall be posted in a visible location as well as kept in proximity to this Pollution Prevention Plan. If the General Contractor does not have Hazardous Materials trained employees on site, a firm that specializes in handling spills, soil and water contamination shall be called.

After a spill occurs, all personnel not trained in hazardous materials spill response shall be asked to evacuate the immediate area. The NYSDEC Spill Response Team shall be called to investigate the spill and determine if additional actions should be taken to ensure the safety of personnel and nearby residents. Should any employee have a suspected injury, a local emergency squad must be contacted immediately.

8.0 CONSTRUCTION SEQUENCE SCHEDULING

The scale of site construction does not necessitate that this project be a phased construction project; However, the construction will be sequenced to limit the exposed soils to reduce the amount of sediments in runoff water and ultimately preserve the quality of surface waters. The construction method selected is designed to combine development with responsible land management as well as protection of sensitive environments both within the proposed development and the surrounding area.

Temporary and permanent stabilization methods will be implemented before construction begins and will be continuously modified throughout the project to provide the best methods for stormwater management and pollution prevention. For more details pertaining to construction sequence, please refer to the "NYSDEC Instruction Manual for Stormwater Construction Permit" pages 23-26. A typical and sample ordering of site construction activities is as follows:

<u>Pre-Construction Activities</u>

- Identify all natural resources and mark and protect them as necessary i.e trees, vegetation, limits of disturbance.
- Identify on-site and downstream surface water bodies and install controls to protect them from sedimentation.
- Establish temporary stone construction entrance pads to capture mud and debris from the tires of construction vehicles.
- Install perimeter sediment controls such as silt fences, as shown on the project plans.
- Install temporary construction fencing as shown on the project plans or as directed by the site engineer.
- All earth disturbances during this phase should be limited to work necessary to install erosion and sedimentation controls.

During Construction Activities

- Complete building demolition in accordance with notes and procedures identified on the demolition plan.
- As site grading is completed install runoff and drainage controls as shown on the project plans and as necessary. These controls should reduce run-off flow rates and velocities, as well as, divert off site and clean run-off.
- Stabilize the conveyance system i.e. ditches, swales, berms etc. by seeding, mulching and installing rock check dams.
- Utilize practices to infiltrate stormwater runoff as much as possible when applicable.
- Stabilize all stormwater runoff outlets as shown on the project plans and as necessary.
- Limit soil disturbance to small areas and preserve as much of the existing vegetation as practical.
- Complete all underground utility improvements prior to installation of hard surface improvements.
- All topsoil stockpiles should be staged in an area away from surface waters and storm drains and should be protected and stabilized.
- Earth disturbance is not allowed in established buffers, within any regulated distance from wetlands, or within the high water line of a body of water affected by tidal action or other such protected zones.
- At any location where surface run-off from disturbed or graded areas may flow off-site, sedimentation control measures must be installed to prevent sedimentation from being transported.
- Regular inspections and maintenance should be performed as described in the following section.

Post-Construction Activities

- Identify the permanent structural or non-structural practices that will remain on the site.
- Provide an Operation & Maintenance (O&M) manual to the new Owner/Developer who is expected to conduct the necessary O&M over the life of the structures as described in Section 10.0 of this report.

9.0 IMPLEMENTING THE SWPP

9.1 Employee Training

All employees involved in site-development activities shall be aware of the stipulations outlined in this SWPPP as it pertains to their everyday activities. All such employees must be able to recognize potential problems and have the ability to provide either temporary or permanent stabilization measures, as appropriate, to mitigate stormwater runoff before problems occur. The NYSDEC periodically holds workshops on erosion and sediment control. It is recommended that the affected and responsible on-site personnel attend these workshops to ensure training is current and up to date. Contact the NYSDEC for more information.

9.2 Site Inspections

The Owner/Developer must have a qualified professional conduct an assessment of the site prior to the commencement of construction and certify in an inspection report that the appropriate erosion and sediment controls described in this SWPPP have been adequately installed or implemented to ensure overall preparedness of the site for the commencement of construction. A qualified professional is defined as a Professional Engineer or Landscape Architect licensed to practice in New York State, or is a Certified Professional in Erosion and Sediment Control (CPESC). Once construction begins regular

inspection of construction activities by the qualified professional are required at least once every 7 days to ensure deficiencies regarding erosion and sedimentation are reported and corrected. It is the responsibility of the Contractor to continuously monitor construction activities to ensure the measures outlined in this report are being implemented.

Areas which have not been fully stabilized, areas used for materials storage and all structural control measures must be inspected once every 7 calendar days to monitor erosion and assess the risk of sedimentation. For sites where soil disturbance activities are on-going and the owner operator has received authorization in accordance with Part II.C.3 to disturb greater than five (5) acres of soil at any one time, the qualified inspector shall conduct at least two (2) site inspections every seven (7) calendar days. The two (2) inspections shall be separated by a minimum of two (2) full calendar days. For areas construction sites where soil disturbance activities have been temporarily suspended (e.g. winter shutdown) and temporary stabilization measures have been applied to all disturbed areas, the qualified inspector shall conduct a site inspection at least once every (30) calendar days.

A thorough site evaluation shall be performed to determine the continued applicability of the permit, and assess the need to make any changes that have not already been reflected in this SWPPP. The SWPPP shall be reviewed to evaluate its overall effectiveness in preventing sediment laden stormwater runoff. Temporary and permanent stabilization methods shall be assessed and new methods shall be established, should any method be determined to be inadequate.

A copy of the SWPPP must be maintained on site at all times in the field log book. The Owner/Developer must maintain a record of all inspection reports with the on site SWPPP. The SWPPP and inspection reports must be maintained on site and be made available to the permitting authority upon request.

9.3 Maintenance

It shall be necessary to maintain all temporary controls installed as well as vegetative measures across the site. Maintenance shall also be necessary to ensure the permanent structural features, such as underground chambers, catch basins and conveyance piping remain optimally functional and continue to reduce the risk of sediment loading of surface water bodies. All controls shall be repaired or replaced as necessary and as noted on the inspection reports as prepared by the Owner/Developer's Qualified Representative.

During construction, maintenance of these stabilization measures shall be the responsibility of the General Contractor or appropriate Sub Contractors. Vegetative plantings must not be allowed to become overgrown. Vegetation shall be removed should it be ineffective and be replaced with a variety of grasses, trees and shrubs more suitable for preventing stormwater runoff. Silt fences must be inspected regularly to ensure that they are still effective and their capability to reduce stormwater runoff has not been reduced due to prolonged sun exposure.

Piping and catch basin sumps shall be cleaned out periodically to prevent the collection of sediment that will reduce the maximum flow. Sediment must be removed from sediment basins, infiltration basins or traps whenever their capacity has been reduced by 50 percent of their design capacity.

Guidelines and recommendations for installation and maintenance practices can be found in the "New York State Standards and Specifications for Erosion and Sediment Control"

9.4 Progress Reports and Summaries

Progress reports shall be completed by the General Contractor and all Sub Contractors weekly to document any conditions, which may affect adherence to the construction schedule and may ultimately result in changes to the stormwater pollution prevention plan.

Each progress report must contain the project, date, weather conditions and a brief description of progress made throughout the week, including the use of temporary and permanent stabilization measures on all exposed soils. The progress reports shall be filed with this SWPPP in the on-site log book.

Additionally, as described in Section 1.1 of this report, the Owner/Developer's Qualified Representative will prepare weekly inspection reports and quarterly summaries. These reports should be maintained in the on site log book as well.

9.5 Certification

Prior to starting construction, the Owner/Developer must certify that to the best of their knowledge this SWPPP was prepared in accordance with the requirements in the NYSDEC SPDES General Permit and that it meets all federal, state and local erosion and sediment control requirements. The certifying statement is presented in **Appendix A** of this report.

The General Contractor and all appropriate Sub Contractors are responsible for reading and understanding the SWPPP and are also required to certify the SWPPP by signing the certifying statement presented in **Appendix A** of this report.

All inspection reports and inspection quarterly summaries are to be certified by an authorized person who has responsibility for the overall operation of the site such as a project manager or site superintendent. Certification of these documents is executed by signing the certifying statements presented at the end of the inspection reports.

10.0 POST CONSTRUCTION INSPECTION & MAINTENANCE

Post-construction, regularly scheduled inspections and maintenance will be necessary to ensure the permanent structural features such as the stormwater management basins and the conveyance system components remain optimally functional and continue to reduce the risk of sediment loading of surface water bodies. Follow manufactures guidelines and the detailed construction installation and maintenance guidelines included in **Appendix A** for all stormwater management practices.

When construction is complete, the Contractor will remain responsible for the site until the entire site has reached final stabilization. The site is considered stabilized when all soil disturbing activities have been completed and a uniform, perennial vegetative cover, with a density of 80%, has been established or equivalent stabilization measures, such as the use of mulches or geotextiles, have been employed on all unpaved areas and areas not covered by permanent structures. Weekly inspections should continue until the site has reached this point.

At the time of final stabilization, the Owner/Developer's Qualified Representative shall perform a final inspection of the site and certify that the site has successfully undergone final stabilization using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls such as silt fence, not needed for long term use, have been removed. All storm water practices must be clean and free of sediment and or debris or must be cleaned by the contractor prior to turning the maintenance

responsibilities over to the Owner/Developer. At this point, the Owner/Developer is responsible for the following:

1. Submit to the NYSDEC a NOT prepared by the Owner/Developer's Qualified Representative as described in Section 1.1 of this report.
2. Identify all the permanent stormwater management structures that have been constructed and provide the New Owner/Developer with an Operations and Maintenance (O&M) manual that will be necessary in order for the structures to function properly after the site has been stabilized. Section 10.0 of this report satisfies the O&M requirements
3. Transfer the Water Quality and Quantity Report and SWPPP to the New Owner/Developer.
4. Certify that the permanent structures have been constructed as described by this plan and the drawings.

The new Owner/Developer shall overtake responsibility of inspecting and maintaining drainage and erosion control features over the lifetime of the structures. Maintenance personnel, employed by the New Owner/Developer, must be aware of the SWPPP and should be trained to recognize signs that stabilization measures may not be performing optimally or are failing. The inspection of on-site stabilization measures will become part of routine preventative maintenance practiced by the New Owner/Developer and his employees.

10.1 Inspection

Overall Site Inspection

The overall site, embankments, vegetation and stormwater conveyance system components including catch basins, culverts, swales and outlets should be inspected regularly. The inspections should include but are not limited to:

1. Density and condition of vegetation and ground cover.
2. Erosion, differential settlement or cracking of embankment.
3. Bulging or sliding of toe of embankments.
4. Sedimentation of on-site or downstream water bodies.
5. Sedimentation of culverts or swales.
6. Sedimentation of lawn areas, paved areas, within the sand filter units or catch basin sumps.
7. Accumulation of pollutants, including oils or grease in catch basin sumps.
8. Damage or fatigue of storm sewer structures or associated components.

Water Quality Practice Inspection (if applicable)

All water quality practices and all associated features should be inspected regularly. The inspections should include but are not limited to:

1. Density and condition of vegetation and ground cover.
2. All features of the practice should be clear of brush and tree growth.
3. Erosion, differential settlement or cracking of basin embankments.
4. Bulging or sliding of toe of embankments.
5. Presence of animal burrows.
6. Evidence of clogging or sedimentation at inlets or outlets.
7. Erosion of the flow path through the detention basin.
8. Spillways should be inspected for structural integrity.
9. Spillways should be clear of obstructions.
10. Inlet/outlet riprap should be inspected for scour and dislodged stones and obstructions should be removed.
11. Accumulation of sediments at inlets, outlets and silt traps.

Detailed inspection checklists for each of the Stormwater Management Practices can be found in **Appendix A**.

10.2 Maintenance

Overall Site Maintenance

Maintaining vegetative and structural measures for soil protection is necessary to keep the storm water system functioning properly. Maintenance should occur on a regular basis and should include but is not limited to:

Seasonal Maintenance

1. Vegetated areas should be maintained to promote vigorous and dense growth. Lawn areas should be mowed at least three times a year but may require more frequent mowing's depending on the growth rate.
2. Trees and unwanted vegetation should be removed from inlet structures, outlet structures, banks, and berms to prevent clogging or weakening of the berms and structures.
3. Paved areas should be swept at least twice a year and in the early spring for removal of deicing materials.
4. Accumulation of litter and debris should be removed during each mowing or sweep operation.
5. Structural components of the storm sewer system such as culverts and catch basins which require repair or replacement should be addressed immediately following identification.
6. Cleanout of catch basin sumps should occur when accumulation of sediments and debris are within six inches of the catch basin outlet pipe.
7. Swale and drainage way maintenance will include periodic mowing, occasional spot reseeding and weed control. Weeds and woody plants should be eradicated or cut back since they reduce the efficiency of the drainage way.
8. Rip rap lined inlet and outlets that show signs of scour should be repaired. Weed and brush growth at the inlets and outlets should be controlled as needed.

Winter Maintenance

1. Remove snow and ice from inlet structures, basin inlet and outlet structures and away from culvert end sections.
2. Snow removed from paved areas should not be piled at inlets/outlets of the stormwater management basin.
3. Use of deicing materials should be limited to sand and environmentally friendly chemical products. Use of salt mixtures should be kept to a minimum.
4. Sand used for deicing should be clean, course material free of fines, silt, and clay.
5. Materials used for de-icing should be removed during the early spring by sweeping and/or vacuuming.

Underground Practices Maintenance

1. A consistent schedule of inspection shall be observed for all system components to insure continued effective operation.
2. Areas surrounding the surface access points shall be kept clear of overgrowth.
3. All inspections shall be logged. A specific schedule, on a quarterly basis, shall be maintained by the system owner/operator and a periodic replacement of the water quality practice media shall be schedule for minimally every two years.
4. Accumulation of litter and debris should be removed during each mowing or sweep operation.

5. Structural components of the system which require repair or replacement should be addressed immediately following identification.
6. Spillways should be cleared of obstructions.
7. Inlet/outlet riprap damage due to scour should be repaired.

For any proprietary practices refer to manufacturer specifications for additional maintenance requirements. Detailed maintenance checklists for each of the Stormwater Management Practices can be found in **Appendix A**.

11.0 CONCLUSION

The Engineer has designed a NYSDEC-compliant Stormwater Management Plan for the Admiral Halsey II project. Overall, the proposed stormwater management system reduces and/or eliminates the impacts of the proposed development by controlling and treating stormwater through the use of catch basins, storm-sewer piping, and underground infiltration chambers. Offsite storm discharges and velocities for the proposed project are less than what currently exists. The stormwater management system will function adequately and will not adversely affect adjacent or downstream properties provided it is constructed and maintained as outlined in this plan and as shown on the site plans.

APPENDIX A

Construction Site Log Book
Owner/Developer and Contractor Certification Forms
Pre/Duration Construction Maintenance Inspection Checklists (NYSDEC Sample)
Post Construction Operation and Maintenance

STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM
FOR CONSTRUCTION ACTIVITIES

CONSTRUCTION SITE LOG BOOK

Table of Contents

I. Pre-Construction Meeting Documents.

a. Preamble to Site Assessment and Inspections

b. Operator’s Certification

c. Qualified Professional's Credentials & Certification

d. Pre-Construction Site Assessment Checklist

a.

II. Construction Duration Inspections

a. Directions

b. Modification to the SWPPP

III. Monthly Summary Reports

IV. Monitoring, Reporting, and Three-Month Status Reports

a. Operator’s Compliance Response Form

a

Properly completing forms such as those contained in this document meet the inspection requirement of NYSDEC SPDES GP for Construction Activities. Completed forms shall be kept on site at all times and made available to authorities upon request.

I. PRE-CONSTRUCTION MEETING DOCUMENTS

Project Name _____

Permit No. _____**Date of Authorization**_____

Name of Operator _____

Prime Contractor _____

a. Preamble to Site Assessment and Inspections -The Following Information To Be Read By All Person's Involved in The Construction of Stormwater Related Activities:

The Operator agrees to have a qualified professional[1] conduct an assessment of the site prior to the commencement of construction[2] and certify in this inspection report that the appropriate erosion and sediment controls described in the SWPPP have been adequately installed or implemented to ensure overall preparedness of the site for the commencement of construction.

Prior to the commencement of construction, the Operator shall certify in this site logbook that the SWPPP has been prepared in accordance with the State's standards and meets all Federal, State and local erosion and sediment control requirements.

When construction starts, site inspections shall be conducted by the qualified professional at least every 7 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater (Construction Duration Inspections). The Operator shall maintain a record of all inspection reports in this site logbook. The site logbook shall be maintained on site and be made available to the permitting authorities upon request. The Operator shall post at the site, in a publicly accessible location, a summary of the site inspection activities on a monthly basis (Monthly Summary Report).

The operator shall also prepare a written summary of compliance with this general permit at a minimum frequency of every three months (Operator's Compliance Response Form), while coverage exists. The summary should address the status of achieving each component of the SWPPP.

Prior to filing the Notice of Termination or the end of permit term, the Operator shall have a qualified professional perform a final site inspection. The qualified professional shall certify that the site has undergone final stabilization[3] using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls (such as silt fencing) not needed for long-term erosion control have been removed. In addition, the Operator must identify and certify that all permanent structures described in the SWPPP have been constructed and provide the owner(s) with an operation and maintenance plan that ensures the structure(s) continuously functions as designed.

1 "Qualified Professional means a person knowledgeable in the principles and practice of erosion and sediment controls, such as a Certified Professional in Erosion and Sediment Control (CPESC), soil scientist, licensed engineer or someone working under the direction and supervision of a licensed engineer (person must have experience in the principles and practices of erosion and sediment control).

2 "Commencement of construction" means the initial removal of vegetation and disturbance of soils associated with clearing, grading or excavating activities or other construction activities.

3 "Final stabilization" means that all soil-disturbing activities at the site have been completed and a uniform, perennial vegetative cover with a density of eighty (80) percent has been established or equivalent stabilization measures (such as the use of mulches or geotextiles) have been employed on all unpaved areas and areas not covered by permanent structures.

b. Operators Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Further, I hereby certify that the SWPPP meets all Federal, State, and local erosion and sediment control requirements. I am aware that false statements made herein are punishable as a class A misdemeanor pursuant to Section 210.45 of the Penal Law. "

Name (please print):_____

Title _____ **Date:**_____

Address: _____

Phone: _____ **Email:**_____

Signature:_____

c. Qualified Professional's Credentials & Certification

" I hereby certify that I meet the criteria set forth in the General Permit to conduct site inspections for this project and that the appropriate erosion and sediment controls described in the SWPPP and as described in the following Pre-construction Site Assessment Checklist have been adequately installed or implemented, ensuring the overall preparedness of this site for the commencement of construction."

Name (please print):_____

Title _____ **Date:**_____

Address: _____

Phone: _____ **Email:**_____

Signature:_____

d. Pre-construction Site Assessment Checklist (NOTE: Provide comments below as necessary)

1. Notice of Intent, SWPPP, and Contractors Certification:

Yes No NA

[ ] [ ] [ ] Has a Notice of Intent been filed with the NYS Department of Conservation?
[ ] [ ] [ ] Is the SWPPP on-site? Where?_____
[ ] [ ] [ ] Is the Plan current? What is the latest revision date?_____
[ ] [ ] [ ] Is a copy of the NOI (with brief description) onsite? Where?_____
[ ] [ ] [ ] Have all contractors involved with stormwater related activities signed a contractor's certification?

Pre-construction Site Assessment Checklist (continued)

2. Resource Protection

Yes No NA

[ ] [ ] [ ] Are construction limits clearly flagged or fenced?

[ ] [ ] [ ] Important trees and associated rooting zones, on-site septic system absorption fields, existing vegetated areas suitable for filter strips, especially in perimeter areas, have been flagged for protection.

[ ] [ ] [ ] Creek crossings installed prior to land-disturbing activity, including clearing and blasting.

3. Surface Water Protection

Yes No NA

[ ] [ ] [ ] Clean stormwater runoff has been diverted from areas to be disturbed.

[ ] [ ] [ ] Bodies of water located either on site or in the vicinity of the site have been identified and protected.

[ ] [ ] [ ] Appropriate practices to protect on-site or downstream surface water are installed.

[ ] [ ] [ ] Are clearing and grading operations divided into areas <5 acres?

4. Stabilized Construction Entrance

Yes No NA

[ ] [ ] [ ] A temporary construction entrance to capture mud and debris from construction vehicles before they enter the public highway has been installed.

[ ] [ ] [ ] Other access areas (entrances, construction routes, equipment parking areas) are stabilized immediately as work takes place with gravel or other cover.

[ ] [ ] [ ] Sediment tracked onto public streets is removed or cleaned on a regular basis.

5. Perimeter Sediment Controls

Yes No NA

[ ] [ ] [ ] Silt fence material and installation comply with the standard drawing and specifications.

[ ] [ ] [ ] Silt fences are installed at appropriate spacing intervals

[ ] [ ] [ ] Sediment/detention basin was installed as first land disturbing activity.

[ ] [ ] [ ] Sediment traps and barriers are installed.

6. Pollution Prevention for Waste and Hazardous Materials

Yes No NA

[ ] [ ] [ ] The Operator or designated representative has been assigned to implement the spill prevention avoidance and response plan.

[ ] [ ] [ ] The plan is contained in the SWPPP on page _____

[ ] [ ] [ ] Appropriate materials to control spills are onsite. Where? _____

II. CONSTRUCTION DURATION INSPECTIONS

a. Directions:
Inspection Forms will be filled out during the entire construction phase of the project.
Required Elements:

(1) On a site map, indicate the extent of all disturbed site areas and drainage pathways. Indicate site areas that are expected to undergo initial disturbance or significant site work within the next 14-day period;

(2) Indicate on a site map all areas of the site that have undergone temporary or permanent stabilization;

(3) Indicate all disturbed site areas that have not undergone active site work during the previous 14-day period;

Inspect all sediment control practices and record the approximate degree of sediment accumulation as a percentage of sediment storage volume (for example, 10 percent, 20 percent, 50 percent);

(5) Inspect all erosion and sediment control practices and record all maintenance requirements such as verifying the integrity of barrier or diversion systems (earthen berms or silt fencing) and containment systems (sediment basins and sediment traps). Identify any evidence of rill or gully erosion occurring on slopes and any loss of stabilizing vegetation or seeding/mulching. Document any excessive deposition of sediment or ponding water along barrier or diversion systems. Record the depth of sediment within containment structures, any erosion near outlet and overflow structures, and verify the ability of rock filters around perforated riser pipes to pass water; and

(6) Immediately report to the Operator any deficiencies that are identified with the implementation of the SWPPP.

SITE PLAN/SKETCH

Inspector (print name)	**Date of Inspection**
Qualified Professional (print name)	**Qualified Professional Signature**

The above signed acknowledges that, to the best of his/her knowledge, all information provided on the forms is accurate and complete.

Maintaining Water Quality

Yes No NA

[ ] [ ] [ ] Is there an increase in turbidity causing a substantial visible contrast to natural conditions?

[ ] [ ] [ ] Is there residue from oil and floating substances, visible oil film, or globules or grease?

[ ] [ ] [ ] All disturbance is within the limits of the approved plans.

[ ] [ ] [ ] Have receiving lake/bay, stream, and/or wetland been impacted by silt from project?

Housekeeping

1. General Site Conditions

Yes No NA

[ ] [ ] [ ] Is construction site litter and debris appropriately managed?

[ ] [ ] [ ] Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?

[ ] [ ] [ ] Is construction impacting the adjacent property?

[ ] [ ] [ ] Is dust adequately controlled?

2. Temporary Stream Crossing

Yes No NA

[ ] [ ] [ ] Maximum diameter pipes necessary to span creek without dredging are installed.

[ ] [ ] [ ] Installed non-woven geotextile fabric beneath approaches.

[ ] [ ] [ ] Is fill composed of aggregate (no earth or soil)?

[ ] [ ] [ ] Rock on approaches is clean enough to remove mud from vehicles & prevent sediment from entering stream during high flow.

Runoff Control Practices

1. Excavation Dewatering

Yes No NA

[ ] [ ] [ ] Upstream and downstream berms (sandbags, inflatable dams, etc.) are installed per plan.

[ ] [ ] [ ] Clean water from upstream pool is being pumped to the downstream pool.

[ ] [ ] [ ] Sediment laden water from work area is being discharged to a silt-trapping device.

[ ] [ ] [ ] Constructed upstream berm with one-foot minimum freeboard.

2. Level Spreader

Yes No NA

[ ] [ ] [ ] Installed per plan.

[ ] [ ] [ ] Constructed on undisturbed soil, not on fill, receiving only clear, non-sediment laden flow.

[ ] [ ] [ ] Flow sheets out of level spreader without erosion on downstream edge.

3. Interceptor Dikes and Swales

Yes No NA

[ ] [ ] [ ] Installed per plan with minimum side slopes 2H:1V or flatter.

[ ] [ ] [ ] Stabilized by geotextile fabric, seed, or mulch with no erosion occurring.

[ ] [ ] [ ] Sediment-laden runoff directed to sediment trapping structure

Runoff Control Practices (continued)

4. Stone Check Dam

Yes No NA

[ ] [ ] [ ] Is channel stable? (flow is not eroding soil underneath or around the structure).
[ ] [ ] [ ] Check is in good condition (rocks in place and no permanent pools behind the structure).
[ ] [ ] [ ] Has accumulated sediment been removed?.

5. Rock Outlet Protection

Yes No NA

[ ] [ ] [ ] Installed per plan.
[ ] [ ] [ ] Installed concurrently with pipe installation.

Soil Stabilization

1. Topsoil and Spoil Stockpiles

Yes No NA

[ ] [ ] [ ] Stockpiles are stabilized with vegetation and/or mulch.
[ ] [ ] [ ] Sediment control is installed at the toe of the slope.

2. Revegetation

Yes No NA

[ ] [ ] [ ] Temporary seedings and mulch have been applied to idle areas.
[ ] [ ] [ ] 4 inches minimum of topsoil has been applied under permanent seedings

Sediment Control

1. Stabilized Construction Entrance

Yes No NA

[ ] [ ] [ ] Stone is clean enough to effectively remove mud from vehicles.
[ ] [ ] [ ] Installed per standards and specifications?
[ ] [ ] [ ] Does all traffic use the stabilized entrance to enter and leave site?
[ ] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence

Yes No NA

[ ] [ ] [ ] Installed on Contour, 10 feet from toe of slope (not across conveyance channels).
[ ] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.
[ ] [ ] [ ] Fabric buried 6 inches minimum.
[ ] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.

Sediment accumulation is ___% of design capacity.

Sediment Control (continued)

3. Storm Drain Inlet Protection (Use for Stone & Block; Filter Fabric; Curb; or, Excavated practices)

Yes No NA

[ ] [ ] [ ] Installed concrete blocks lengthwise so open ends face outward, not upward.
[ ] [ ] [ ] Placed wire screen between No. 3 crushed stone and concrete blocks.
[ ] [ ] [ ] Drainage area is 1acre or less.
[ ] [ ] [ ] Excavated area is 900 cubic feet.
[ ] [ ] [ ] Excavated side slopes should be 2:1.
[ ] [ ] [ ] 2" x 4" frame is constructed and structurally sound.
[ ] [ ] [ ] Posts 3-foot maximum spacing between posts.
[ ] [ ] [ ] Fabric is embedded 1 to 1.5 feet below ground and secured to frame/posts with staples at max 8-inch spacing.
[ ] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.

Sediment accumulation ___% of design capacity.

4. Temporary Sediment Trap

Yes No NA

[ ] [ ] [ ] Outlet structure is constructed per the approved plan or drawing.
[ ] [ ] [ ] Geotextile fabric has been placed beneath rock fill.

Sediment accumulation is ___% of design capacity.

5. Temporary Sediment Basin

Yes No NA

[ ] [ ] [ ] Basin and outlet structure constructed per the approved plan.
[ ] [ ] [ ] Basin side slopes are stabilized with seed/mulch.
[ ] [ ] [ ] Drainage structure flushed and basin surface restored upon removal of sediment basin facility.

Sediment accumulation is ___% of design capacity.

Note: Not all erosion and sediment control practices are included in this listing. Add additional pages to this list as required by site specific design.
Construction inspection checklists for post-development stormwater management practices can be found in Appendix F of the New York Stormwater Management Design Manual.

CONSTRUCTION DURATION INSPECTIONS
b. Modifications to the SWPPP (To be completed as described below)

The Operator shall amend the SWPPP whenever:
1. There is a significant change in design, construction, operation, or maintenance which may have a significant effect on the potential for the discharge of pollutants to the waters of the United States and which has not otherwise been addressed in the SWPPP; or
2. The SWPPP proves to be ineffective in:
a. Eliminating or significantly minimizing pollutants from sources identified in the SWPPP and as required by this permit; or
b. Achieving the general objectives of controlling pollutants in stormwater discharges from permitted construction activity; and
3. Additionally, the SWPPP shall be amended to identify any new contractor or subcontractor that will implement any measure of the SWPPP.

Modification & Reason:

III. Monthly Summary of Site Inspection Activities

Name of Permitted Facility:	**Today's Date:**	**Reporting Month:**
Location:	**Permit Identification #:**	
Name and Telephone Number of Site Inspector:		

Date of Inspection	Regular / Rainfall based Inspection	Name of Inspector	Items of Concern

Owner/Operator Certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that false statements made herein are punishable as a class A misdemeanor pursuant to Section 210.45 of the Penal Law."

_____ _____

Signature of Permittee or Duly Authorized Representative Name of Permittee or Duly Authorized Representative date

Duly authorized representatives must have written authorization, submitted to DEC, to sign any permit documents.

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Owner/Operator Certification Form

SPDES General Permit For Stormwater Discharges From Construction Activity (GP-0-20-001)

Project/Site Name: _____

eNOI Submission Number: _____

eNOI Submitted by: ☐ **Owner/Operator** ☐ **SWPPP Preparer** ☐ **Other**

Certification Statement - Owner/Operator

I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

Owner/Operator First Name M.I. Last Name

_____

Signature

_____

Date

CONTRACTOR CERTIFICATION

I hereby certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the *qualified inspector* during a site inspection. I also understand that the *owner or operator* must comply with the terms and conditions of the most current version of the New York state Pollutant Discharge Elimination System ("SPDES") general permit for stormwater *discharges* from *construction activities* and that it is unlawful for any person to cause or contribute to a violation of *water quality standards.* Furthermore, I am aware that there are significant penalties for submitting false information, that I do not believe to be true, including the possibility of fine and imprisonment for knowing violations."

_____	_____	_____
Contractor Signature	Title	Date
_____	_____	_____
Contractor Signature	Title	Date
_____	_____	_____
Contractor Signature	Title	Date
_____	_____	_____
Contractor Signature	Title	Date

SC-310/SC-740/DC-780

StormTech®
Detention • Retention • Water Quality
A division of ADS

StormTech Construction Guide

REQUIRED MATERIALS AND EQUIPMENT LIST

- Acceptable fill materials per **Table 1**
- Woven and non-woven geotextiles
- StormTech solid end caps and pre-cored end caps
- StormTech chambers
- StormTech manifolds and fittings

IMPORTANT NOTES:

A. This installation guide provides the minimum requirements for proper installation of chambers. Non-adherence to this guide may result in damage to chambers during installation. Replacement of damaged chambers during or after backfilling is costly and very time consuming. It is recommended that all installers are familiar with this guide, and that the contractor inspects the chambers for distortion, damage and joint integrity as work progresses.

B. Use of a dozer to push embedment stone between the rows of chambers may cause damage to chambers and is not an acceptable backfill method. Any chambers damaged by using the "dump and push" method are not covered under the StormTech standard warranty.

C. Care should be taken in the handling of chambers and end caps. Avoid dropping, prying or excessive force on chambers during removal from pallet and initial placement.

Requirements for System Installation

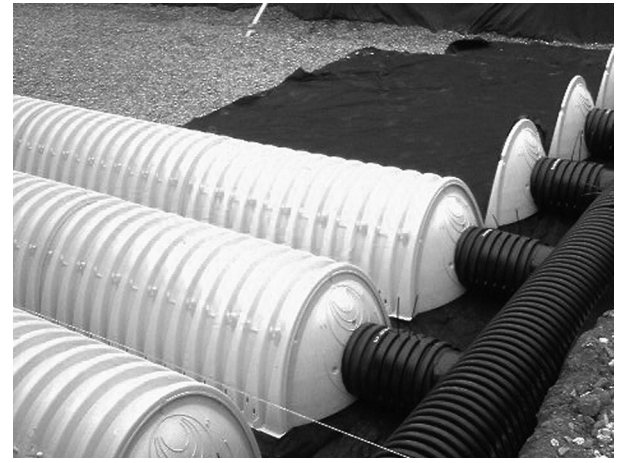
Excavate bed and prepare subgrade per engineer's plans.

Place non-woven geotextile over prepared soils and up excavation walls.

Place clean, crushed, angular stone foundation 6" (150 mm) min. Install underdrains if required. Compact to achieve a flat surface.

Manifold, Scour Fabric and Chamber Assembly

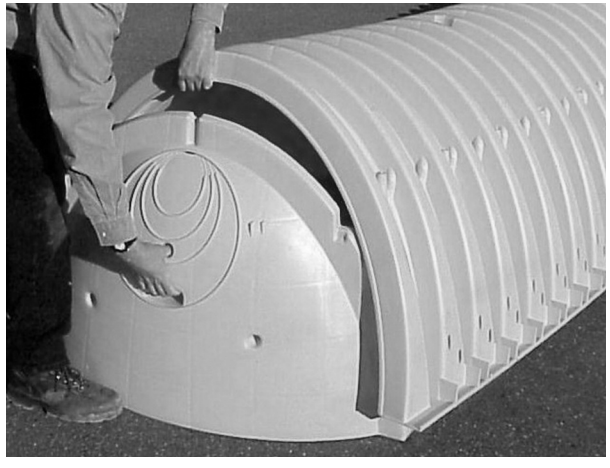
Install manifolds and lay out woven scour geotextile at inlet rows [min. 12.5 ft (3.8 m)] at each inlet end cap. Place a continuous piece (no seams, double layer) along entire length of Isolator® Row(s).



Align the first chamber and end cap of each row with inlet pipes. Contractor may choose to postpone stone placement around end chambers and leave ends of rows open for easy inspection of chambers during the backfill process.

Construct the chamber bed by overlapping the chambers lengthwise in rows. Attach chambers by overlapping the end corrugation of one chamber on to the end corrugation of the last chamber in the row. Be sure that the chamber placement does not exceed the reach of the construction equipment used to place the stone.

Attaching the End Caps



Lift the end of the chamber a few inches off the ground. With the curved face of the end cap facing outward, place the end cap into the chamber's end corrugation.

Prefabricated End Caps

24" (600 mm) inlets are the maximum size that can fit into a SC-740/DC-780 end cap and must be prefabricated with a 24" (600 mm) pipe stub. SC-310 chambers with a 12" (300 mm) inlet pipe must use a prefabricated end cap with a 12" (300 mm) pipe stub.

Isolator Row

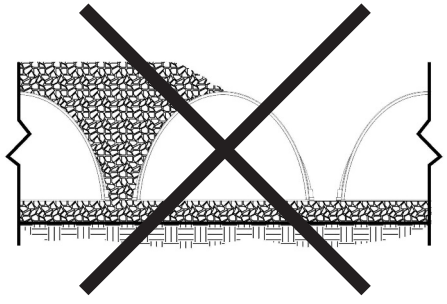
Drape a strip of ADS non-woven geotextile over the row of chambers (not required over DC-780). This is the same type of non-woven geotextile used as a separation layer around the angular stone of the StormTech system.

Initial Anchoring of Chambers – Embedment Stone

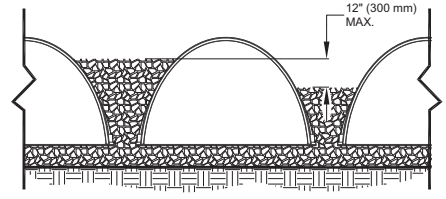
Initial embedment shall be spotted along the centerline of the chamber evenly anchoring the lower portion of the chamber. This is best accomplished with a stone conveyor or excavator reaching along the row.

No equipment shall be operated on the bed at this stage of the installation. Excavators must be located off the bed. Dump trucks shall not dump stone directly on to the bed. Dozers or loaders are not allowed on the bed at this time.

Backfill of Chambers – Embedment Stone

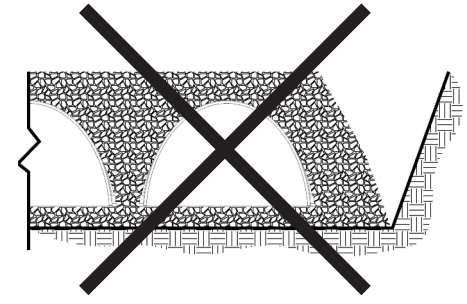


UNEVEN BACKFILL

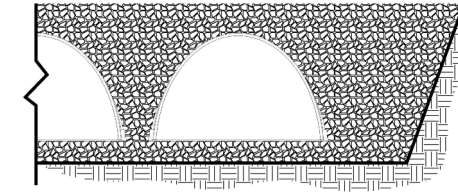


EVEN BACKFILL

Backfill chambers evenly. Stone column height should never differ by more than 12” (300 mm) between adjacent chamber rows or between chamber rows and perimeter.



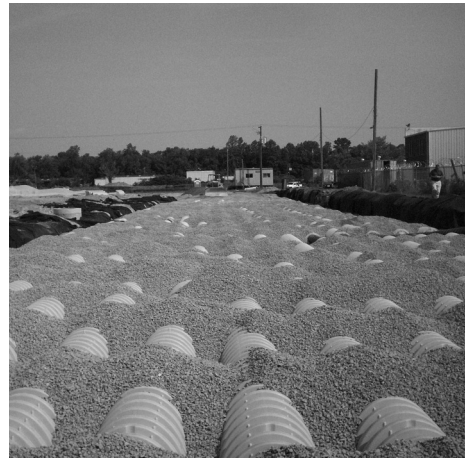
PERIMETER NOT BACKFILLED



PERIMETER FULLY BACKFILLED

Perimeter stone must be brought up evenly with chamber rows. Perimeter must be fully backfilled, with stone extended horizontally to the excavation wall.

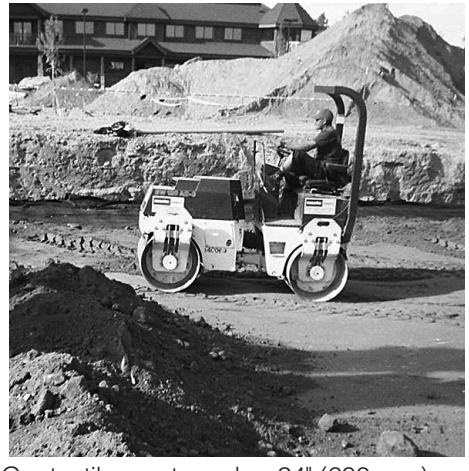
Backfill of Chambers – Embedment Stone and Cover Stone



Continue evenly backfilling between rows and around perimeter until embedment stone reaches tops of chambers. Perimeter stone must extend horizontally to the excavation wall for both straight or sloped sidewalls. **Only after chambers have been backfilled to top of chamber and with a minimum 6" (150 mm) of cover stone on top of chambers can small dozers be used over the chambers for backfilling remaining cover stone.**

Small dozers and skid loaders may be used to finish grading stone backfill in accordance with ground pressure limits in Table 2. They must push material parallel to rows only. Never push perpendicular to rows. StormTech recommends that the contractor inspect chambers before placing final backfill. Any chambers damaged by construction shall be removed & replaced.

Final Backfill of Chambers – Fill Material



Install non-woven geotextile over stone. Geotextile must overlap 24" (600 mm) min. where edges meet. Compact each lift of backfill as specified in the site design engineer's drawings. Roller travel parallel with rows.

StormTech Isolator Row Detail

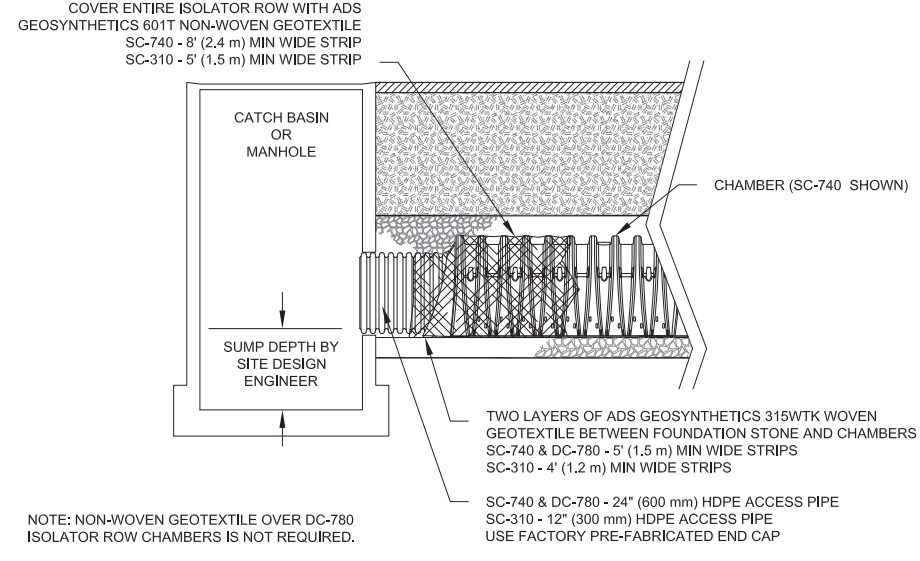


Table 1 – Acceptable Fill Materials

Material Location	Description	AASHTO M43 Designation[1]	Compaction/Density Requirement
Ⓓ **Final Fill:** Fill Material for layer 'D' starts from the top of the 'C' layer to the bottom of flexible pavement or unpaved finished grade above. Note that the pavement subbase may be part of the 'D' layer.	Any soil/rock materials, native soils or per engineer's plans. Check plans for pavement subgrade requirements.	N/A	Prepare per site design engineer's plans. Paved installations may have stringent material and preparation requirements.
Ⓒ **Initial Fill:** Fill Material for layer 'C' starts from the top of the embedment stone ('B' layer) to 18" (450 mm) above the top of the chamber. Note that pavement subbase may be part of the 'C' layer.	Granular well-graded soil/aggregate mixtures, <35% fines or processed aggregate. Most pavement subbase materials can be used in lieu of this layer.	AASHTO M45 A-1, A-2-4, A-3 or AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	Begin compaction after min. 12" (300 mm) of material over the chambers is reached. Compact additional layers in 6" (150 mm) max. lifts to a min. 95% Proctor density for well-graded material and 95% relative density for processed aggregate materials. Roller gross vehicle weight not to exceed 12,000 lbs (53 kN). Dynamic force not to exceed 20,000 lbs (89 kN)
Ⓑ **Embedment Stone:** Embedment Stone surrounding chambers from the foundation stone to the 'C' layer above.	Clean, crushed, angular stone nominal size distribution 3/4 - 2" (20 mm - 50 mm)	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	No compaction required.
Ⓐ **Foundation Stone:** Foundation Stone below the chambers from the subgrade up to the foot (bottom) of the chamber.	Clean, crushed, angular stone, nominal size distribution 3/4 - 2" (20 mm - 50 mm)	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	Place and compact in 6" (150 mm) lifts using two full coverages with a vibratory compactor.[2, 3]

PLEASE NOTE:

1. ***The listed AASHTO designations are for gradations only. The stone must also be clean, crushed, angular. For example, a specification for #4 stone would state: "clean, crushed, angular no. 4 (AASHTO M43) stone".***
2. ***StormTech compaction requirements are met for 'A' location materials when placed and compacted in 6" (150 mm) (max) lifts using two full coverages with a vibratory compactor.***
3. ***Where infiltration surfaces may be comprised by compaction, for standard installations and standard design load conditions, a flat surface may be achieved by raking or dragging without compaction equipment. For special load designs, contact StormTech for compaction requirements.***

Figure 1 – Inspection Port Detail

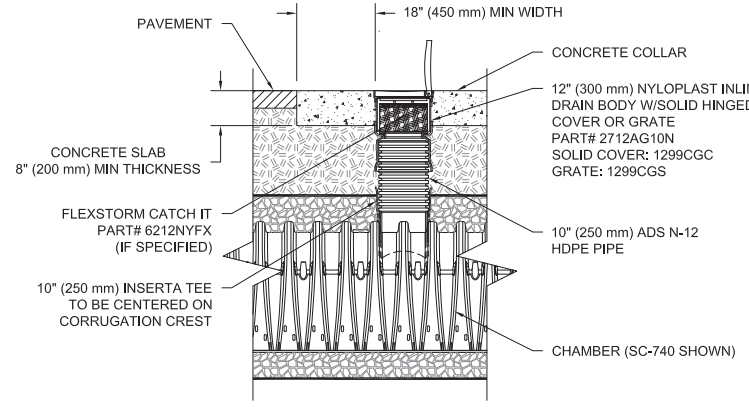
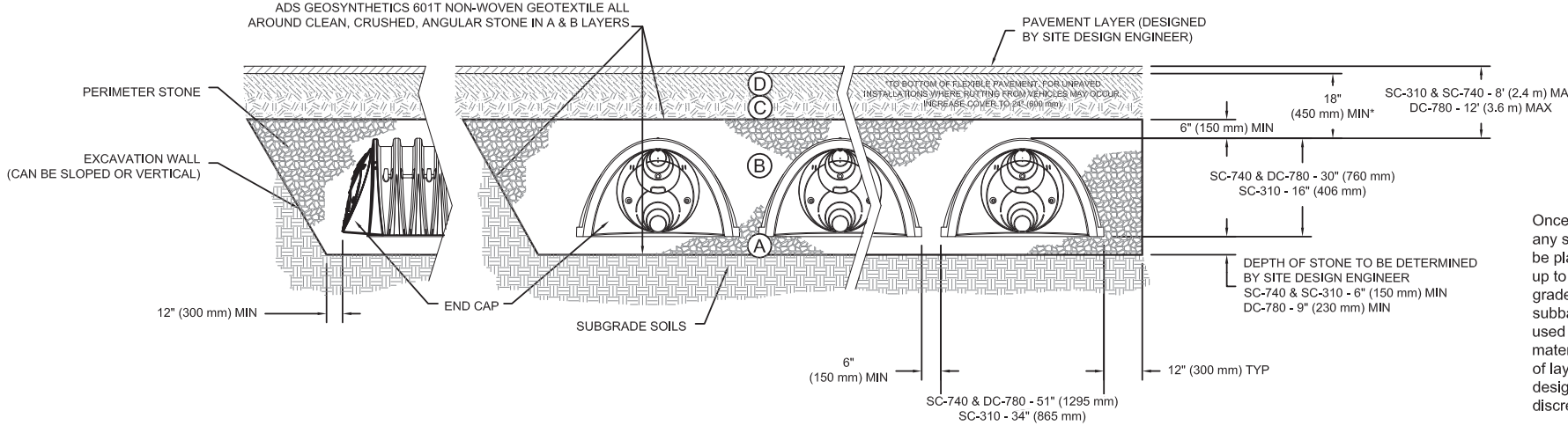


Figure 2 – Fill Material Locations



Once layer 'C' is placed any soil/material can be placed in layer 'D' up to the finished grade. Most pavement subbase soils can be used to replace the materials requirements of layer 'C' or 'D' at the design engineer's discretion.

NOTES:

1. *36" (900 mm) of stabilized cover materials over the chambers is required for full dump truck travel and dumping.*
2. *During paving operations, dump truck axle loads on 18" (450 mm) of cover may be necessary. Precautions should be taken to avoid rutting of the road base layer, to ensure that compaction requirements have been met, and that a minimum of 18" (450 mm) of cover exists over the chambers. Contact StormTech for additional guidance on allowable axle loads during paving.*
3. *Ground pressure for track dozers is the vehicle operating weight divided by total ground contact area for both tracks. Excavators will exert higher ground pressures based on loaded bucket weight and boom extension.*
4. *Mini-excavators (< 8,000lbs/3,628 kg) can be used with at least 12" (300 mm) of stone over the chambers and are limited by the maximum ground pressures in Table 2 based on a full bucket at maximum boom extension.*
5. *Storage of materials such as construction materials, equipment, spoils, etc. should not be located over the StormTech system. The use of equipment over the StormTech system not covered in Table 2 (ex. soil mixing equipment, cranes, etc) is limited. Please contact StormTech for more information.*
6. *Allowable track loads based on vehicle travel only. Excavators shall not operate on chamber beds until the total backfill reaches 3 feet (900 mm) over the entire bed.*

Table 2 – Maximum Allowable Construction Vehicle Loads[5]

Material Location	Fill Depth over Chambers in. [mm]	Maximum Allowable Wheel Loads		Maximum Allowable Track Loads[6]		Maximum Allowable Roller Loads
		Max Axle Load for Trucks lbs [kN]	Max Wheel Load for Loaders lbs [kN]	Track Width in. [mm]	Max Ground Pressure psf [kPa]	Max Drum Weight or Dynamic Force lbs [kN]
(D) Final Fill Material	36" [900] Compacted	32,000 [142]	16,000 [71]	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	3420 [164] 2350 [113] 1850 [89] 1510 [72] 1310 [63]	38,000 [169]
(C) Initial Fill Material	24" [600] Compacted	32,000 [142]	16,000 [71]	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	2480 [119] 1770 [85] 1430 [68] 1210 [58] 1070 [51]	20,000 [89]
	24" [600] Loose/Dumped	32,000 [142]	16,000 [71]	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	2245 [107] 1625 [78] 1325 [63] 1135 [54] 1010 [48]	20,000 [89] Roller gross vehicle weight not to exceed 12,000 lbs. [53 kN]
	18" [450]	32,000 [142]	16,000 [71]	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	2010 [96] 1480 [71] 1220 [58] 1060 [51] 950 [45]	20,000 [89] Roller gross vehicle weight not to exceed 12,000 lbs. [53 kN]
(B) Embedment Stone	12" [300]	16,000 [71]	NOT ALLOWED	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	1540 [74] 1190 [57] 1010 [48] 910 [43] 840 [40]	20,000 [89] Roller gross vehicle weight not to exceed 12,000 lbs. [53 kN]
	6" [150]	8,000 [35]	NOT ALLOWED	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	1070 [51] 900 [43] 800 [38] 760 [36] 720 [34]	NOT ALLOWED

Table 3 – Placement Methods and Descriptions

Material Location	Placement Methods/ Restrictions	Wheel Load Restrictions	Track Load Restrictions	Roller Load Restrictions
		See Table 2 for Maximum Construction Loads		
(D) Final Fill Material	A variety of placement methods may be used. All construction loads must not exceed the maximum limits in Table 2.	36" (900 mm) minimum cover required for dump trucks to dump over chambers.	Dozers to push parallel to rows until 36" (900mm) compacted cover is reached.[4]	Roller travel parallel to rows only until 36" (900 mm) compacted cover is reached.
(C) Initial Fill Material	Excavator positioned off bed recommended. Small excavator allowed over chambers. Small dozer allowed.	Asphalt can be dumped into paver when compacted pavement subbase reaches 18" (450 mm) above top of chambers.	Small LGP track dozers & skid loaders allowed to grade cover stone with at least 6" (150 mm) stone under tracks at all times. Equipment must push parallel to rows at all times.	Use dynamic force of roller only after compacted fill depth reaches 12" (300 mm) over chambers. Roller travel parallel to chamber rows only.
(B) Embedment Stone	No equipment allowed on bare chambers. Use excavator or stone conveyor positioned off bed or on foundation stone to evenly fill around all chambers to at least the top of chambers.	No wheel loads allowed. Material must be placed outside the limits of the chamber bed.	No tracked equipment is allowed on chambers until a min. 6" (150 mm) cover stone is in place.	No rollers allowed.
(A) Foundation Stone	No StormTech restrictions. Contractor responsible for any conditions or requirements by others relative to subgrade bearing capacity, dewatering or protection of subgrade.			

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#090113 09/13

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StormTech Construction Guide

REQUIRED MATERIALS AND EQUIPMENT LIST

- Acceptable fill materials per **Table 1**
- Woven and non-woven geotextiles
- StormTech solid end caps and pre-cored end caps
- StormTech chambers
- MC-3500 end cap screws (2 ½" [64mm] coarse thread – 3 per end cap)
- MC-4500 chamber joint screws (Fastenal #12-11 x 1" slotted hex washer head sheet metal screw, type A, zinc/steel [SKU 1131123] - 6 per joint)
- StormTech manifolds and fittings

NOTE: MC-3500 chamber pallets are 77" x 90" (2.0 m x 2.3 m) and weigh about 2010 lbs. (912 kg) and MC-4500 pallets are 100" x 52" (2.5 m x 1.3 m) and weight about 840 lbs. (381 kg). Unloading chambers requires 72" (1.8 m) (min.) forks and/or tie downs (straps, chains, etc).

IMPORTANT: This installation guide provides the minimum requirements for proper installation of large chambers. Non-adherence to this guide may result in damage to chambers during installation. Replacement of damaged chambers during or after backfilling is costly and very time consuming. It is recommended that all installers are familiar with this guide, and that the contractor inspects the chambers for distortion, damage and joint integrity as work progresses.

Requirements for System Installation

Excavate bed and prepare subgrade per engineer's plans.

Place non-woven geotextile over prepared soils and up excavation walls.

Place clean, crushed, angular stone foundation 9" (229 mm) min. Install underdrains if required. Compact to achieve a flat surface.

Manifold, Scour Fabric and Chamber Assembly

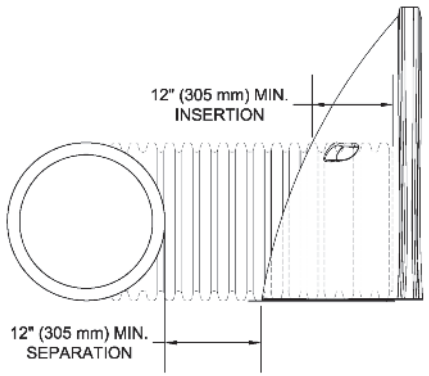
Install manifolds and lay out woven scour geo-textile at inlet rows [min. 17.5 ft (5.33 m)] at each inlet end cap. Place a continuous piece (no seams) along entire length of Isolator® Row(s).

Align the first chamber and end cap of each row with inlet pipes. Each MC-3500 end cap must be fastened to chambers with three 2½" (64 mm) coarse thread screws before backfilling. Contractor may choose to postpone stone placement around end chambers and leave ends of rows open for easy inspection of chambers during the backfill process.

Continue installing chamber rows by overlapping chamber end corrugations. Chamber joints are labeled “Lower Joint— Overlap Here” and “Build This Direction—Upper Joint.” Place non-woven geo-textile over Isolator Row chambers (if specified).

Maintain minimum - 9" (229 mm) spacing between rows

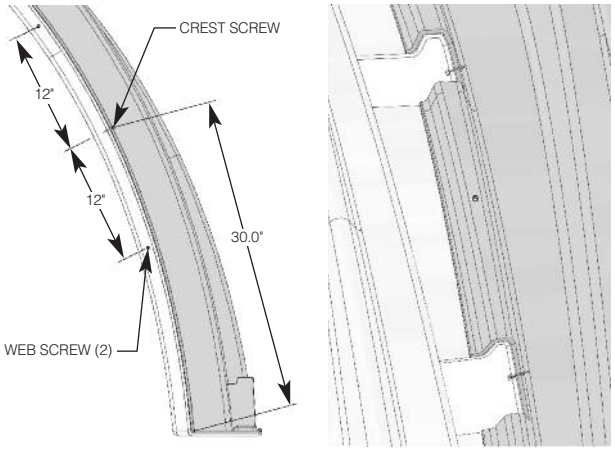
Manifold Insertion



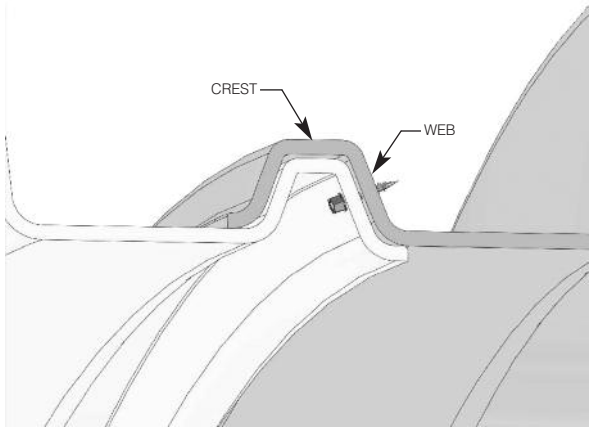
NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN THE END CAP OPENING.

Insert inlet and outlet manifolds a minimum 12" (305 mm) into chamber end caps. Manifold header should be a minimum 12" (305 mm) from base of end cap.

MC-4500 Joint Assembly



Install (6) screws (Fastenal #12-11x1”) at each MC-4500 joint at locations shown. 3 screws on each side of joint. Care must be taken to avoid overtightening and/or “stripping” of screws.



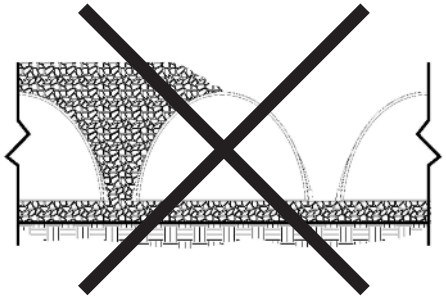
Install the (2) web screws from the inside of the MC-4500 chamber 12" (305 mm) above and below the crest screw.

Initial Anchoring of Chambers – Embedment Stone

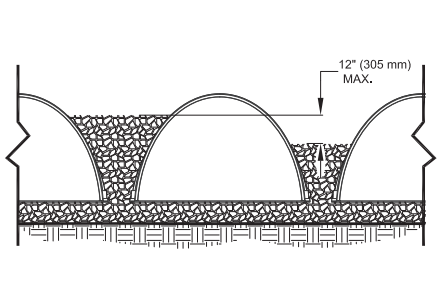
Initial embedment shall be spotted along the centerline of the chamber evenly anchoring the lower portion of the chamber. This is best accomplished with a stone conveyor or excavator reaching along the row.

No equipment shall be operated on the bed at this stage of the installation. Excavators must be located off the bed. Dump trucks shall not dump stone directly on to the bed. Dozers or loaders are not allowed on the bed at this time.

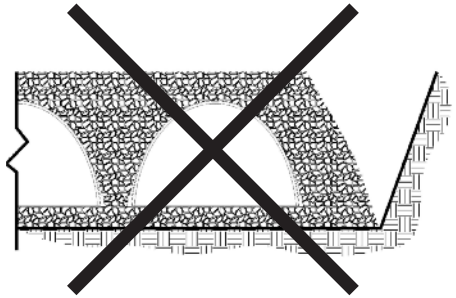
Backfill of Chambers – Embedment Stone



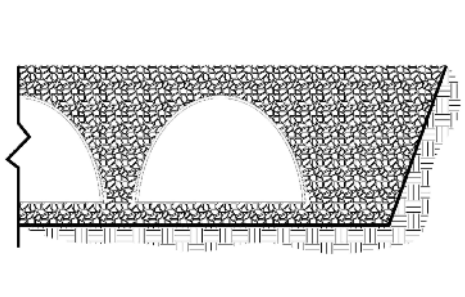
UNEVEN BACKFILL



EVEN BACKFILL



PERIMETER NOT BACKFILLED

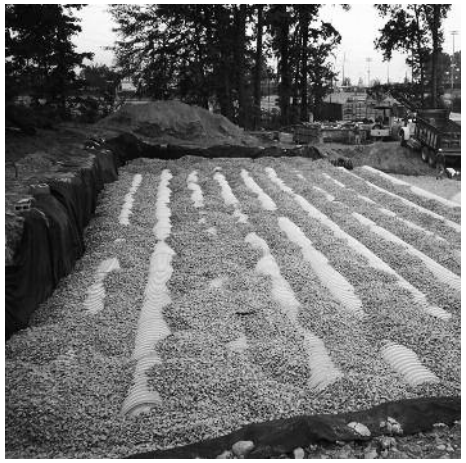


PERIMETER FULLY BACKFILLED

Backfill chambers evenly. Stone column height should never differ by more than 12” (305 mm) between adjacent chamber rows or between chamber rows and perimeter.

Perimeter stone must be brought up evenly with chamber rows. Perimeter must be fully backfilled, with stone extended horizontally to the excavation wall.

Backfill of Chambers – Embedment Stone and Cover Stone



Continue evenly backfilling between rows and around perimeter until embedment stone reaches tops of chambers. Perimeter stone must extend horizontally to the excavation wall for both straight or sloped sidewalls. **Only after chambers have been backfilled to top of chamber and with a minimum 12" (305 mm) of cover stone on top of chambers can small dozers be used over the chambers for backfilling remaining cover stone.**

Small dozers and skid loaders may be used for cover stone backfill in accordance with ground pressure limits in Table 2. Dozers must push material parallel to rows only. Never push perpendicular to rows. StormTech recommends that the contractor inspect chambers before placing final backfill. Any chambers damaged by construction shall be removed & replaced.

Final Backfill of Chambers – Fill Material

Install non-woven geotextile over stone. Geotextile must overlap 24" (610 mm) min. where edges meet. Compact at 24" (610 mm) of fill. Roller travel parallel with rows.

StormTech Isolator Row Detail

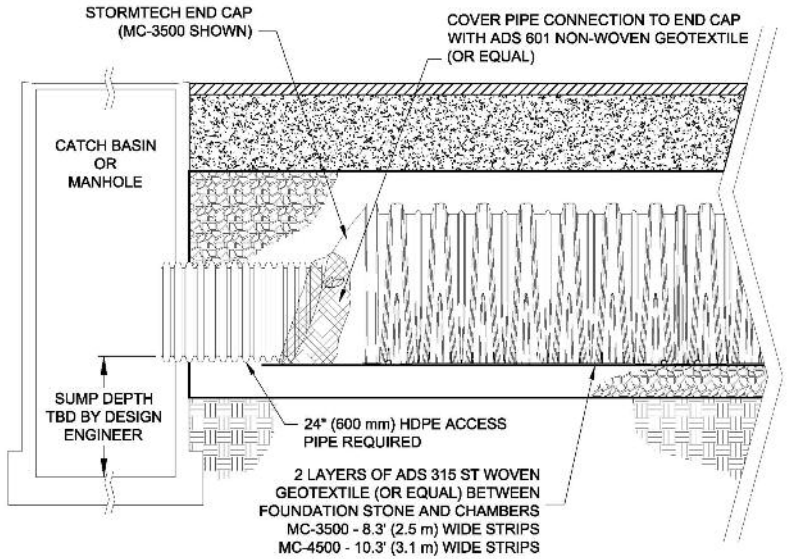


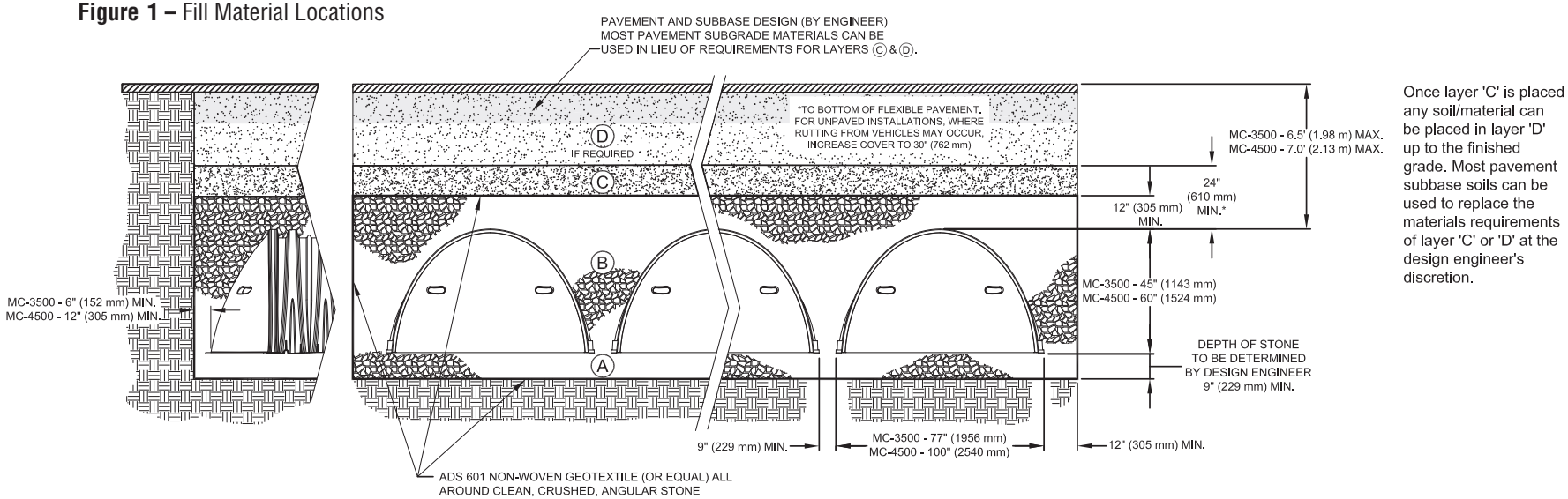
Table 1 – Acceptable Fill Materials

Material Location	Description	AASHTO M43 Designation[1]	Compaction/Density Requirement
(D) Fill Material for layer 'D' starts from the top of the 'C' layer to the bottom of flexible pavement or unpaved finished grade above. Note that the pavement subbase may be part of the 'D' layer.	Any soil/rock materials, native soils or per engineer's plans. Check plans for pavement subgrade requirements.	N/A	Prepare per engineer's plans. Paved installations may have stringent material and preparation requirements.
(C) Fill Material for layer 'C' starts from the top of the embedment stone ('B' layer) to 24" (610 mm) above the top of the chamber. Note that pavement subbase may be part of the 'C' layer.	Granular well-graded soil/aggregate mixtures, <35% fines. Most pavement subbase materials can be used in lieu of this layer. (AASHTO M145 A-1, A-2, A-3)	3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	Begin compaction after min. 24" (610 mm) of material over the chambers is reached. Compact additional layers in 12" (305 mm) max. lifts to a min. 95% Standard Proctor density. (See Tables 2 and 3 for maximum roller loads).
(B) Embedment Stone surrounding chambers from the foundation stone to the 'C' layer above.	Clean, crushed, angular stone nominal particle size distribution 3/4 - 2" (19 mm - 51 mm)	3, 4	No compaction required.
(A) Foundation Stone below the chambers from the subgrade up to the foot (bottom) of the chamber.	Clean, crushed, angular stone, nominal size distribution 3/4-2" (19 mm - 51 mm)	3, 4	Plate compact or roll to achieve a 95% Standard Proctor Density.[2]

PLEASE NOTE:

1. ***The listed AASHTO designations are for gradations only. The stone must also be clean, crushed, angular. For example, a specification for #4 stone would state: "clean, crushed, angular no. 4 (AASHTO M43) stone."***
2. ***As an alternate to Proctor Testing and field density measurements in the 'A' location, StormTech compaction requirements are met for 'A' location materials when placed and compacted in 9" (229 mm) (max.) lifts using two full passes with an appropriate compactor.***

Figure 1 – Fill Material Locations



Once layer 'C' is placed any soil/material can be placed in layer 'D' up to the finished grade. Most pavement subbase soils can be used to replace the materials requirements of layer 'C' or 'D' at the design engineer's discretion.

Table 2 – Maximum Allowable Construction Vehicle Loads[6]

Material Location	Fill Depth over Chambers in. [mm]	Maximum Allowable Wheel Loads		Maximum Allowable Track Loads		Maximum Allowable Roller Loads
		Max Axle Load for Trucks[1,2] lbs [kN]	Max Wheel Load for Loaders lbs [kN]	Track Width in. [mm]	Max Ground Pressure[3] psf [kPa]	Max Drum Weight or Dynamic Force lbs [kN]
(D) Final Fill Material	36" [914] Compacted	32,000 [142]	16,000 [71]	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	3420 [164] 2350 [113] 1850 [89] 1510 [72] 1310 [63]	38,000 [169]
(C) Initial Fill Material	24" [610] Compacted	32,000 [142]	16,000 [71]	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	2480 [119] 1770 [85] 1430 [68] 1210 [58] 1070 [51]	20,000 [89]
	24" [610] Loose/Dumped	24,000 [107]	12,000 [53]	12" [305] 18" [457] 24" [610] 30" [762] 36" [914]	2245 [107] 1625 [78] 1325 [63] 1135 [54] 1010 [48]	16,000 [71]
	18" [457]	24,000 [107]	12,000 [53]	12" [305] 18" [457] 24" [610] 30" [762]	2010 [96] 1480 [71] 1220 [58] 1060 [51]	5,000 [22] (static loads only)[5]
(B) Embedment Stone	12" [305]	NOT ALLOWED	NOT ALLOWED	12" [305] 18" [457] 24" [610] 30" [762]	1100 [53] 715 [34] 660 [32] 580 [28]	NOT ALLOWED
	6" [152]	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED	NOT ALLOWED

Table 3 – Placement Methods and Descriptions

Material Location	Placement Methods/ Restrictions	Wheel Load Restrictions	Track Load Restrictions	Roller Load Restrictions
		See Table 2 for Maximum Construction Loads		
(D) Final Fill Material	A variety of placement methods may be used. All construction loads must not exceed the maximum limits in Table 2.	36" (914 mm) minimum cover required for dump trucks to dump over chambers.		Roller travel parallel to rows only until 36" (914 mm) compacted cover is reached.
(C) Initial Fill Material	Excavator positioned off bed recommended. Small excavator allowed over chambers. Small dozer allowed.	Asphalt can be dumped into paver when compacted pavement subbase reaches 24" (610 mm) above top of chambers.	Dozers to push parallel to rows.[4]	Use dynamic force of roller only after compacted fill depth reaches 24" (610 mm) over chambers. Roller travel parallel to chamber rows only.
(B) Embedment Stone	No equipment allowed on bare chambers. Use excavator or stone conveyor positioned off bed or on foundation stone to evenly fill around all chambers to at least the top of chambers.	No wheel loads allowed. Material must be dumped outside the limits of the chamber bed.	Small LGP track dozers & skid loaders allowed to spread embedment stone with at least 12" (305 mm) stone under tracks at all times. Dozers to push parallel to rows only	No rollers allowed.
(A) Foundation Stone	No StormTech restrictions. Contractor responsible for any conditions or requirements by others relative to subgrade bearing capacity, dewatering or protection of subgrade.			

NOTES:

1. 36" (914 mm) of stabilized cover materials over the chambers is required for full dump truck travel and dumping.

2. During paving operations, dump truck axle loads on 24" (610 mm) of cover may be necessary. Precautions should be taken to avoid rutting of the road base layer, to ensure that compaction requirements have been met, and that a minimum of 24" (610 mm) of cover exists over the chambers. Contact StormTech for additional guidance on allowable axle loads during paving.

3. Ground pressure for track dozers is the vehicle operating weight divided by total ground contact area for both tracks. Excavators will exert higher ground pressures based on loaded bucket weight and boom extension. Excavators shall not operate on chamber beds until the total backfill reaches 3 feet (914 mm).

4. Mini-excavators can be used with at least 12" (305 mm) of stone over the chambers and are limited by the maximum ground pressures in Table 2 based on a full bucket at maximum boom extension.

5. StormTech does not require compaction of initial fill at 18" (457 mm) of cover. However, requirements by others for 6" (152 mm) lifts may necessitate the use of small compactors at 18" (457 mm) of cover.

6. Storage of materials such as construction materials, equipment, spoils, etc. should not be located over the StormTech system. The use of equipment over the StormTech system not covered in Table 2 (ex. soil mixing equipment, cranes, etc) is limited. Please contact StormTech for more information.

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#10816 08/12

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Save Valuable Land and Protect Water Resources

StormTech®
Detention • Retention • Water Quality
Subsurface Stormwater Management℠

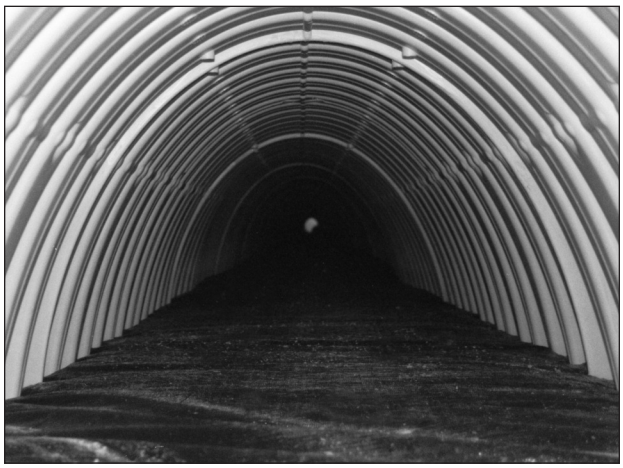
Isolator™ Row O&M Manual

StormTech® Chamber System for Stormwater Management

1.0 The Isolator™ Row

1.1 INTRODUCTION

An important component of any Stormwater Pollution Prevention Plan is inspection and maintenance. The StormTech Isolator Row is a patented technique to inexpensively enhance Total Suspended Solids (TSS) removal and provide easy access for inspection and maintenance.



Looking down the Isolator Row from the manhole opening, woven geotextile is shown between the chamber and stone base.

1.2 THE ISOLATOR™ ROW

The Isolator Row is a row of StormTech chambers, either SC-310, SC-740, DC-780 or MC-3500 models, that is surrounded with filter fabric and connected to a closely located manhole for easy access. The fabric-wrapped chambers provide for settling and filtration of sediment as storm water rises in the Isolator Row and ultimately passes through the filter fabric. The open bottom chambers and perforated sidewalls allow storm water to flow both vertically and horizontally out of the chambers. Sediments are captured in the Isolator Row protecting the storage areas of the adjacent stone and chambers from sediment accumulation.

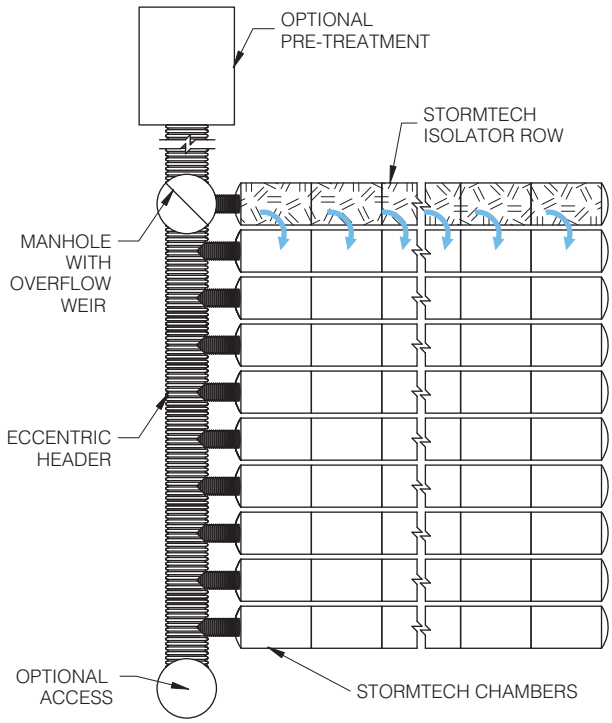
Two different fabrics are used for the Isolator Row. A woven geotextile fabric is placed between the stone and the Isolator Row chambers. The tough geotextile provides a media for storm water filtration and provides a durable surface for maintenance operations. It is also designed to prevent scour of the underlying stone and remain intact during high pressure jetting. A non-woven fabric is placed over the chambers to provide a filter media for flows passing through the perforations in the sidewall of the chamber.

The Isolator Row is typically designed to capture the "first flush" and offers the versatility to be sized on a volume basis or flow rate basis. An upstream manhole not only provides access to the Isolator Row but typically includes a high flow weir such that storm water flowrates or volumes that exceed the capacity of the Isolator Row overtop the over flow weir and discharge through a manifold to the other chambers.

The Isolator Row may also be part of a treatment train. By treating storm water prior to entry into the chamber system, the service life can be extended and pollutants such as hydrocarbons can be captured. Pre-treatment best management practices can be as simple as deep sump catch basins, oil-water separators or can be innovative storm water treatment devices. The design of the treatment train and selection of pretreatment devices by the design engineer is often driven by regulatory requirements. Whether pretreatment is used or not, the Isolator Row is recommended by StormTech as an effective means to minimize maintenance requirements and maintenance costs.

Note: See the StormTech Design Manual for detailed information on designing inlets for a StormTech system, including the Isolator Row.

StormTech Isolator Row with Overflow Spillway
(not to scale)



2.0 Isolator Row Inspection/Maintenance

2.1 INSPECTION

The frequency of Inspection and Maintenance varies by location. A routine inspection schedule needs to be established for each individual location based upon site specific variables. The type of land use (i.e. industrial, commercial residential), anticipated pollutant load, percent imperviousness, climate, etc. all play a critical role in determining the actual frequency of inspection and maintenance practices.

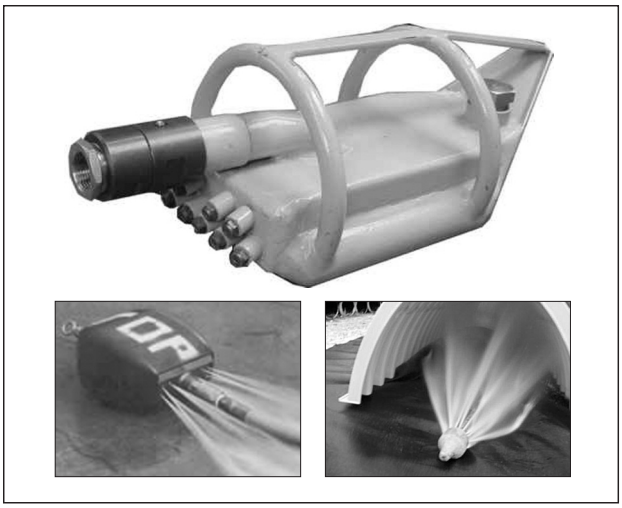
At a minimum, StormTech recommends annual inspections. Initially, the Isolator Row should be inspected every 6 months for the first year of operation. For subsequent years, the inspection should be adjusted based upon previous observation of sediment deposition.

The Isolator Row incorporates a combination of standard manhole(s) and strategically located inspection ports (as needed). The inspection ports allow for easy access to the system from the surface, eliminating the need to perform a confined space entry for inspection purposes.

If upon visual inspection it is found that sediment has accumulated, a stadia rod should be inserted to determine the depth of sediment. When the average depth of sediment exceeds 3 inches throughout the length of the Isolator Row, clean-out should be performed.

2.2 MAINTENANCE

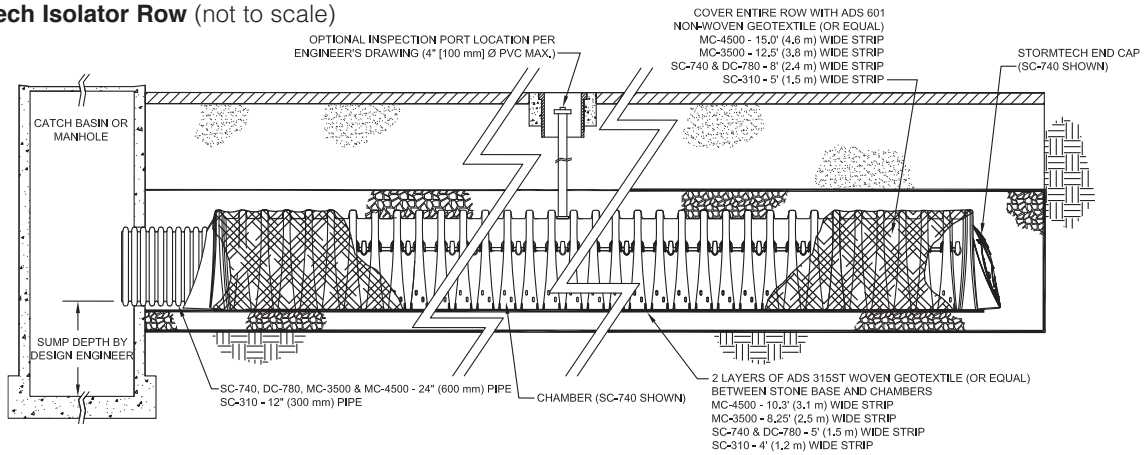
The Isolator Row was designed to reduce the cost of periodic maintenance. By "isolating" sediments to just one row, costs are dramatically reduced by eliminating the need to clean out each row of the entire storage bed. If inspection indicates the potential need for maintenance, access is provided via a manhole(s) located on the end(s) of the row for cleanout. If entry into the manhole is required, please follow local and OSHA rules for a confined space entries.



Examples of culvert cleaning nozzles appropriate for Isolator Row maintenance. (These are not StormTech products.)

Maintenance is accomplished with the JetVac process. The JetVac process utilizes a high pressure water nozzle to propel itself down the Isolator Row while scouring and suspending sediments. As the nozzle is retrieved, the captured pollutants are flushed back into the manhole for vacuuming. Most sewer and pipe maintenance companies have vacuum/JetVac combination vehicles. Selection of an appropriate JetVac nozzle will improve maintenance efficiency. Fixed nozzles designed for culverts or large diameter pipe cleaning are preferable. Rear facing jets with an effective spread of at least 45" are best. Most JetVac reels have 400 feet of hose allowing maintenance of an Isolator Row up to 50 chambers long. **The JetVac process shall only be performed on StormTech Isolator Rows that have AASHTO class 1 woven geotextile (as specified by StormTech) over their angular base stone.**

StormTech Isolator Row (not to scale)



Note: For many applications, the non-woven geotextile over the DC-780, MC-3500 and MC-4500 Isolator Row chambers can be eliminated or substituted with the AASHTO Class 1 woven geotextile. Contact your StormTech representative for assistance.

3.0 Isolator Row Step By Step Maintenance Procedures

Step 1) Inspect Isolator Row for sediment

A) Inspection ports (if present)

i. Remove lid from floor box frame

ii. Remove cap from inspection riser

iii. Using a flashlight and stadia rod, measure depth of sediment and record results on maintenance log.

iv. If sediment is at, or above, 3 inch depth proceed to Step 2. If not proceed to step 3.

B) All Isolator Rows

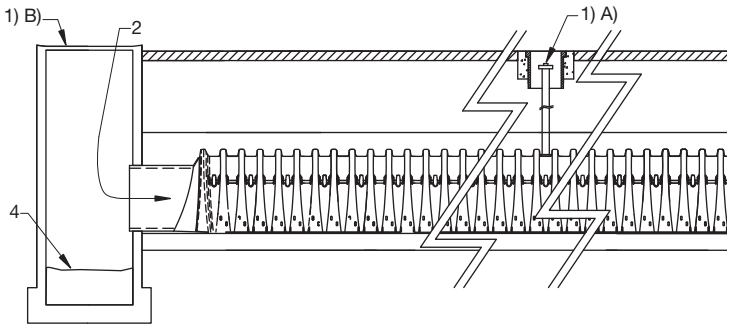
i. Remove cover from manhole at upstream end of Isolator Row

ii. Using a flashlight, inspect down Isolator Row through outlet pipe

1. Mirrors on poles or cameras may be used to avoid a confined space entry
2. Follow OSHA regulations for confined space entry if entering manhole

iii. If sediment is at or above the lower row of sidewall holes (approximately 3 inches) proceed to Step 2. If not proceed to Step 3.

StormTech Isolator Row (not to scale)



Step 2) Clean out Isolator Row using the JetVac process

A) A fixed culvert cleaning nozzle with rear facing nozzle spread of 45 inches or more is preferable

B) Apply multiple passes of JetVac until backflush water is clean

C) Vacuum manhole sump as required

Step 3) Replace all caps, lids and covers, record observations and actions

Step 4) Inspect & clean catch basins and manholes upstream of the StormTech system

Sample Maintenance Log

Date	Stadia Rod Readings		Sediment Depth (1) - (2)	Observations/Actions	Inspector
	Fixed point to chamber bottom (1)	Fixed point to top of sediment (2)			
3/15/01	6.3 ft.	none		New installation. Fixed point is CI frame at grade	djm
9/24/01		6.2	0.1 ft.	Some grit felt	sm
6/20/03		5.8	0.5 ft.	Mucky feel, debris visible in manhole and in Isolator row, maintenance due	rv
7/7/03	6.3 ft.		0	System jetted and vacuumed	djm

StormTech®

Detention • Retention • Water Quality

Subsurface Stormwater Management℠

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StormTech products are covered by one or more of the following patents: U.S. Patents: 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844; Canadian Patents: 2,158,418 Other U.S. and Foreign Patents Pending Printed in U.S.A.

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S090809

APPENDIX B

Notice of Intent (NOI)
Notice of Termination (NOT)
NYSDEC SPDES General Permit GP-0-20-001
MS4 Acceptance Form

0644089821

NOTICE OF INTENT

New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505

NYR _____
(for DEC use only)

Stormwater Discharges Associated with Construction Activity Under State Pollutant Discharge Elimination System (SPDES) General Permit # GP-0-20-001

All sections must be completed unless otherwise noted. Failure to complete all items may result in this form being returned to you, thereby delaying your coverage under this General Permit. Applicants must read and understand the conditions of the permit and prepare a Stormwater Pollution Prevention Plan prior to submitting this NOI. Applicants are responsible for identifying and obtaining other DEC permits that may be required.

-IMPORTANT-

RETURN THIS FORM TO THE ADDRESS ABOVE

OWNER/OPERATOR MUST SIGN FORM

Owner/Operator Information

Owner/Operator (Company Name/Private Owner Name/Municipality Name)
Admiral Halsey II, L.P.

Owner/Operator Contact Person Last Name (NOT CONSULTANT)
Shevchuk

Owner/Operator Contact Person First Name
Paul

Owner/Operator Mailing Address
909 Third Avenue, 21st Floor

City
New York City

State
NY

Zip
10022-____

Phone (Owner/Operator)
646-618-8715

Fax (Owner/Operator)
___-___-____

Email (Owner/Operator)
pshevchuk@onyllc.com

FED TAX ID
87-1117223 (not required for individuals)

Project Site Information

Project/Site Name
Admiral Halsey II

Street Address (NOT P.O. BOX)
135 Main Street

Side of Street
● **North** ○ **South** ○ **East** ○ **West**

City/Town/Village (THAT ISSUES BUILDING PERMIT)
City of Poughkeepsie

State: NY
Zip: 12601-
County: Dutchess
DEC Region: 3

Name of Nearest Cross Street
North Perry Street

Distance to Nearest Cross Street (Feet)
0

Project In Relation to Cross Street
○ **North** ○ **South** ● **East** ○ **West**

Tax Map Numbers
Section-Block-Parcel
6062-76-911183

Tax Map Numbers

1. Provide the Geographic Coordinates for the project site in NYTM Units. To do this you **must** go to the NYSDEC Stormwater Interactive Map on the DEC website at:

www.dec.ny.gov/imsmaps/stormwater/viewer.htm

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located your project site, go to the tool boxes on the top and choose "i"(identify). Then click on the center of your site and a new window containing the X, Y coordinates in UTM will pop up. Transcribe these coordinates into the boxes below. For problems with the interactive map use the help function.

X Coordinates (Easting): 588728

Y Coordinates (Northing): 4617714

2. What is the nature of this construction project?

○ **New Construction**

● **Redevelopment with increase in impervious area**

○ **Redevelopment with no increase in impervious area**

3. Select the predominant land use for both pre and post development conditions.
SELECT ONLY ONE CHOICE FOR EACH

Pre-Development Existing Land Use

- ○ FOREST
- ○ PASTURE/OPEN LAND
- ○ CULTIVATED LAND
- ○ SINGLE FAMILY HOME
- ○ SINGLE FAMILY SUBDIVISION
- ○ TOWN HOME RESIDENTIAL
- ○ MULTIFAMILY RESIDENTIAL
- ○ INSTITUTIONAL/SCHOOL
- ○ INDUSTRIAL
- ○ COMMERCIAL
- ○ ROAD/HIGHWAY
- ○ RECREATIONAL/SPORTS FIELD
- ○ BIKE PATH/TRAIL
- ○ LINEAR UTILITY
- ○ PARKING LOT
- ● OTHER

Elderly Housing

Post-Development Future Land Use

- ○ SINGLE FAMILY HOME
- ○ SINGLE FAMILY SUBDIVISION — Number of Lots
- ○ TOWN HOME RESIDENTIAL
- ○ MULTIFAMILY RESIDENTIAL
- ○ INSTITUTIONAL/SCHOOL
- ○ INDUSTRIAL
- ○ COMMERCIAL
- ○ MUNICIPAL
- ○ ROAD/HIGHWAY
- ○ RECREATIONAL/SPORTS FIELD
- ○ BIKE PATH/TRAIL
- ○ LINEAR UTILITY (water, sewer, gas, etc.)
- ○ PARKING LOT
- ○ CLEARING/GRADING ONLY
- ○ DEMOLITION, NO REDEVELOPMENT
- ○ WELL DRILLING ACTIVITY *(Oil, Gas, etc.)
- ● OTHER

Elderly Housing

***Note**: for gas well drilling, non-high volume hydraulic fractured wells only

4. In accordance with the larger common plan of development or sale, enter the total project site area; the total area to be disturbed; existing impervious area to be disturbed (for redevelopment activities); and the future impervious area constructed within the disturbed area. (Round to the nearest tenth of an acre.)

Total Site Area	Total Area To Be Disturbed	Existing Impervious Area To Be Disturbed	Future Impervious Area Within Disturbed Area
2.3	1.6	0.4	1.1

5. Do you plan to disturb more than 5 acres of soil at any one time? ○ **Yes** ● **No**

6. Indicate the percentage of each Hydrologic Soil Group(HSG) at the site.

A	B	C	D
100 %	0 %	0 %	0 %

7. Is this a phased project? ○ **Yes** ● **No**

8. Enter the planned start and end dates of the disturbance activities.

Start Date 06/01/2022 – **End Date** 06/01/2024

9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.

Name

Hudson River

9a. Type of waterbody identified in Question 9?

- ○ Wetland / State Jurisdiction On Site (Answer 9b)
- ○ Wetland / State Jurisdiction Off Site
- ○ Wetland / Federal Jurisdiction On Site (Answer 9b)
- ○ Wetland / Federal Jurisdiction Off Site
- ○ Stream / Creek On Site
- ○ Stream / Creek Off Site
- ○ River On Site
- ● River Off Site
- ○ Lake On Site
- ○ Lake Off Site
- ○ Other Type On Site
- ○ Other Type Off Site

9b. How was the wetland identified?

- ○ Regulatory Map
- ○ Delineated by Consultant
- ○ Delineated by Army Corps of Engineers
- ○ Other (identify)

10. Has the surface waterbody(ies) in question 9 been identified as a 303(d) segment in Appendix E of GP-0-20-001? ○ **Yes** ● **No**

11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-20-001? ○ **Yes** ● **No**

12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters? ○ **Yes** ● **No**
If no, skip question 13.

13. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey? ○ **Yes** ● **No**
If Yes, what is the acreage to be disturbed?

.

14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area? ○ **Yes** ● **No**

15. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)? ● **Yes** ○ **No** ○ **Unknown**

16. What is the name of the municipality/entity that owns the separate storm sewer system?

City of Poughkeepsie

17. Does any runoff from the site enter a sewer classified as a Combined Sewer? ● **Yes** ○ **No** ○ **Unknown**

18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law? ○ **Yes** ● **No**

19. Is this property owned by a state authority, state agency, federal government or local government? ○ **Yes** ● **No**

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.) ○ **Yes** ● **No**

21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book)? ● **Yes** ○ **No**

22. Does this construction activity require the development of a SWPPP that includes the post-construction stormwater management practice component (i.e. Runoff Reduction, Water Quality and Quantity Control practices/techniques)? ● **Yes** ○ **No**
If No, skip questions 23 and 27-39.

23. Has the post-construction stormwater management practice component of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual? ● **Yes** ○ **No**

24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

- ● **Professional Engineer (P.E.)**
- ○ **Soil and Water Conservation District (SWCD)**
- ○ **Registered Landscape Architect (R.L.A)**
- ○ **Certified Professional in Erosion and Sediment Control (CPESC)**
- ○ **Owner/Operator**
- ○ **Other**

SWPPP Preparer
LRC Engineering & Surveying, D.P.C.

Contact Name (Last, Space, First)
Morrison, Rodney

Mailing Address
85 Civic Center Plaza, Suite 103

City
Poughkeepsie

State Zip
NY 12601-

Phone
845-243-2880

Fax
- -

Email
rmorrison@lrcconsult.com

SWPPP Preparer Certification

I hereby certify that the Stormwater Pollution Prevention Plan (SWPPP) for this project has been prepared in accordance with the terms and conditions of the GP-0-20-001. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of this permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

First Name
Rodney

MI
E

Last Name
Morrison

Signature

Date
11/29/2021

25. Has a construction sequence schedule for the planned management practices been prepared? ● Yes ○ No

26. Select **all** of the erosion and sediment control practices that will be employed on the project site:

Temporary Structural

- ○ Check Dams
- ○ Construction Road Stabilization
- ○ Dust Control
- ○ Earth Dike
- ○ Level Spreader
- ○ Perimeter Dike/Swale
- ○ Pipe Slope Drain
- ○ Portable Sediment Tank
- ○ Rock Dam
- ○ Sediment Basin
- ○ Sediment Traps
- ● Silt Fence
- ● Stabilized Construction Entrance
- ● Storm Drain Inlet Protection
- ○ Straw/Hay Bale Dike
- ○ Temporary Access Waterway Crossing
- ○ Temporary Stormdrain Diversion
- ○ Temporary Swale
- ○ Turbidity Curtain
- ○ Water bars

Biotechnical

- ○ Brush Matting
- ○ Wattling

Vegetative Measures

- ○ Brush Matting
- ○ Dune Stabilization
- ○ Grassed Waterway
- ● Mulching
- ○ Protecting Vegetation
- ○ Recreation Area Improvement
- ● Seeding
- ○ Sodding
- ○ Straw/Hay Bale Dike
- ○ Streambank Protection
- ○ Temporary Swale
- ○ Topsoiling
- ○ Vegetating Waterways

Permanent Structural

- ○ Debris Basin
- ○ Diversion
- ○ Grade Stabilization Structure
- ○ Land Grading
- ○ Lined Waterway (Rock)
- ○ Paved Channel (Concrete)
- ○ Paved Flume
- ○ Retaining Wall
- ○ Riprap Slope Protection
- ○ Rock Outlet Protection
- ○ Streambank Protection

Other

Post-construction Stormwater Management Practice (SMP) Requirements

Important: Completion of Questions 27-39 is not required if response to Question 22 is No.

27. Identify all site planning practices that were used to prepare the final site plan/layout for the project.

- ● **Preservation of Undisturbed Areas**
- ● **Preservation of Buffers**
- ● **Reduction of Clearing and Grading**
- ● **Locating Development in Less Sensitive Areas**
- ● **Roadway Reduction**
- ● **Sidewalk Reduction**
- ● **Driveway Reduction**
- ● **Cul-de-sac Reduction**
- ○ **Building Footprint Reduction**
- ● **Parking Reduction**

27a. Indicate which of the following soil restoration criteria was used to address the requirements in Section 5.1.6("Soil Restoration") of the Design Manual (2010 version).

- ● All disturbed areas will be restored in accordance with the Soil Restoration requirements in Table 5.3 of the Design Manual (see page 5-22).
- ○ Compacted areas were considered as impervious cover when calculating the **WQv Required**, and the compacted areas were assigned a post-construction Hydrologic Soil Group (HSG) designation that is one level less permeable than existing conditions for the hydrology analysis.

28. Provide the total Water Quality Volume (WQv) required for this project (based on final site plan/layout).

Total WQv Required

0.08 **acre-feet**

29. Identify the RR techniques (Area Reduction), RR techniques(Volume Reduction) and Standard SMPs with RRv Capacity in Table 1 (See Page 9) that were used to reduce the Total WQv Required(#28).

Also, provide in Table 1 the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

Note: Redevelopment projects shall use Tables 1 and 2 to identify the SMPs used to treat and/or reduce the WQv required. If runoff reduction techniques will not be used to reduce the required WQv, skip to question 33a after identifying the SMPs.

Table 1 - Runoff Reduction (RR) Techniques and Standard Stormwater Management Practices (SMPs)

	Total Contributing Area (acres)		Total Contributing Impervious Area(acres)
RR Techniques (Area Reduction)			
○ Conservation of Natural Areas (RR-1)		and/or	
○ Sheetflow to Riparian Buffers/Filters Strips (RR-2)		and/or	
○ Tree Planting/Tree Pit (RR-3)		and/or	
○ Disconnection of Rooftop Runoff (RR-4)		and/or	
RR Techniques (Volume Reduction)			
○ Vegetated Swale (RR-5)			
○ Rain Garden (RR-6)			
○ Stormwater Planter (RR-7)			
○ Rain Barrel/Cistern (RR-8)			
○ Porous Pavement (RR-9)			
○ Green Roof (RR-10)			
Standard SMPs with RRv Capacity			
○ Infiltration Trench (I-1)			
○ Infiltration Basin (I-2)			
○ Dry Well (I-3)			
○ Underground Infiltration System (I-4)			0.807
○ Bioretention (F-5)			
○ Dry Swale (O-1)			
Standard SMPs			
○ Micropool Extended Detention (P-1)			
○ Wet Pond (P-2)			
○ Wet Extended Detention (P-3)			
○ Multiple Pond System (P-4)			
○ Pocket Pond (P-5)			
○ Surface Sand Filter (F-1)			
○ Underground Sand Filter (F-2)			
○ Perimeter Sand Filter (F-3)			
○ Organic Filter (F-4)			
○ Shallow Wetland (W-1)			
○ Extended Detention Wetland (W-2)			
○ Pond/Wetland System (W-3)			
○ Pocket Wetland (W-4)			
○ Wet Swale (O-2)			

Table 2 - Alternative SMPs (DO NOT INCLUDE PRACTICES BEING USED FOR PRETREATMENT ONLY)

Alternative SMP	Total Contributing Impervious Area(acres)
○ **Hydrodynamic**	
○ **Wet Vault**	
○ **Media Filter**	
○ **Other** [ ]	

Provide the name and manufacturer of the Alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.

Name

Manufacturer

Note: Redevelopment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs used, total WQv required and total WQv provided for the project.

30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29.

Total RRv provided

0.19 **acre-feet**

31. Is the Total RRv provided (#30) greater than or equal to the total WQv required (#28).

● **Yes** ○ **No**

If Yes, go to question 36.
If No, go to question 32.

32. Provide the Minimum RRv required based on HSG.
[Minimum RRv Required = (P)(0.95)(Ai)/12, Ai=(S)(Aic)]

Minimum RRv Required

. **acre-feet**

32a. Is the Total RRv provided (#30) greater than or equal to the Minimum RRv Required (#32)?

○ **Yes** ○ **No**

If Yes, go to question 33.
Note: Use the space provided in question #39 to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). A detailed evaluation of the specific site limitations and justification for not reducing 100% of the WQv required (#28) must also be included in the SWPPP.
If No, sizing criteria has not been met, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

33. Identify the Standard SMPs in Table 1 and, if applicable, the Alternative SMPs in Table 2 that were used to treat the remaining total WQv(=Total WQv Required in 28 - Total RRv Provided in 30).

Also, provide in Table 1 and 2 the total impervious area that contributes runoff to each practice selected.

Note: Use Tables 1 and 2 to identify the SMPs used on Redevelopment projects.

33a. Indicate the Total WQv provided (i.e. WQv treated) by the SMPs identified in question #33 and Standard SMPs with RRv Capacity identified in question 29.

WQv Provided

[ ][ ][ ].[ ][ ][ ] **acre-feet**

Note: For the standard SMPs with RRv capacity, the WQv provided by each practice = the WQv calculated using the contributing drainage area to the practice - RRv provided by the practice. (See Table 3.5 in Design Manual)

34. Provide the sum of the Total RRv provided (#30) and the WQv provided (#33a). [ ][ ][ ].[ ][ ][ ]

35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)? ○ **Yes** ○ **No**

If Yes, go to question 36.
If No, sizing criteria has not been met, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

36. Provide the total Channel Protection Storage Volume (CPv) required and provided or select waiver (36a), if applicable.

CPv Required

[ ][ ][ ].[ ][ ][ ] **acre-feet**

CPv Provided

[ ][ ][ ].[ ][ ][ ] **acre-feet**

36a. The need to provide channel protection has been waived because:

○ Site discharges directly to tidal waters or a fifth order or larger stream.

● Reduction of the total CPv is achieved on site through runoff reduction techniques or infiltration systems.

37. Provide the Overbank Flood (Qp) and Extreme Flood (Qf) control criteria or select waiver (37a), if applicable.

Total Overbank Flood Control Criteria (Qp)

Pre-Development

[ ][ ]6.[5][ ][ ] **CFS**

Post-development

[ ][ ]5.[0][ ][ ] **CFS**

Total Extreme Flood Control Criteria (Qf)

Pre-Development

[ ]16.[0][ ][ ] **CFS**

Post-development

[ ]10.[9][ ][ ] **CFS**

37a. The need to meet the Qp and Qf criteria has been waived because:

- ○ Site discharges directly to tidal waters or a fifth order or larger stream.
- ● Downstream analysis reveals that the Qp and Qf controls are not required

38. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed? ● **Yes** ○ **No**

If Yes, Identify the entity responsible for the long term Operation and Maintenance

Admiral Halsey II, L.P.

39. Use this space to summarize the specific site limitations and justification for not reducing 100% of WQv required(#28). (See question 32a) This space can also be used for other pertinent project information.

40. Identify other DEC permits, existing and new, that are required for this project/facility.

- ○ Air Pollution Control
- ○ Coastal Erosion
- ○ Hazardous Waste
- ○ Long Island Wells
- ○ Mined Land Reclamation
- ○ Solid Waste
- ○ Navigable Waters Protection / Article 15
- ○ Water Quality Certificate
- ○ Dam Safety
- ○ Water Supply
- ○ Freshwater Wetlands/Article 24
- ○ Tidal Wetlands
- ○ Wild, Scenic and Recreational Rivers
- ○ Stream Bed or Bank Protection / Article 15
- ○ Endangered or Threatened Species(Incidental Take Permit)
- ○ Individual SPDES
- ○ SPDES Multi-Sector GP [N][Y][R][ ][ ][ ][ ][ ][ ]
- ○ Other [ ]
- ● None

41. Does this project require a US Army Corps of Engineers Wetland Permit? ○ **Yes** ● **No**
If Yes, Indicate Size of Impact. [ ][ ][ ][ ][ ].[ ]

42. Is this project subject to the requirements of a regulated, traditional land use control MS4? ● **Yes** ○ **No**
(If No, skip question 43)

43. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI? ● **Yes** ○ **No**

44. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. [N][Y][R][ ][ ][ ][ ][ ][ ]

Owner/Operator Certification

I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

Print First Name

Paul

MI

Print Last Name

Shevchuk

Owner/Operator Signature

Date

/ /

New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505
(NOTE: Submit completed form to address above)

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity

Please indicate your permit identification number: NYR ___ ___ ___ ___ ___ ___

I. Owner or Operator Information

1. Owner/Operator Name:

2. Street Address:

3. City/State/Zip:

4. Contact Person: | 4a.Telephone:

4b. Contact Person E-Mail:

II. Project Site Information

5. Project/Site Name:

6. Street Address:

7. City/Zip:

8. County:

III. Reason for Termination

9a. □ All disturbed areas have achieved final stabilization in accordance with the general permit and SWPPP. ***Date final stabilization completed** (month/year): _____

9b. □ Permit coverage has been transferred to new owner/operator. Indicate new owner/operator's permit identification number: NYR ___ ___ ___ ___ ___ ___
(Note: Permit coverage can not be terminated by owner identified in I.1. above until new owner/operator obtains coverage under the general permit)

9c. □ Other (Explain on Page 2)

IV. Final Site Information:

10a. Did this construction activity require the development of a SWPPP that includes post-construction stormwater management practices? □ yes □ no (If no, go to question 10f.)

10b. Have all post-construction stormwater management practices included in the final SWPPP been constructed? □ yes □ no (If no, explain on Page 2)

10c. Identify the entity responsible for long-term operation and maintenance of practice(s)?

_____

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued

10d. Has the entity responsible for long-term operation and maintenance been given a copy of the operation and maintenance plan required by the general permit? □ yes □ no

10e. Indicate the method used to ensure long-term operation and maintenance of the post-construction stormwater management practice(s):

□ Post-construction stormwater management practice(s) and any right-of-way(s) needed to maintain practice(s) have been deeded to the municipality.

□ Executed maintenance agreement is in place with the municipality that will maintain the post-construction stormwater management practice(s).

□ For post-construction stormwater management practices that are privately owned, a mechanism is in place that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan, such as a deed covenant in the owner or operator's deed of record.

□ For post-construction stormwater management practices that are owned by a public or private institution (e.g. school, university or hospital), government agency or authority, or public utility; policy and procedures are in place that ensures operation and maintenance of the practice(s) in accordance with the operation and maintenance plan.

10f. Provide the total area of impervious surface (i.e. roof, pavement, concrete, gravel, etc.) constructed within the disturbance area? _____ (acres)

11. Is this project subject to the requirements of a regulated, traditional land use control MS4? □ yes □ no

(If Yes, complete section VI - "MS4 Acceptance" statement

V. Additional Information/Explanation:

(Use this section to answer questions 9c. and 10b., if applicable)

VI. MS4 Acceptance - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative (Note: Not required when 9b. is checked -transfer of coverage)

I have determined that it is acceptable for the owner or operator of the construction project identified in question 5 to submit the Notice of Termination at this time.

Printed Name:

Title/Position:

Signature:	Date:

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued

VII. Qualified Inspector Certification - Final Stabilization:

I hereby certify that all disturbed areas have achieved final stabilization as defined in the current version of the general permit, and that all temporary, structural erosion and sediment control measures have been removed. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

Printed Name:	
Title/Position:	
Signature:	Date:

VIII. Qualified Inspector Certification - Post-construction Stormwater Management Practice(s):

I hereby certify that all post-construction stormwater management practices have been constructed in conformance with the SWPPP. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

Printed Name:	
Title/Position:	
Signature:	Date:

IX. Owner or Operator Certification

I hereby certify that this document was prepared by me or under my direction or supervision. My determination, based upon my inquiry of the person(s) who managed the construction activity, or those persons directly responsible for gathering the information, is that the information provided in this document is true, accurate and complete. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

Printed Name:	
Title/Position:	
Signature:	Date:

(NYS DEC Notice of Termination - January 2015)

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SPDES GENERAL PERMIT
FOR STORMWATER DISCHARGES

From

CONSTRUCTION ACTIVITY

Permit No. GP- 0-20-001

Issued Pursuant to Article 17, Titles 7, 8 and Article 70

of the Environmental Conservation Law

Effective Date: January 29, 2020 Expiration Date: January 28, 2025

John J. Ferguson

Chief Permit Administrator

1-23-20

Authorized Signature Date

Address: NYS DEC
Division of Environmental Permits
625 Broadway, 4th Floor
Albany, N.Y. 12233-1750

PREFACE

Pursuant to Section 402 of the Clean Water Act ("CWA"), stormwater *discharges* from certain *construction activities* are unlawful unless they are authorized by a *National Pollutant Discharge Elimination System ("NPDES")* permit or by a state permit program. New York administers the approved State Pollutant Discharge Elimination System (SPDES) program with permits issued in accordance with the New York State Environmental Conservation Law (ECL) Article 17, Titles 7, 8 and Article 70.

An *owner or operator* of a *construction activity* that is eligible for coverage under this permit must obtain coverage prior to the *commencement of construction activity*. Activities that fit the definition of "*construction activity*", as defined under 40 CFR 122.26(b)(14)(x), (15)(i), and (15)(ii), constitute construction of a *point source* and therefore, pursuant to ECL section 17-0505 and 17-0701, the *owner or operator* must have coverage under a SPDES permit prior to *commencing construction activity*. The *owner or operator* cannot wait until there is an actual *discharge* from the *construction site* to obtain permit coverage.

***Note: The italicized words/phrases within this permit are defined in Appendix A.**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES

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Part 1. PERMIT COVERAGE AND LIMITATIONS

A. Permit Application

This permit authorizes stormwater *discharges* to *surface waters of the State* from the following *construction activities* identified within 40 CFR Parts 122.26(b)(14)(x), 122.26(b)(15)(i) and 122.26(b)(15)(ii), provided all of the eligibility provisions of this permit are met:

1. *Construction activities* involving soil disturbances of one (1) or more acres; including disturbances of less than one acre that are part of a *larger common plan of development or sale* that will ultimately disturb one or more acres of land; excluding *routine maintenance activity* that is performed to maintain the original line and grade, hydraulic capacity or original purpose of a facility;

2. *Construction activities* involving soil disturbances of less than one (1) acre where the Department has determined that a *SPDES* permit is required for stormwater *discharges* based on the potential for contribution to a violation of a *water quality standard* or for significant contribution of *pollutants* to *surface waters of the State.*

3. *Construction activities* located in the watershed(s) identified in Appendix D that involve soil disturbances between five thousand (5,000) square feet and one (1) acre of land.

B. Effluent Limitations Applicable to Discharges from Construction Activities

*Discharge*s authorized by this permit must achieve, at a minimum, the effluent limitations in Part I.B.1. (a) – (f) of this permit. These limitations represent the degree of effluent reduction attainable by the application of best practicable technology currently available.

1. Erosion and Sediment Control Requirements - The *owner or operator* must select, design, install, implement and maintain control measures to *minimize* the *discharge* of *pollutants* and prevent a violation of the *water quality standards*. The selection, design, installation, implementation, and maintenance of these control measures must meet the non-numeric effluent limitations in Part I.B.1.(a) – (f) of this permit and be in accordance with the New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016, using sound engineering judgment. Where control measures are not designed in conformance with the design criteria included in the technical standard, the *owner or operator* must include in the *Stormwater Pollution Prevention Plan* (“SWPPP”) the reason(s) for the

deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the technical standard.

a. **Erosion and Sediment Controls.** Design, install and maintain effective erosion and sediment controls to *minimize* the *discharge* of *pollutants* and prevent a violation of the *water quality standards*. At a minimum, such controls must be designed, installed and maintained to:

   (i) *Minimize* soil erosion through application of runoff control and soil stabilization control measure to *minimize pollutant discharge*s;

   (ii) Control stormwater *discharge*s, including both peak flowrates and total stormwater volume, to *minimize* channel and *streambank* erosion and scour in the immediate vicinity of the *discharge* points;

   (iii) *Minimize* the amount of soil exposed during *construction activity*;

   (iv) *Minimize* the disturbance of *steep slopes*;

   (v) *Minimize* sediment *discharge*s from the site;

   (vi) Provide and maintain *natural buffer*s around surface waters, direct stormwater to vegetated areas and maximize stormwater infiltration to reduce *pollutant discharge*s, unless *infeasible*;

   (vii) *Minimize* soil compaction. Minimizing soil compaction is not required where the intended function of a specific area of the site dictates that it be compacted;

   (viii) Unless *infeasible*, preserve a sufficient amount of topsoil to complete soil restoration and establish a uniform, dense vegetative cover; and

   (ix) *Minimize* dust. On areas of exposed soil, *minimize* dust through the appropriate application of water or other dust suppression techniques to control the generation of pollutants that could be discharged from the site.

b. **Soil Stabilization**. In areas where soil disturbance activity has temporarily or permanently ceased, the application of soil stabilization measures must be initiated by the end of the next business day and completed within fourteen (14) days from the date the current soil disturbance activity ceased. For construction sites that *directly discharge* to one of the 303(d) segments

listed in Appendix E or is located in one of the watersheds listed in Appendix C, the application of soil stabilization measures must be initiated by the end of the next business day and completed within seven (7) days from the date the current soil disturbance activity ceased. See Appendix A for definition of *Temporarily Ceased*.

c. **Dewatering**. *Discharge*s from *dewatering* activities, including *discharge*s from *dewatering* of trenches and excavations, must be managed by appropriate control measures.

d. **Pollution Prevention Measures**. Design, install, implement, and maintain effective pollution prevention measures to *minimize* the *discharge* of *pollutants* and prevent a violation of the *water quality standards*. At a minimum, such measures must be designed, installed, implemented and maintained to:

(i) *Minimize* the *discharge* of *pollutants* from equipment and vehicle washing, wheel wash water, and other wash waters. This applies to washing operations that use clean water only. Soaps, detergents and solvents cannot be used;

(ii) *Minimize* the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, hazardous and toxic waste, and other materials present on the site to precipitation and to stormwater. Minimization of exposure is not required in cases where the exposure to precipitation and to stormwater will not result in a *discharge* of *pollutants*, or where exposure of a specific material or product poses little risk of stormwater contamination (such as final products and materials intended for outdoor use) ; and

(iii) Prevent the *discharge* of *pollutants* from spills and leaks and implement chemical spill and leak prevention and response procedures.

e. **Prohibited *Discharges*.** The following *discharge*s are prohibited:

(i) Wastewater from washout of concrete;

(ii) Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials;

(iii) Fuels, oils, or other *pollutants* used in vehicle and equipment operation and maintenance;

(iv) Soaps or solvents used in vehicle and equipment washing; and

(v) Toxic or hazardous substances from a spill or other release.

f. Surface Outlets. When discharging from basins and impoundments, the outlets shall be designed, constructed and maintained in such a manner that sediment does not leave the basin or impoundment and that erosion at or below the outlet does not occur.

C. Post-construction Stormwater Management Practice Requirements

1. The *owner or operator* of a *construction activity* that requires post-construction stormwater management practices pursuant to Part III.C. of this permit must select, design, install, and maintain the practices to meet the *performance criteria* in the New York State Stormwater Management Design Manual ("Design Manual"), dated January 2015, using sound engineering judgment. Where post-construction stormwater management practices ("SMPs") are not designed in conformance with the *performance criteria* in the Design Manual, the *owner or operator* must include in the SWPPP the reason(s) for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the technical standard.

2. The *owner or operator* of a *construction activity* that requires post-construction stormwater management practices pursuant to Part III.C. of this permit must design the practices to meet the applicable *sizing criteria* in Part I.C.2.a., b., c. or d. of this permit.

a. Sizing Criteria for New Development

(i) Runoff Reduction Volume ("RRv"): Reduce the total Water Quality Volume ("WQv") by application of RR techniques and standard SMPs with RRv capacity. The total WQv shall be calculated in accordance with the criteria in Section 4.2 of the Design Manual.

(ii) Minimum RRv and Treatment of Remaining Total WQv: Construction activities that cannot meet the criteria in Part I.C.2.a.(i) of this permit due to site limitations shall direct runoff from all newly constructed impervious areas to a RR technique or standard SMP with RRv capacity unless infeasible. The specific site limitations that prevent the reduction of 100% of the WQv shall be documented in the SWPPP.

For each impervious area that is not directed to a RR technique or standard SMP with RRv capacity, the SWPPP must include documentation which demonstrates that all options were considered and for each option explains why it is considered infeasible.

In no case shall the runoff reduction achieved from the newly constructed impervious areas be less than the Minimum RRv as calculated using the criteria in Section 4.3 of the Design Manual. The remaining portion of the total WQv that cannot be reduced shall be treated by application of standard SMPs.

(iii) Channel Protection Volume ("Cpv"): Provide 24 hour extended detention of the post-developed 1-year, 24-hour storm event; remaining after runoff reduction. The Cpv requirement does not apply when:
(1) Reduction of the entire Cpv is achieved by application of runoff reduction techniques or infiltration systems, or
(2) The site discharges directly to tidal waters, or fifth order or larger streams.

(iv) *Overbank* Flood Control Criteria ("Qp"): Requires storage to attenuate the post-development 10-year, 24-hour peak discharge rate (Qp) to predevelopment rates. The Qp requirement does not apply when:
(1) the site discharges directly to tidal waters or fifth order or larger streams, or
(2) A downstream analysis reveals that *overbank* control is not required.

(v) Extreme Flood Control Criteria ("Qf"): Requires storage to attenuate the post-development 100-year, 24-hour peak discharge rate (Qf) to predevelopment rates. The Qf requirement does not apply when:
(1) the site discharges directly to tidal waters or fifth order or larger streams, or
(2) A downstream analysis reveals that *overbank* control is not required.

b. *Sizing Criteria* for *New Development* in Enhanced Phosphorus Removal Watershed

(i) Runoff Reduction Volume (RRv): Reduce the total Water Quality Volume (WQv) by application of RR techniques and standard SMPs with RRv capacity. The total WQv is the runoff volume from the 1-year, 24 hour design storm over the post-developed watershed and shall be

calculated in accordance with the criteria in Section 10.3 of the Design Manual.

(ii) Minimum RRv and Treatment of Remaining Total WQv: *Construction activities* that cannot meet the criteria in Part I.C.2.b.(i) of this permit due to *site limitations* shall direct runoff from all newly constructed *impervious areas* to a RR technique or standard SMP with RRv capacity unless *infeasible*. The specific *site limitations* that prevent the reduction of 100% of the WQv shall be documented in the SWPPP. For each *impervious area* that is not directed to a RR technique or standard SMP with RRv capacity, the SWPPP must include documentation which demonstrates that all options were considered and for each option explains why it is considered *infeasible.*

In no case shall the runoff reduction achieved from the newly constructed *impervious areas* be less than the Minimum RRv as calculated using the criteria in Section 10.3 of the Design Manual. The remaining portion of the total WQv that cannot be reduced shall be treated by application of standard SMPs.

(iii) Channel Protection Volume (Cpv): Provide 24 hour extended detention of the post-developed 1-year, 24-hour storm event; remaining after runoff reduction. The Cpv requirement does not apply when:
(1) Reduction of the entire Cpv is achieved by application of runoff reduction techniques or infiltration systems, or
(2) The site *discharge*s directly to tidal waters, or fifth order or larger streams.

(iv) *Overbank* Flood Control Criteria (Qp): Requires storage to attenuate the post-development 10-year, 24-hour peak *discharge* rate (Qp) to predevelopment rates. The Qp requirement does not apply when:
(1) the site *discharge*s directly to tidal waters or fifth order or larger streams, or
(2) A downstream analysis reveals that *overbank* control is not required.

(v) Extreme Flood Control Criteria (Qf): Requires storage to attenuate the post-development 100-year, 24-hour peak *discharge* rate (Qf) to predevelopment rates. The Qf requirement does not apply when:
(1) the site *discharge*s directly to tidal waters or fifth order or larger streams, or
(2) A downstream analysis reveals that *overbank* control is not required.

c. Sizing Criteria for Redevelopment Activity

(i) Water Quality Volume (WQv): The WQv treatment objective for *redevelopment activity* shall be addressed by one of the following options. *Redevelopment activities* located in an Enhanced Phosphorus Removal Watershed (see Part III.B.3. and Appendix C of this permit) shall calculate the WQv in accordance with Section 10.3 of the Design Manual. All other *redevelopment activities* shall calculate the WQv in accordance with Section 4.2 of the Design Manual.

(1) Reduce the existing *impervious cover* by a minimum of 25% of the total disturbed, *impervious area*. The Soil Restoration criteria in Section 5.1.6 of the Design Manual must be applied to all newly created pervious areas, or

(2) Capture and treat a minimum of 25% of the WQv from the disturbed, *impervious area* by the application of standard SMPs; or reduce 25% of the WQv from the disturbed, *impervious area* by the application of RR techniques or standard SMPs with RRv capacity., or

(3) Capture and treat a minimum of 75% of the WQv from the disturbed, *impervious area* as well as any additional runoff from tributary areas by application of the alternative practices discussed in Sections 9.3 and 9.4 of the Design Manual., or

(4) Application of a combination of 1, 2 and 3 above that provide a weighted average of at least two of the above methods. Application of this method shall be in accordance with the criteria in Section 9.2.1(B) (IV) of the Design Manual.

If there is an existing post-construction stormwater management practice located on the site that captures and treats runoff from the *impervious area* that is being disturbed, the WQv treatment option selected must, at a minimum, provide treatment equal to the treatment that was being provided by the existing practice(s) if that treatment is greater than the treatment required by options 1 – 4 above.

(ii) Channel Protection Volume (Cpv): Not required if there are no changes to hydrology that increase the *discharge* rate from the project site.

(iii) *Overbank* Flood Control Criteria (Qp): Not required if there are no changes to hydrology that increase the *discharge* rate from the project site.

(iv) Extreme Flood Control Criteria (Qf): Not required if there are no changes to hydrology that increase the *discharge* rate from the project site

d. Sizing Criteria for Combination of Redevelopment Activity and New Development

Construction projects that include both New Development and Redevelopment Activity shall provide post-construction stormwater management controls that meet the sizing criteria calculated as an aggregate of the Sizing Criteria in Part I.C.2.a. or b. of this permit for the New Development portion of the project and Part I.C.2.c of this permit for Redevelopment Activity portion of the project.

D. Maintaining Water Quality

The Department expects that compliance with the conditions of this permit will control *discharge*s necessary to meet applicable *water quality standards*. It shall be a violation of the *ECL* for any discharge to either cause or contribute to a violation of *water quality standards* as contained in Parts 700 through 705 of Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York, such as:

1. There shall be no increase in turbidity that will cause a substantial visible contrast to natural conditions;

2. There shall be no increase in suspended, colloidal or settleable solids that will cause deposition or impair the waters for their best usages; and

3. There shall be no residue from oil and floating substances, nor visible oil film, nor globules of grease.

If there is evidence indicating that the stormwater *discharge*s authorized by this permit are causing, have the reasonable potential to cause, or are contributing to a violation of the *water quality standards*; the *owner or operator* must take appropriate corrective action in accordance with Part IV.C.5. of this general permit and document in accordance with Part IV.C.4. of this general permit. To address the *water quality standard* violation the *owner or operator* may need to provide additional information, include and implement appropriate controls in the SWPPP to correct the problem, or obtain an individual SPDES permit.

If there is evidence indicating that despite compliance with the terms and conditions of this general permit it is demonstrated that the stormwater *discharge*s authorized by this permit are causing or contributing to a violation of *water quality standards*, or if the Department determines that a modification of the permit is necessary to prevent a violation of *water quality standards*, the authorized *discharge*s will no longer be eligible for coverage under this permit. The Department may require the *owner or operator* to obtain an individual SPDES permit to continue discharging.

E. Eligibility Under This General Permit

1. This permit may authorize all *discharges* of stormwater from *construction activity* to *surface waters of the State* and *groundwaters* except for ineligible *discharges* identified under subparagraph F. of this Part.

2. Except for non-stormwater *discharges* explicitly listed in the next paragraph, this permit only authorizes stormwater *discharge*s; including stormwater runoff, snowmelt runoff, and surface runoff and drainage, from *construction activities*.

3. Notwithstanding paragraphs E.1 and E.2 above, the following non-stormwater discharges are authorized by this permit: those listed in 6 NYCRR 750-1.2(a)(29)(vi), with the following exception: "Discharges from firefighting activities are authorized only when the firefighting activities are emergencies/unplanned"; waters to which other components have not been added that are used to control dust in accordance with the SWPPP; and uncontaminated *discharge*s from *construction site* de-watering operations. All non-stormwater discharges must be identified in the SWPPP. Under all circumstances, the *owner or operator* must still comply with *water quality standards* in Part I.D of this permit.

4. The *owner or operator* must maintain permit eligibility to *discharge* under this permit. Any *discharges* that are not compliant with the eligibility conditions of this permit are not authorized by the permit and the *owner or operator* must either apply for a separate permit to cover those ineligible *discharges* or take steps necessary to make the *discharge* eligible for coverage.

F. Activities Which Are Ineligible for Coverage Under This General Permit

All of the following are **not** authorized by this permit:

1. *Discharge*s after *construction activities* have been completed and the site has undergone *final stabilization*;

2. *Discharge*s that are mixed with sources of non-stormwater other than those expressly authorized under subsection E.3. of this Part and identified in the SWPPP required by this permit;

3. *Discharges* that are required to obtain an individual SPDES permit or another SPDES general permit pursuant to Part VII.K. of this permit;

4. *Construction activities* or *discharges* from *construction activities* that may adversely affect an *endangered or threatened species* unless the *owner or*

operator has obtained a permit issued pursuant to 6 NYCRR Part 182 for the project or the Department has issued a letter of non-jurisdiction for the project. All documentation necessary to demonstrate eligibility shall be maintained on site in accordance with Part II.D.2 of this permit;

5. *Discharges* which either cause or contribute to a violation of *water quality standards* adopted pursuant to the *ECL* and its accompanying regulations;

6. *Construction activities* for residential, commercial and institutional projects:

   a. Where the *discharge*s from the *construction activities* are tributary to waters of the state classified as AA or AA-s; and

   b. Which are undertaken on land with no existing *impervious cover*; and

   c. Which disturb one (1) or more acres of land designated on the current United States Department of Agriculture ("USDA") Soil Survey as Soil Slope Phase "D", (provided the map unit name is inclusive of slopes greater than 25%), or Soil Slope Phase "E" or "F" (regardless of the map unit name), or a combination of the three designations.

7. *Construction activities* for linear transportation projects and linear utility projects:

   a. Where the *discharge*s from the *construction activities* are tributary to waters of the state classified as AA or AA-s; and

   b. Which are undertaken on land with no existing *impervious cover*; and

   c. Which disturb two (2) or more acres of land designated on the current USDA Soil Survey as Soil Slope Phase "D" (provided the map unit name is inclusive of slopes greater than 25%), or Soil Slope Phase "E" or "F" (regardless of the map unit name), or a combination of the three designations.

8. *Construction activities* that have the potential to affect an *historic property*, unless there is documentation that such impacts have been resolved. The following documentation necessary to demonstrate eligibility with this requirement shall be maintained on site in accordance with Part II.D.2 of this permit and made available to the Department in accordance with Part VII.F of this permit:

   a. Documentation that the *construction activity* is not within an archeologically sensitive area indicated on the sensitivity map, and that the *construction activity* is not located on or immediately adjacent to a property listed or determined to be eligible for listing on the National or State Registers of Historic Places, and that there is no new permanent building on the *construction site* within the following distances from a building, structure, or object that is more than 50 years old, or if there is such a new permanent building on the *construction site* within those parameters that NYS Office of Parks, Recreation and Historic Preservation (OPRHP), a Historic Preservation Commission of a Certified Local Government, or a qualified preservation professional has determined that the building, structure, or object more than 50 years old is not historically/archeologically significant.

      - 1-5 acres of disturbance - 20 feet
      - 5-20 acres of disturbance - 50 feet
      - 20+ acres of disturbance - 100 feet, or

   b. DEC consultation form sent to OPRHP, and copied to the NYS DEC Agency Historic Preservation Officer (APO), and
      (i) the State Environmental Quality Review (SEQR) Environmental Assessment Form (EAF) with a negative declaration or the Findings Statement, with documentation of OPRHP's agreement with the resolution; or
      (ii) documentation from OPRHP that the *construction activity* will result in No Impact; or
      (iii) documentation from OPRHP providing a determination of No Adverse Impact; or
      (iv) a Letter of Resolution signed by the owner/operator, OPRHP and the DEC APO which allows for this *construction activity* to be eligible for coverage under the general permit in terms of the State Historic Preservation Act (SHPA); or

   c. Documentation of satisfactory compliance with Section 106 of the National Historic Preservation Act for a coterminous project area:

(i) No Affect
(ii) No Adverse Affect
(iii) Executed Memorandum of Agreement, or

d. Documentation that:

(i) SHPA Section 14.09 has been completed by NYS DEC or another state agency.

9. *Discharge*s from *construction activities* that are subject to an existing SPDES individual or general permit where a SPDES permit for *construction activity* has been terminated or denied; or where the *owner or operator* has failed to renew an expired individual permit.

Part II. PERMIT COVERAGE

A. How to Obtain Coverage

1. An *owner or operator* of a *construction activity* that is not subject to the requirements of a regulated, traditional land use control MS4 must first prepare a SWPPP in accordance with all applicable requirements of this permit and then submit a completed Notice of Intent (NOI) to the Department to be authorized to discharge under this permit.

2. An *owner or operator* of a *construction activity* that is subject to the requirements of a *regulated, traditional land use control MS4* must first prepare a SWPPP in accordance with all applicable requirements of this permit and then have the SWPPP reviewed and accepted by the *regulated, traditional land use control MS4* prior to submitting the NOI to the Department. The *owner or operator* shall have the “MS4 SWPPP Acceptance” form signed in accordance with Part VII.H., and then submit that form along with a completed NOI to the Department.

3. The requirement for an *owner or operator* to have its SWPPP reviewed and accepted by the *regulated, traditional land use control MS4* prior to submitting the NOI to the Department does not apply to an *owner or operator* that is obtaining permit coverage in accordance with the requirements in Part II.F. (Change of *Owner or Operator*) or where the *owner or operator* of the *construction activity* is the *regulated, traditional land use control MS4* . This exemption does not apply to *construction activities* subject to the New York City Administrative Code.

B. Notice of Intent (NOI) Submittal

1. Prior to December 21, 2020, an owner or operator shall use either the electronic (eNOI) or paper version of the NOI that the Department prepared. Both versions of the NOI are located on the Department's website (http://www.dec.ny.gov/). The paper version of the NOI shall be signed in accordance with Part VII.H. of this permit and submitted to the following address:

   NOTICE OF INTENT
   NYS DEC, Bureau of Water Permits
   625 Broadway, 4th Floor
   Albany, New York 12233-3505

2. Beginning December 21, 2020 and in accordance with EPA's 2015 NPDES Electronic Reporting Rule (40 CFR Part 127), the *owner or operator* must submit the NOI electronically using the *Department's* online NOI.

3. The *owner or operator* shall have the SWPPP preparer sign the "SWPPP Preparer Certification" statement on the NOI prior to submitting the form to the Department.

4. As of the date the NOI is submitted to the Department, the *owner or operator* shall make the NOI and SWPPP available for review and copying in accordance with the requirements in Part VII.F. of this permit.

C. Permit Authorization

1. An *owner or operator* shall not *commence construction activity* until their authorization to *discharge* under this permit goes into effect.

2. Authorization to *discharge* under this permit will be effective when the *owner or operator* has satisfied all of the following criteria:

   a. project review pursuant to the State Environmental Quality Review Act ("SEQRA") have been satisfied, when SEQRA is applicable. See the Department's website (http://www.dec.ny.gov/) for more information,

   b. where required, all necessary Department permits subject to the *Uniform Procedures Act ("UPA")* (see 6 NYCRR Part 621), or the equivalent from another New York State agency, have been obtained, unless otherwise notified by the Department pursuant to 6 NYCRR 621.3(a)(4). *Owners or operators* of *construction activities* that are required to obtain *UPA* permits

must submit a preliminary SWPPP to the appropriate DEC Permit Administrator at the Regional Office listed in Appendix F at the time all other necessary *UPA* permit applications are submitted. The preliminary SWPPP must include sufficient information to demonstrate that the *construction activity* qualifies for authorization under this permit,

c. the final SWPPP has been prepared, and

d. a complete NOI has been submitted to the Department in accordance with the requirements of this permit.

3. An *owner or operator* that has satisfied the requirements of Part II.C.2 above will be authorized to *discharge* stormwater from their *construction activity* in accordance with the following schedule:

   a. For *construction activities* that are <u>not</u> subject to the requirements of a *regulated, traditional land use control MS4*:

      (i) Five (5) business days from the date the Department receives a complete electronic version of the NOI (eNOI) for *construction activities* with a SWPPP that has been prepared in conformance with the design criteria in the technical standard referenced in Part III.B.1 and the *performance criteria* in the technical standard referenced in Parts III.B., 2 or 3, for *construction activities* that require post-construction stormwater management practices pursuant to Part III.C.; or

      (ii) Sixty (60) business days from the date the Department receives a complete NOI (electronic or paper version) for *construction activities* with a SWPPP that has <u>not</u> been prepared in conformance with the design criteria in technical standard referenced in Part III.B.1. or, for *construction activities* that require post-construction stormwater management practices pursuant to Part III.C., the *performance criteria* in the technical standard referenced in Parts III.B., 2 or 3, or;

      (iii) Ten (10) business days from the date the Department receives a complete paper version of the NOI for *construction activities* with a SWPPP that has been prepared in conformance with the design criteria in the technical standard referenced in Part III.B.1 and the *performance criteria* in the technical standard referenced in Parts III.B., 2 or 3, for *construction activities* that require post-construction stormwater management practices pursuant to Part III.C.

b. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4*:

(i) Five (5) business days from the date the Department receives both a complete electronic version of the NOI (eNOI) and signed "*MS4* SWPPP Acceptance" form, or

(ii) Ten (10) business days from the date the Department receives both a complete paper version of the NOI and signed "MS4 SWPPP Acceptance" form.

4. Coverage under this permit authorizes stormwater *discharges* from only those areas of disturbance that are identified in the NOI. If an *owner or operator* wishes to have stormwater *discharges* from future or additional areas of disturbance authorized, they must submit a new NOI that addresses that phase of the development, unless otherwise notified by the Department. The *owner or operator* shall not *commence construction activity* on the future or additional areas until their authorization to *discharge* under this permit goes into effect in accordance with Part II.C. of this permit.

D. General Requirements For Owners or Operators With Permit Coverage

1. The *owner or operator* shall ensure that the provisions of the SWPPP are implemented from the *commencement of construction activity* until all areas of disturbance have achieved *final stabilization* and the Notice of Termination ("NOT") has been submitted to the Department in accordance with Part V. of this permit. This includes any changes made to the SWPPP pursuant to Part III.A.4. of this permit.

2. The *owner or operator* shall maintain a copy of the General Permit (GP-0-20-001), NOI, *NOI Acknowledgment Letter*, SWPPP, MS4 SWPPP Acceptance form, inspection reports, responsible contractor's or subcontractor's certification statement (see Part III.A.6.), and all documentation necessary to demonstrate eligibility with this permit at the *construction site* until all disturbed areas have achieved *final stabilization* and the NOT has been submitted to the Department. The documents must be maintained in a secure location, such as a job trailer, on-site construction office, or mailbox with lock. The secure location must be accessible during normal business hours to an individual performing a compliance inspection.

3. The *owner or operator* of a *construction activity* shall not disturb greater than five (5) acres of soil at any one time without prior written authorization from the Department or, in areas under the jurisdiction of a *regulated, traditional land*

use control MS4, the *regulated, traditional land use control MS4* (provided the *regulated, traditional land use control MS4* is not the *owner or operator* of the *construction activity*). At a minimum, the *owner or operator* must comply with the following requirements in order to be authorized to disturb greater than five (5) acres of soil at any one time:

a. The *owner or operator* shall have a *qualified inspector* conduct **at least** two (2) site inspections in accordance with Part IV.C. of this permit every seven (7) calendar days, for as long as greater than five (5) acres of soil remain disturbed. The two (2) inspections shall be separated by a minimum of two (2) full calendar days.

b. In areas where soil disturbance activity has temporarily or permanently ceased, the application of soil stabilization measures must be initiated by the end of the next business day and completed within seven (7) days from the date the current soil disturbance activity ceased. The soil stabilization measures selected shall be in conformance with the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016.

c. The *owner or operator* shall prepare a phasing plan that defines maximum disturbed area per phase and shows required cuts and fills.

d. The *owner or operator* shall install any additional site-specific practices needed to protect water quality.

e. The *owner or operator* shall include the requirements above in their SWPPP.

4. In accordance with statute, regulations, and the terms and conditions of this permit, the Department may suspend or revoke an *owner's or operator's* coverage under this permit at any time if the Department determines that the SWPPP does not meet the permit requirements or consistent with Part VII.K..

5. Upon a finding of significant non-compliance with the practices described in the SWPPP or violation of this permit, the Department may order an immediate stop to all activity at the site until the non-compliance is remedied. The stop work order shall be in writing, describe the non-compliance in detail, and be sent to the *owner or operator*.

6. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4*, the *owner or operator* shall notify the

regulated, traditional land use control MS4 in writing of any planned amendments or modifications to the post-construction stormwater management practice component of the SWPPP required by Part III.A. 4. and 5. of this permit. Unless otherwise notified by the *regulated, traditional land use control MS4*, the *owner or operator* shall have the SWPPP amendments or modifications reviewed and accepted by the *regulated, traditional land use control MS4* prior to commencing construction of the post-construction stormwater management practice.

E. Permit Coverage for Discharges Authorized Under GP-0-15-002

1. Upon renewal of SPDES General Permit for Stormwater Discharges from *Construction Activity* (Permit No. GP-0-15-002), an *owner or operator* of *a construction activity* with coverage under GP-0-15-002, as of the effective date of GP- 0-20-001, shall be authorized to *discharge* in accordance with GP- 0-20-001, unless otherwise notified by the Department.

   An *owner or operator* may continue to implement the technical/design components of the post-construction stormwater management controls provided that such design was done in conformance with the technical standards in place at the time of initial project authorization. However, they must comply with the other, non-design provisions of GP-0-20-001.

F. Change of Owner or Operator

1. When property ownership changes or when there is a change in operational control over the construction plans and specifications, the original *owner or operator* must notify the new *owner or operator*, in writing, of the requirement to obtain permit coverage by submitting a NOI with the Department. For *construction activities* subject to the requirements of a *regulated, traditional land use control MS4,* the original *owner or operator* must also notify the MS4, in writing, of the change in ownership at least 30 calendar days prior to the change in ownership.

2. Once the new *owner or operator* obtains permit coverage, the original *owner or operator* shall then submit a completed NOT with the name and permit identification number of the new *owner or operator* to the Department at the address in Part II.B.1. of this permit. If the original *owner or operator* maintains ownership of a portion of the *construction activity* and will disturb soil, they must maintain their coverage under the permit.

3. Permit coverage for the new *owner or operator* will be effective as of the date the Department receives a complete NOI, provided the original *owner or*

operator was not subject to a sixty (60) business day authorization period that has not expired as of the date the Department receives the NOI from the new *owner or operator*.

Part III. STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

A. General SWPPP Requirements

1. A SWPPP shall be prepared and implemented by the *owner or operator* of each *construction activity* covered by this permit. The SWPPP must document the selection, design, installation, implementation and maintenance of the control measures and practices that will be used to meet the effluent limitations in Part I.B. of this permit and where applicable, the post-construction stormwater management practice requirements in Part I.C. of this permit. The SWPPP shall be prepared prior to the submittal of the NOI. The NOI shall be submitted to the Department prior to the *commencement of construction activity*. A copy of the completed, final NOI shall be included in the SWPPP.

2. The SWPPP shall describe the erosion and sediment control practices and where required, post-construction stormwater management practices that will be used and/or constructed to reduce the *pollutants* in stormwater *discharges* and to assure compliance with the terms and conditions of this permit. In addition, the SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater *discharges*.

3. All SWPPPs that require the post-construction stormwater management practice component shall be prepared by a *qualified professional* that is knowledgeable in the principles and practices of stormwater management and treatment.

4. The *owner or operator* must keep the SWPPP current so that it at all times accurately documents the erosion and sediment controls practices that are being used or will be used during construction, and all post-construction stormwater management practices that will be constructed on the site. At a minimum, the *owner or operator* shall amend the SWPPP, including construction drawings:

    a. whenever the current provisions prove to be ineffective in minimizing *pollutants* in stormwater *discharges* from the site;

b. whenever there is a change in design, construction, or operation at the *construction site* that has or could have an effect on the *discharge* of *pollutants*;

c. to address issues or deficiencies identified during an inspection by the *qualified inspector,* the Department or other regulatory authority; and

d. to document the final construction conditions.

5. The Department may notify the *owner or operator* at any time that the SWPPP does not meet one or more of the minimum requirements of this permit. The notification shall be in writing and identify the provisions of the SWPPP that require modification. Within fourteen (14) calendar days of such notification, or as otherwise indicated by the Department, the *owner or operator* shall make the required changes to the SWPPP and submit written notification to the Department that the changes have been made. If the *owner or operator* does not respond to the Department's comments in the specified time frame, the Department may suspend the *owner's or operator's* coverage under this permit or require the *owner or operator* to obtain coverage under an individual SPDES permit in accordance with Part II.D.4. of this permit.

6. Prior to the *commencement of construction activity*, the *owner or operator* must identify the contractor(s) and subcontractor(s) that will be responsible for installing, constructing, repairing, replacing, inspecting and maintaining the erosion and sediment control practices included in the SWPPP; and the contractor(s) and subcontractor(s) that will be responsible for constructing the post-construction stormwater management practices included in the SWPPP. The *owner or operator* shall have each of the contractors and subcontractors identify at least one person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the *trained contractor.* The *owner or operator* shall ensure that at least one *trained contractor* is on site on a daily basis when soil disturbance activities are being performed.

   The *owner or operator* shall have each of the contractors and subcontractors identified above sign a copy of the following certification statement below before they commence any *construction activity*:

   "I hereby certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the *qualified inspector* during a site inspection. I also understand that the *owner or operator* must comply with

the terms and conditions of the most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater *discharge*s from *construction activities* and that it is unlawful for any person to cause or contribute to a violation of *water quality standards*. Furthermore, I am aware that there are significant penalties for submitting false information, that I do not believe to be true, including the possibility of fine and imprisonment for knowing violations"

In addition to providing the certification statement above, the certification page must also identify the specific elements of the SWPPP that each contractor and subcontractor will be responsible for and include the name and title of the person providing the signature; the name and title of the *trained contractor* responsible for SWPPP implementation; the name, address and telephone number of the contracting firm; the address (or other identifying description) of the site; and the date the certification statement is signed. The *owner or operator* shall attach the certification statement(s) to the copy of the SWPPP that is maintained at the *construction site*. If new or additional contractors are hired to implement measures identified in the SWPPP after construction has commenced, they must also sign the certification statement and provide the information listed above.

7. For projects where the Department requests a copy of the SWPPP or inspection reports, the *owner or operator* shall submit the documents in both electronic (PDF only) and paper format within five (5) business days, unless otherwise notified by the Department.

B. Required SWPPP Contents

1. Erosion and sediment control component - All SWPPPs prepared pursuant to this permit shall include erosion and sediment control practices designed in conformance with the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016. Where erosion and sediment control practices are not designed in conformance with the design criteria included in the technical standard, the *owner or operator* must demonstrate *equivalence* to the technical standard. At a minimum, the erosion and sediment control component of the SWPPP shall include the following:

    a. Background information about the scope of the project, including the location, type and size of project

b. A site map/construction drawing(s) for the project, including a general location map. At a minimum, the site map shall show the total site area; all improvements; areas of disturbance; areas that will not be disturbed; existing vegetation; on-site and adjacent off-site surface water(s); floodplain/floodway boundaries; wetlands and drainage patterns that could be affected by the *construction activity*; existing and final contours ; locations of different soil types with boundaries; material, waste, borrow or equipment storage areas located on adjacent properties; and location(s) of the stormwater *discharge*(s);

c. A description of the soil(s) present at the site, including an identification of the Hydrologic Soil Group (HSG);

d. A construction phasing plan and sequence of operations describing the intended order of *construction activities*, including clearing and grubbing, excavation and grading, utility and infrastructure installation and any other activity at the site that results in soil disturbance;

e. A description of the minimum erosion and sediment control practices to be installed or implemented for each *construction activity* that will result in soil disturbance. Include a schedule that identifies the timing of initial placement or implementation of each erosion and sediment control practice and the minimum time frames that each practice should remain in place or be implemented;

f. A temporary and permanent soil stabilization plan that meets the requirements of this general permit and the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016, for each stage of the project, including initial land clearing and grubbing to project completion and achievement of *final stabilization*;

g. A site map/construction drawing(s) showing the specific location(s), size(s), and length(s) of each erosion and sediment control practice;

h. The dimensions, material specifications, installation details, and operation and maintenance requirements for all erosion and sediment control practices. Include the location and sizing of any temporary sediment basins and structural practices that will be used to divert flows from exposed soils;

i. A maintenance inspection schedule for the contractor(s) identified in Part III.A.6. of this permit, to ensure continuous and effective operation of the erosion and sediment control practices. The maintenance inspection

schedule shall be in accordance with the requirements in the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016;

j. A description of the pollution prevention measures that will be used to control litter, construction chemicals and construction debris from becoming a *pollutant* source in the stormwater *discharges*;

k. A description and location of any stormwater *discharges* associated with industrial activity other than construction at the site, including, but not limited to, stormwater *discharges* from asphalt plants and concrete plants located on the *construction site*; and

l. Identification of any elements of the design that are not in conformance with the design criteria in the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016. Include the reason for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the technical standard.

2. Post-construction stormwater management practice component – The *owner or operator* of any construction project identified in Table 2 of Appendix B as needing post-construction stormwater management practices shall prepare a SWPPP that includes practices designed in conformance with the applicable *sizing criteria* in Part I.C.2.a., c. or d. of this permit and the *performance criteria* in the technical standard, New York State Stormwater Management Design Manual dated January 2015

   Where post-construction stormwater management practices are not designed in conformance with the *performance criteria* in the technical standard, the *owner or operator* must include in the SWPPP the reason(s) for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the technical standard.

   The post-construction stormwater management practice component of the SWPPP shall include the following:

   a. Identification of all post-construction stormwater management practices to be constructed as part of the project. Include the dimensions, material specifications and installation details for each post-construction stormwater management practice;

b. A site map/construction drawing(s) showing the specific location and size of each post-construction stormwater management practice;

c. A Stormwater Modeling and Analysis Report that includes:
   (i) Map(s) showing pre-development conditions, including watershed/subcatchments boundaries, flow paths/routing, and design points;

   (ii) Map(s) showing post-development conditions, including watershed/subcatchments boundaries, flow paths/routing, design points and post-construction stormwater management practices;

   (iii) Results of stormwater modeling (i.e. hydrology and hydraulic analysis) for the required storm events. Include supporting calculations (model runs), methodology, and a summary table that compares pre and post-development runoff rates and volumes for the different storm events;

   (iv) Summary table, with supporting calculations, which demonstrates that each post-construction stormwater management practice has been designed in conformance with the *sizing criteria* included in the Design Manual;

   (v) Identification of any *sizing criteria* that is not required based on the requirements included in Part I.C. of this permit; and

   (vi) Identification of any elements of the design that are not in conformance with the *performance criteria* in the Design Manual. Include the reason(s) for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the Design Manual;

d. Soil testing results and locations (test pits, borings);

e. Infiltration test results, when required; and

f. An operations and maintenance plan that includes inspection and maintenance schedules and actions to ensure continuous and effective operation of each post-construction stormwater management practice. The plan shall identify the entity that will be responsible for the long term operation and maintenance of each practice.

3. Enhanced Phosphorus Removal Standards - All construction projects identified in Table 2 of Appendix B that are located in the watersheds identified in Appendix C shall prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the applicable *sizing criteria* in Part I.C.2. b., c. or d. of this permit and the *performance criteria,* Enhanced Phosphorus Removal Standards included in the Design Manual. At a minimum, the post-construction stormwater management practice component of the SWPPP shall include items 2.a - 2.f. above.

C. Required SWPPP Components by Project Type

Unless otherwise notified by the Department, *owners or operators* of *construction activities* identified in Table 1 of Appendix B are required to prepare a SWPPP that only includes erosion and sediment control practices designed in conformance with Part III.B.1 of this permit. *Owners or operators* of the *construction activities* identified in Table 2 of Appendix B shall prepare a SWPPP that also includes post-construction stormwater management practices designed in conformance with Part III.B.2 or 3 of this permit.

Part IV. INSPECTION AND MAINTENANCE REQUIREMENTS

A. General Construction Site Inspection and Maintenance Requirements

1. The *owner or operator* must ensure that all erosion and sediment control practices (including pollution prevention measures) and all post-construction stormwater management practices identified in the SWPPP are inspected and maintained in accordance with Part IV.B. and C. of this permit.

2. The terms of this permit shall not be construed to prohibit the State of New York from exercising any authority pursuant to the ECL, common law or federal law, or prohibit New York State from taking any measures, whether civil or criminal, to prevent violations of the laws of the State of New York or protect the public health and safety and/or the environment.

B. Contractor Maintenance Inspection Requirements

1. The *owner or operator* of each *construction activity* identified in Tables 1 and 2 of Appendix B shall have a *trained contractor* inspect the erosion and sediment control practices and pollution prevention measures being implemented within the active work area daily to ensure that they are being maintained in effective operating condition at all times. If deficiencies are identified, the contractor shall

begin implementing corrective actions within one business day and shall complete the corrective actions in a reasonable time frame.

2. For construction sites where soil disturbance activities have been temporarily suspended (e.g. winter shutdown) and *temporary stabilization* measures have been applied to all disturbed areas, the *trained contractor* can stop conducting the maintenance inspections. The *trained contractor* shall begin conducting the maintenance inspections in accordance with Part IV.B.1. of this permit as soon as soil disturbance activities resume.

3. For construction sites where soil disturbance activities have been shut down with partial project completion, the *trained contractor* can stop conducting the maintenance inspections if all areas disturbed as of the project shutdown date have achieved *final stabilization* and all post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational.

C. Qualified Inspector Inspection Requirements

The *owner or operator* shall have a *qualified inspector* conduct site inspections in conformance with the following requirements:

[Note: The *trained contractor* identified in Part III.A.6. and IV.B. of this permit **cannot** conduct the *qualified inspector* site inspections unless they meet the *qualified inspector* qualifications included in Appendix A. In order to perform these inspections, the *trained contractor* would have to be a:

- licensed Professional Engineer,
- Certified Professional in Erosion and Sediment Control (CPESC),
- New York State Erosion and Sediment Control Certificate Program holder
- Registered Landscape Architect, or
- someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer or Registered Landscape Architect, provided they have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity].

1. A *qualified inspector* shall conduct site inspections for all *construction activities* identified in Tables 1 and 2 of Appendix B, with the exception of:

   a. the construction of a single family residential subdivision with 25% or less *impervious cover* at total site build-out that involves a soil disturbance of one (1) or more acres of land but less than five (5) acres and is not located

in one of the watersheds listed in Appendix C and not directly discharging to one of the 303(d) segments listed in Appendix E;

b. the construction of a single family home that involves a soil disturbance of one (1) or more acres of land but less than five (5) acres and is not located in one of the watersheds listed in Appendix C and not directly discharging to one of the 303(d) segments listed in Appendix E;

c. construction on agricultural property that involves a soil disturbance of one (1) or more acres of land but less than five (5) acres; and

d. *construction activities* located in the watersheds identified in Appendix D that involve soil disturbances between five thousand (5,000) square feet and one (1) acre of land.

2. Unless otherwise notified by the Department, the *qualified inspector* shall conduct site inspections in accordance with the following timetable:

a. For construction sites where soil disturbance activities are on-going, the *qualified inspector* shall conduct a site inspection at least once every seven (7) calendar days.

b. For construction sites where soil disturbance activities are on-going and the *owner or operator* has received authorization in accordance with Part II.D.3 to disturb greater than five (5) acres of soil at any one time, the *qualified inspector* shall conduct at least two (2) site inspections every seven (7) calendar days. The two (2) inspections shall be separated by a minimum of two (2) full calendar days.

c. For construction sites where soil disturbance activities have been temporarily suspended (e.g. winter shutdown) and *temporary stabilization* measures have been applied to all disturbed areas, the *qualified inspector* shall conduct a site inspection at least once every thirty (30) calendar days. The *owner or operator* shall notify the DOW Water (SPDES) Program contact at the Regional Office (see contact information in Appendix F) or, in areas under the jurisdiction of a *regulated, traditional land use control MS4,* the *regulated, traditional land use control MS4* (provided the *regulated, traditional land use control MS4* is not the *owner or operator* of the *construction activity*) in writing prior to reducing the frequency of inspections.

d. For construction sites where soil disturbance activities have been shut down with partial project completion, the *qualified inspector* can stop conducting inspections if all areas disturbed as of the project shutdown date have achieved *final stabilization* and all post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational. The *owner or operator* shall notify the DOW Water (SPDES) Program contact at the Regional Office (see contact information in Appendix F) or, in areas under the jurisdiction of a *regulated, traditional land use control MS4,* the *regulated, traditional land use control MS4* (provided the *regulated, traditional land use control MS4* is not the *owner or operator* of the *construction activity*) in writing prior to the shutdown. If soil disturbance activities are not resumed within 2 years from the date of shutdown, the *owner or operator* shall have the *qualified inspector* perform a final inspection and certify that all disturbed areas have achieved *final stabilization,* and all temporary, structural erosion and sediment control measures have been removed*;* and that all post-construction stormwater management practices have been constructed in conformance with the SWPPP by signing the "*Final Stabilization*" and "Post-Construction Stormwater Management Practice" certification statements on the NOT. The *owner or operator* shall then submit the completed NOT form to the address in Part II.B.1 of this permit.

e. For construction sites that directly *discharge* to one of the 303(d) segments listed in Appendix E or is located in one of the watersheds listed in Appendix C, the *qualified inspector* shall conduct at least two (2) site inspections every seven (7) calendar days. The two (2) inspections shall be separated by a minimum of two (2) full calendar days.

3. At a minimum, the *qualified inspector* shall inspect all erosion and sediment control practices and pollution prevention measures to ensure integrity and effectiveness, all post-construction stormwater management practices under construction to ensure that they are constructed in conformance with the SWPPP, all areas of disturbance that have not achieved *final stabilization,* all points of *discharge* to natural surface waterbodies located within, or immediately adjacent to, the property boundaries of the *construction site*, and all points of *discharge* from the *construction site*.

4. The *qualified inspector* shall prepare an inspection report subsequent to each and every inspection. At a minimum, the inspection report shall include and/or address the following:

a. Date and time of inspection;

b. Name and title of person(s) performing inspection;

c. A description of the weather and soil conditions (e.g. dry, wet, saturated) at the time of the inspection;

d. A description of the condition of the runoff at all points of *discharge* from the *construction site*. This shall include identification of any *discharges* of sediment from the *construction site*. Include *discharges* from conveyance systems (i.e. pipes, culverts, ditches, etc.) and overland flow;

e. A description of the condition of all natural surface waterbodies located within, or immediately adjacent to, the property boundaries of the *construction site* which receive runoff from disturbed areas. This shall include identification of any *discharges* of sediment to the surface waterbody;

f. Identification of all erosion and sediment control practices and pollution prevention measures that need repair or maintenance;

g. Identification of all erosion and sediment control practices and pollution prevention measures that were not installed properly or are not functioning as designed and need to be reinstalled or replaced;

h. Description and sketch of areas with active soil disturbance activity, areas that have been disturbed but are inactive at the time of the inspection, and areas that have been stabilized (temporary and/or final) since the last inspection;

i. Current phase of construction of all post-construction stormwater management practices and identification of all construction that is not in conformance with the SWPPP and technical standards;

j. Corrective action(s) that must be taken to install, repair, replace or maintain erosion and sediment control practices and pollution prevention measures; and to correct deficiencies identified with the construction of the post-construction stormwater management practice(s);

k. Identification and status of all corrective actions that were required by previous inspection; and

l. Digital photographs, with date stamp, that clearly show the condition of all practices that have been identified as needing corrective actions. The *qualified inspector* shall attach paper color copies of the digital photographs to the inspection report being maintained onsite within seven (7) calendar days of the date of the inspection. The *qualified inspector* shall also take digital photographs, with date stamp, that clearly show the condition of the practice(s) after the corrective action has been completed. The *qualified inspector* shall attach paper color copies of the digital photographs to the inspection report that documents the completion of the corrective action work within seven (7) calendar days of that inspection.

5. Within one business day of the completion of an inspection, the *qualified inspector* shall notify the *owner or operator* and appropriate contractor or subcontractor identified in Part III.A.6. of this permit of any corrective actions that need to be taken. The contractor or subcontractor shall begin implementing the corrective actions within one business day of this notification and shall complete the corrective actions in a reasonable time frame.

6. All inspection reports shall be signed by the *qualified inspector.* Pursuant to Part II.D.2. of this permit, the inspection reports shall be maintained on site with the SWPPP.

Part V. TERMINATION OF PERMIT COVERAGE

A. Termination of Permit Coverage

1. An *owner or operator* that is eligible to terminate coverage under this permit must submit a completed NOT form to the address in Part II.B.1 of this permit. The NOT form shall be one which is associated with this permit, signed in accordance with Part VII.H of this permit.

2. An *owner or operator* may terminate coverage when one or more the following conditions have been met:

   a. Total project completion - All *construction activity* identified in the SWPPP has been completed; and all areas of disturbance have achieved *final stabilization*; and all temporary, structural erosion and sediment control measures have been removed; and all post-construction stormwater management practices have been constructed in conformance with the SWPPP and are operational;

b. Planned shutdown with partial project completion - All soil disturbance activities have ceased; and all areas disturbed as of the project shutdown date have achieved *final stabilization*; and all temporary, structural erosion and sediment control measures have been removed; and all post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational;

c. A new *owner or operator* has obtained coverage under this permit in accordance with Part II.F. of this permit.

d. The *owner or operator* obtains coverage under an alternative SPDES general permit or an individual SPDES permit.

3. For *construction activities* meeting subdivision 2a. or 2b. of this Part, the *owner or operator* shall have the *qualified inspector* perform a final site inspection prior to submitting the NOT. The *qualified inspector* shall, by signing the "*Final Stabilization*" and "Post-Construction Stormwater Management Practice certification statements on the NOT, certify that all the requirements in Part V.A.2.a. or b. of this permit have been achieved.

4. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4* and meet subdivision 2a. or 2b. of this Part, the *owner or operator* shall have the *regulated, traditional land use control MS4* sign the "MS4 Acceptance" statement on the NOT in accordance with the requirements in Part VII.H. of this permit. The *regulated, traditional land use control MS4* official, by signing this statement, has determined that it is acceptable for the *owner or operator* to submit the NOT in accordance with the requirements of this Part. The *regulated, traditional land use control MS4* can make this determination by performing a final site inspection themselves or by accepting the *qualified inspector*'s final site inspection certification(s) required in Part V.A.3. of this permit.

5. For *construction activities* that require post-construction stormwater management practices and meet subdivision 2a. of this Part, the *owner or operator* must, prior to submitting the NOT, ensure one of the following:

a. the post-construction stormwater management practice(s) and any right-of-way(s) needed to maintain such practice(s) have been deeded to the municipality in which the practice(s) is located,

b. an executed maintenance agreement is in place with the municipality that will maintain the post-construction stormwater management practice(s),

c. for post-construction stormwater management practices that are privately owned, the *owner or operator* has a mechanism in place that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan, such as a deed covenant in the *owner or operator's* deed of record,

d. for post-construction stormwater management practices that are owned by a public or private institution (e.g. school, university, hospital), government agency or authority, or public utility; the *owner or operator* has policy and procedures in place that ensures operation and maintenance of the practices in accordance with the operation and maintenance plan.

Part VI. REPORTING AND RETENTION RECORDS

A. Record Retention

The *owner or operator* shall retain a copy of the NOI, NOI Acknowledgment Letter, SWPPP, MS4 SWPPP Acceptance form and any inspection reports that were prepared in conjunction with this permit for a period of at least five (5) years from the date that the Department receives a complete NOT submitted in accordance with Part V. of this general permit.

B. Addresses

With the exception of the NOI, NOT, and MS4 SWPPP Acceptance form (which must be submitted to the address referenced in Part II.B.1 of this permit), all written correspondence requested by the Department, including individual permit applications, shall be sent to the address of the appropriate DOW Water (SPDES) Program contact at the Regional Office listed in Appendix F.

Part VII. STANDARD PERMIT CONDITIONS

A. Duty to Comply

The *owner or operator* must comply with all conditions of this permit. All contractors and subcontractors associated with the project must comply with the terms of the SWPPP. Any non-compliance with this permit constitutes a violation of the Clean Water

Act (CWA) and the ECL and is grounds for an enforcement action against the *owner or operator* and/or the contractor/subcontractor; permit revocation, suspension or modification; or denial of a permit renewal application. Upon a finding of significant non-compliance with this permit or the applicable SWPPP, the Department may order an immediate stop to all *construction activity* at the site until the non-compliance is remedied. The stop work order shall be in writing, shall describe the non-compliance in detail, and shall be sent to the *owner or operator*.

If any human remains or archaeological remains are encountered during excavation, the *owner or operator* must immediately cease, or cause to cease, all *construction activity* in the area of the remains and notify the appropriate Regional Water Engineer (RWE). *Construction activity* shall not resume until written permission to do so has been received from the RWE.

B. Continuation of the Expired General Permit

This permit expires five (5) years from the effective date. If a new general permit is not issued prior to the expiration of this general permit, an *owner or operator* with coverage under this permit may continue to operate and *discharge* in accordance with the terms and conditions of this general permit, if it is extended pursuant to the State Administrative Procedure Act and 6 NYCRR Part 621, until a new general permit is issued.

C. Enforcement

Failure of the *owner or operator,* its contractors, subcontractors, agents and/or assigns to strictly adhere to any of the permit requirements contained herein shall constitute a violation of this permit. There are substantial criminal, civil, and administrative penalties associated with violating the provisions of this permit. Fines of up to $37,500 per day for each violation and imprisonment for up to fifteen (15) years may be assessed depending upon the nature and degree of the offense.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for an *owner or operator* in an enforcement action that it would have been necessary to halt or reduce the *construction activity* in order to maintain compliance with the conditions of this permit.

E. Duty to Mitigate

The *owner or operator* and its contractors and subcontractors shall take all reasonable steps to *minimize* or prevent any *discharge* in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

F. Duty to Provide Information

The *owner or operator* shall furnish to the Department, within a reasonable specified time period of a written request, all documentation necessary to demonstrate eligibility and any information to determine compliance with this permit or to determine whether cause exists for modifying or revoking this permit, or suspending or denying coverage under this permit, in accordance with the terms and conditions of this permit. The NOI, SWPPP and inspection reports required by this permit are public documents that the *owner or operator* must make available for review and copying by any person within five (5) business days of the *owner or operator* receiving a written request by any such person to review these documents. Copying of documents will be done at the requester's expense.

G. Other Information

When the *owner or operator* becomes aware that they failed to submit any relevant facts, or submitted incorrect information in the NOI or in any of the documents required by this permit , or have made substantive revisions to the SWPPP (e.g. the scope of the project changes significantly, the type of post-construction stormwater management practice(s) changes, there is a reduction in the sizing of the post-construction stormwater management practice, or there is an increase in the disturbance area or *impervious area*), which were not reflected in the original NOI submitted to the Department, they shall promptly submit such facts or information to the Department using the contact information in Part II.A. of this permit. Failure of the *owner or operator* to correct or supplement any relevant facts within five (5) business days of becoming aware of the deficiency shall constitute a violation of this permit.

H. Signatory Requirements

1. All NOIs and NOTs shall be signed as follows:

    a. For a corporation these forms shall be signed by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:

(i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or

(ii) the manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

b. For a partnership or sole proprietorship these forms shall be signed by a general partner or the proprietor, respectively; or

c. For a municipality, State, Federal, or other public agency these forms shall be signed by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:

(i) the chief executive officer of the agency, or

(ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

2. The SWPPP and other information requested by the Department shall be signed by a person described in Part VII.H.1. of this permit or by a duly authorized representative of that person. A person is a duly authorized representative only if:

a. The authorization is made in writing by a person described in Part VII.H.1. of this permit;

b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field,

superintendent, position of *equivalent* responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position) and,

c. The written authorization shall include the name, title and signature of the authorized representative and be attached to the SWPPP.

3. All inspection reports shall be signed by the *qualified inspector* that performs the inspection.

4. The MS4 SWPPP Acceptance form shall be signed by the principal executive officer or ranking elected official from the *regulated, traditional land use control MS4,* or by a duly authorized representative of that person.

   It shall constitute a permit violation if an incorrect and/or improper signatory authorizes any required forms, SWPPP and/or inspection reports.

I. Property Rights

The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations. *Owners or operators* must obtain any applicable conveyances, easements, licenses and/or access to real property prior to *commencing construction activity*.

J. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

K. Requirement to Obtain Coverage Under an Alternative Permit

1. The Department may require any owner or operator authorized by this permit to apply for and/or obtain either an individual SPDES permit or another SPDES general permit. When the Department requires any discharger authorized by a general permit to apply for an individual SPDES permit, it shall notify the discharger in writing that a permit application is required. This notice shall

include a brief statement of the reasons for this decision, an application form, a statement setting a time frame for the owner or operator to file the application for an individual SPDES permit, and a deadline, not sooner than 180 days from owner or operator receipt of the notification letter, whereby the authorization to discharge under this general permit shall be terminated. Applications must be submitted to the appropriate Permit Administrator at the Regional Office. The Department may grant additional time upon demonstration, to the satisfaction of the Department, that additional time to apply for an alternative authorization is necessary or where the Department has not provided a permit determination in accordance with Part 621 of this Title.

2. When an individual SPDES permit is issued to a discharger authorized to *discharge* under a general SPDES permit for the same *discharge*(s), the general permit authorization for outfalls authorized under the individual SPDES permit is automatically terminated on the effective date of the individual permit unless termination is earlier in accordance with 6 NYCRR Part 750.

L. Proper Operation and Maintenance

The *owner or operator* shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the *owner or operator* to achieve compliance with the conditions of this permit and with the requirements of the SWPPP.

M. Inspection and Entry

The *owner or operator* shall allow an authorized representative of the Department, EPA, applicable county health department, or, in the case of a *construction site* which *discharges* through an *MS4*, an authorized representative of the *MS4* receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to:

1. Enter upon the owner’s or operator's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit;

2. Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit; and

3. Inspect at reasonable times any facilities or equipment (including monitoring and control equipment), practices or operations regulated or required by this permit.

4. Sample or monitor at reasonable times, for purposes of assuring permit compliance or as otherwise authorized by the Act or ECL, any substances or parameters at any location.

N. Permit Actions

This permit may, at any time, be modified, suspended, revoked, or renewed by the Department in accordance with 6 NYCRR Part 621. The filing of a request by the *owner or operator* for a permit modification, revocation and reissuance, termination, a notification of planned changes or anticipated noncompliance does not limit, diminish and/or stay compliance with any terms of this permit.

O. Definitions

Definitions of key terms are included in Appendix A of this permit.

P. Re-Opener Clause

1. If there is evidence indicating potential or realized impacts on water quality due to any stormwater discharge associated with construction activity covered by this permit, the owner or operator of such discharge may be required to obtain an individual permit or alternative general permit in accordance with Part VII.K. of this permit or the permit may be modified to include different limitations and/or requirements.

2. Any Department initiated permit modification, suspension or revocation will be conducted in accordance with 6 NYCRR Part 621, 6 NYCRR 750-1.18, and 6 NYCRR 750-1.20.

Q. Penalties for Falsification of Forms and Reports

In accordance with 6NYCRR Part 750-2.4 and 750-2.5, any person who knowingly makes any false material statement, representation, or certification in any application, record, report or other document filed or required to be maintained under this permit, including reports of compliance or noncompliance shall, upon conviction, be punished in accordance with ECL §71-1933 and or Articles 175 and 210 of the New York State Penal Law.

R. Other Permits

Nothing in this permit relieves the *owner or operator* from a requirement to obtain any other permits required by law.

APPENDIX A – Acronyms and Definitions

Acronyms

APO – Agency Preservation Officer
BMP – Best Management Practice
CPESC – Certified Professional in Erosion and Sediment Control
Cpv – Channel Protection Volume
CWA – Clean Water Act (or the Federal Water Pollution Control Act, 33 U.S.C. §1251 et seq)
DOW – Division of Water
EAF – Environmental Assessment Form
ECL - Environmental Conservation Law
EPA – U. S. Environmental Protection Agency
HSG – Hydrologic Soil Group
MS4 – Municipal Separate Storm Sewer System
NOI – Notice of Intent
NOT – Notice of Termination
NPDES – National Pollutant Discharge Elimination System
OPRHP – Office of Parks, Recreation and Historic Places
Qf – Extreme Flood
Qp – Overbank Flood
RRv – Runoff Reduction Volume
RWE – Regional Water Engineer
SEQR – State Environmental Quality Review
SEQRA - State Environmental Quality Review Act
SHPA – State Historic Preservation Act
SPDES – State Pollutant Discharge Elimination System
SWPPP – Stormwater Pollution Prevention Plan
TMDL – Total Maximum Daily Load
UPA – Uniform Procedures Act
USDA – United States Department of Agriculture
WQv – Water Quality Volume

Definitions

All definitions in this section are solely for the purposes of this permit.

Agricultural Building – a structure designed and constructed to house farm implements, hay, grain, poultry, livestock or other horticultural products; excluding any structure designed, constructed or used, in whole or in part, for human habitation, as a place of employment where agricultural products are processed, treated or packaged, or as a place used by the public.

Agricultural Property –means the land for construction of a barn, *agricultural building*, silo, stockyard, pen or other structural practices identified in Table II in the "Agricultural Management Practices Catalog for Nonpoint Source Pollution in New York State" prepared by the Department in cooperation with agencies of New York Nonpoint Source Coordinating Committee (dated June 2007).

Alter Hydrology from Pre to Post-Development Conditions - means the post-development peak flow rate(s) has increased by more than 5% of the pre-developed condition for the design storm of interest (e.g. 10 yr and 100 yr).

Combined Sewer - means a sewer that is designed to collect and convey both "sewage" and "stormwater".

Commence (Commencement of) Construction Activities - means the initial disturbance of soils associated with clearing, grading or excavation activities; or other construction related activities that disturb or expose soils such as demolition, stockpiling of fill material, and the initial installation of erosion and sediment control practices required in the SWPPP. See definition for "*Construction Activity(ies)*" also.

Construction Activity(ies) - means any clearing, grading, excavation, filling, demolition or stockpiling activities that result in soil disturbance. Clearing activities can include, but are not limited to, logging equipment operation, the cutting and skidding of trees, stump removal and/or brush root removal. Construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility.

Construction Site – means the land area where *construction activity(ies)* will occur. See definition for "*Commence (Commencement of) Construction Activities"* and "*Larger Common Plan of Development or Sale" also.*

Dewatering – means the act of draining rainwater and/or groundwater from building foundations, vaults or excavations/trenches.

Direct Discharge (to a specific surface waterbody) - means that runoff flows from a *construction site* by overland flow and the first point of discharge is the specific surface waterbody, or runoff flows from a *construction site* to a separate storm sewer system

and the first point of discharge from the separate storm sewer system is the specific surface waterbody.

Discharge(s) - means any addition of any pollutant to waters of the State through an outlet or *point source*.

Embankment –means an earthen or rock slope that supports a road/highway.

Endangered or Threatened Species – see 6 NYCRR Part 182 of the Department's rules and regulations for definition of terms and requirements.

Environmental Conservation Law (ECL) - means chapter 43-B of the Consolidated Laws of the State of New York, entitled the Environmental Conservation Law.

Equivalent (Equivalence) – means that the practice or measure meets all the performance, longevity, maintenance, and safety objectives of the technical standard and will provide an equal or greater degree of water quality protection.

Final Stabilization - means that all soil disturbance activities have ceased and a uniform, perennial vegetative cover with a density of eighty (80) percent over the entire pervious surface has been established; or other equivalent stabilization measures, such as permanent landscape mulches, rock rip-rap or washed/crushed stone have been applied on all disturbed areas that are not covered by permanent structures, concrete or pavement.

General SPDES permit - means a SPDES permit issued pursuant to 6 NYCRR Part 750-1.21 and Section 70-0117 of the ECL authorizing a category of discharges.

Groundwater(s) - means waters in the saturated zone. The saturated zone is a subsurface zone in which all the interstices are filled with water under pressure greater than that of the atmosphere. Although the zone may contain gas-filled interstices or interstices filled with fluids other than water, it is still considered saturated.

Historic Property – means any building, structure, site, object or district that is listed on the State or National Registers of Historic Places or is determined to be eligible for listing on the State or National Registers of Historic Places.

Impervious Area (Cover) - means all impermeable surfaces that cannot effectively infiltrate rainfall. This includes paved, concrete and gravel surfaces (i.e. parking lots, driveways, roads, runways and sidewalks); building rooftops and miscellaneous impermeable structures such as patios, pools, and sheds.

Infeasible – means not technologically possible, or not economically practicable and achievable in light of best industry practices.

Larger Common Plan of Development or Sale - means a contiguous area where multiple separate and distinct *construction activities* are occurring, or will occur, under one plan. The term “plan” in “larger common plan of development or sale” is broadly defined as any announcement or piece of documentation (including a sign, public notice or hearing, marketing plan, advertisement, drawing, permit application, State Environmental Quality Review Act (SEQRA) environmental assessment form or other documents, zoning request, computer design, etc.) or physical demarcation (including boundary signs, lot stakes, surveyor markings, etc.) indicating that *construction activities* may occur on a specific plot.

For discrete construction projects that are located within a larger common plan of development or sale that are at least 1/4 mile apart, each project can be treated as a separate plan of development or sale provided any interconnecting road, pipeline or utility project that is part of the same “common plan” is not concurrently being disturbed.

Minimize – means reduce and/or eliminate to the extent achievable using control measures (including best management practices) that are technologically available and economically practicable and achievable in light of best industry practices.

Municipal Separate Storm Sewer (MS4) - a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

(i) Owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to surface waters of the State*;*
(ii) Designed or used for collecting or conveying stormwater;
(iii) Which is not a *combined sewer*; and
(iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.

National Pollutant Discharge Elimination System (NPDES) - means the national system for the issuance of wastewater and stormwater permits under the Federal Water Pollution Control Act (Clean Water Act).

Natural Buffer –means an undisturbed area with natural cover running along a surface water (e.g. wetland, stream, river, lake, etc.).

New Development – means any land disturbance that does not meet the definition of Redevelopment Activity included in this appendix.

New York State Erosion and Sediment Control Certificate Program – a certificate program that establishes and maintains a process to identify and recognize individuals who are capable of developing, designing, inspecting and maintaining erosion and sediment control plans on projects that disturb soils in New York State. The certificate program is administered by the New York State Conservation District Employees Association.

NOI Acknowledgment Letter - means the letter that the Department sends to an owner or operator to acknowledge the Department's receipt and acceptance of a complete Notice of Intent. This letter documents the owner's or operator's authorization to discharge in accordance with the general permit for stormwater discharges from *construction activity*.

Nonpoint Source - means any source of water pollution or pollutants which is not a discrete conveyance or *point source* permitted pursuant to Title 7 or 8 of Article 17 of the Environmental Conservation Law (see ECL Section 17-1403).

Overbank –means flow events that exceed the capacity of the stream channel and spill out into the adjacent floodplain.

Owner or Operator - means the person, persons or legal entity which owns or leases the property on which the *construction activity* is occurring; an entity that has operational control over the construction plans and specifications, including the ability to make modifications to the plans and specifications; and/or an entity that has day-to-day operational control of those activities at a project that are necessary to ensure compliance with the permit conditions.

Performance Criteria – means the design criteria listed under the "Required Elements" sections in Chapters 5, 6 and 10 of the technical standard, New York State Stormwater Management Design Manual, dated January 2015. It does not include the Sizing Criteria (i.e. WQv, RRv, Cpv, Qp and Qf) in Part I.C.2. of the permit.

Point Source - means any discernible, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel or other floating craft, or landfill leachate collection system from which *pollutants* are or may be discharged.

Pollutant - means dredged spoil, filter backwash, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand and industrial, municipal, agricultural waste and ballast discharged into water; which may cause or might reasonably be expected to cause pollution of the waters of the state in contravention of the standards or guidance values adopted as provided in 6 NYCRR Parts 700 et seq .

Qualified Inspector - means a person that is knowledgeable in the principles and practices of erosion and sediment control, such as a licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), Registered Landscape Architect, New York State Erosion and Sediment Control Certificate Program holder or other Department endorsed individual(s).

It can also mean someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer or Registered Landscape Architect, provided that person has training in the principles and practices of erosion and sediment control. Training in the principles and practices of erosion and sediment control means that the individual working under the direct supervision of the licensed Professional Engineer or Registered Landscape Architect has received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity. After receiving the initial training, the individual working under the direct supervision of the licensed Professional Engineer or Registered Landscape Architect shall receive four (4) hours of training every three (3) years.

It can also mean a person that meets the *Qualified Professional* qualifications in addition to the *Qualified Inspector* qualifications.

Note: Inspections of any post-construction stormwater management practices that include structural components, such as a dam for an impoundment, shall be performed by a licensed Professional Engineer.

Qualified Professional - means a person that is knowledgeable in the principles and practices of stormwater management and treatment, such as a licensed Professional Engineer, Registered Landscape Architect or other Department endorsed individual(s). Individuals preparing SWPPPs that require the post-construction stormwater management practice component must have an understanding of the principles of hydrology, water quality management practice design, water quantity control design, and, in many cases, the principles of hydraulics. All components of the SWPPP that involve the practice of engineering, as defined by the NYS Education Law (see Article 145), shall be prepared by, or under the direct supervision of, a professional engineer licensed to practice in the State of New York.

Redevelopment Activity(ies) – means the disturbance and reconstruction of existing impervious area, including impervious areas that were removed from a project site within five (5) years of preliminary project plan submission to the local government (i.e. site plan, subdivision, etc.).

Regulated, Traditional Land Use Control MS4 - means a city, town or village with land use control authority that is authorized to discharge under New York State DEC's

SPDES General Permit For Stormwater Discharges from Municipal Separate Stormwater Sewer Systems (MS4s) or the City of New York's Individual SPDES Permit for their Municipal Separate Storm Sewer Systems (NY-0287890).

Routine Maintenance Activity - means *construction activity* that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility, including, but not limited to:

- Re-grading of gravel roads or parking lots,
- Cleaning and shaping of existing roadside ditches and culverts that maintains the approximate original line and grade, and hydraulic capacity of the ditch,
- Cleaning and shaping of existing roadside ditches that does not maintain the approximate original grade, hydraulic capacity and purpose of the ditch if the changes to the line and grade, hydraulic capacity or purpose of the ditch are installed to improve water quality and quantity controls (e.g. installing grass lined ditch),
- Placement of aggregate shoulder backing that stabilizes the transition between the road shoulder and the ditch or *embankment*,
- Full depth milling and filling of existing asphalt pavements, replacement of concrete pavement slabs, and similar work that does not expose soil or disturb the bottom six (6) inches of subbase material,
- Long-term use of equipment storage areas at or near highway maintenance facilities,
- Removal of sediment from the edge of the highway to restore a previously existing sheet-flow drainage connection from the highway surface to the highway ditch or *embankment*,
- Existing use of Canal Corp owned upland disposal sites for the canal, and
- Replacement of curbs, gutters, sidewalks and guide rail posts.

Site limitations – means site conditions that prevent the use of an infiltration technique and or infiltration of the total WQv. Typical site limitations include: seasonal high groundwater, shallow depth to bedrock, and soils with an infiltration rate less than 0.5 inches/hour. The existence of site limitations shall be confirmed and documented using actual field testing (i.e. test pits, soil borings, and infiltration test) or using information from the most current United States Department of Agriculture (USDA) Soil Survey for the County where the project is located.

Sizing Criteria – means the criteria included in Part I.C.2 of the permit that are used to size post-construction stormwater management control practices. The criteria include; Water Quality Volume (WQv), Runoff Reduction Volume (RRv), Channel Protection Volume (Cpv), *Overbank* Flood (Qp), and Extreme Flood (Qf).

State Pollutant Discharge Elimination System (SPDES) - means the system established pursuant to Article 17 of the ECL and 6 NYCRR Part 750 for issuance of permits authorizing discharges to the waters of the state.

Steep Slope – means land area designated on the current United States Department of Agriculture ("USDA") Soil Survey as Soil Slope Phase "D", (provided the map unit name is inclusive of slopes greater than 25%) , or Soil Slope Phase E or F, (regardless of the map unit name), or a combination of the three designations.

Streambank – as used in this permit, means the terrain alongside the bed of a creek or stream. The bank consists of the sides of the channel, between which the flow is confined.

Stormwater Pollution Prevention Plan (SWPPP) – means a project specific report, including construction drawings, that among other things: describes the construction activity(ies), identifies the potential sources of pollution at the *construction site*; describes and shows the stormwater controls that will be used to control the pollutants (i.e. erosion and sediment controls; for many projects, includes post-construction stormwater management controls); and identifies procedures the *owner or operator* will implement to comply with the terms and conditions of the permit. See Part III of the permit for a complete description of the information that must be included in the SWPPP.

Surface Waters of the State - shall be construed to include lakes, bays, sounds, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, marshes, inlets, canals, the Atlantic ocean within the territorial seas of the state of New York and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, public or private (except those private waters that do not combine or effect a junction with natural surface waters), which are wholly or partially within or bordering the state or within its jurisdiction. Waters of the state are further defined in 6 NYCRR Parts 800 to 941.

Temporarily Ceased – means that an existing disturbed area will not be disturbed again within 14 calendar days of the previous soil disturbance.

Temporary Stabilization - means that exposed soil has been covered with material(s) as set forth in the technical standard, New York Standards and Specifications for Erosion and Sediment Control, to prevent the exposed soil from eroding. The materials can include, but are not limited to, mulch, seed and mulch, and erosion control mats (e.g. jute twisted yarn, excelsior wood fiber mats).

Total Maximum Daily Loads (TMDLs) - A TMDL is the sum of the allowable loads of a single pollutant from all contributing point and *nonpoint source*s. It is a calculation of the maximum amount of a pollutant that a waterbody can receive on a daily basis and still meet *water quality standards*, and an allocation of that amount to the pollutant's sources. A TMDL stipulates wasteload allocations (WLAs) for *point source* discharges, load allocations (LAs) for *nonpoint source*s, and a margin of safety (MOS).

Trained Contractor - means an employee from the contracting (construction) company, identified in Part III.A.6., that has received four (4) hours of Department endorsed

training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity. After receiving the initial training, the *trained contractor* shall receive four (4) hours of training every three (3) years.

It can also mean an employee from the contracting (construction) company, identified in Part III.A.6., that meets the *qualified inspector* qualifications (e.g. licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), Registered Landscape Architect, New York State Erosion and Sediment Control Certificate Program holder, or someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer or Registered Landscape Architect, provided they have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity).

The *trained contractor* is responsible for the day to day implementation of the SWPPP.

Uniform Procedures Act (UPA) Permit - means a permit required under 6 NYCRR Part 621 of the Environmental Conservation Law (ECL), Article 70.

Water Quality Standard - means such measures of purity or quality for any waters in relation to their reasonable and necessary use as promulgated in 6 NYCRR Part 700 et seq.

APPENDIX B – Required SWPPP Components by Project Type

Table 1
Construction Activities that Require the Preparation of a SWPPP That Only Includes Erosion and Sediment Controls

The following construction activities that involve soil disturbances of one (1) or more acres of land, but less than five (5) acres:

- Single family home not located in one of the watersheds listed in Appendix C or not *directly discharging* to one of the 303(d) segments listed in Appendix E
- Single family residential subdivisions with 25% or less impervious cover at total site build-out and not located in one of the watersheds listed in Appendix C and not directly discharging to one of the 303(d) segments listed in Appendix E
- Construction of a barn or other *agricultural building*, silo, stock yard or pen.

The following construction activities that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land:

All construction activities located in the watersheds identified in Appendix D that involve soil disturbances between five thousand (5,000) square feet and one (1) acre of land.

The following construction activities that involve soil disturbances of one (1) or more acres of land:

- Installation of underground, linear utilities; such as gas lines, fiber-optic cable, cable TV, electric, telephone, sewer mains, and water mains
- Environmental enhancement projects, such as wetland mitigation projects, stormwater retrofits and stream restoration projects
- Pond construction
- Linear bike paths running through areas with vegetative cover, including bike paths surfaced with an impervious cover
- Cross-country ski trails and walking/hiking trails
- Sidewalk, bike path or walking path projects, surfaced with an impervious cover, that are not part of residential, commercial or institutional development;
- Sidewalk, bike path or walking path projects, surfaced with an impervious cover, that include incidental shoulder or curb work along an existing highway to support construction of the sidewalk, bike path or walking path.
- Slope stabilization projects
- Slope flattening that changes the grade of the site, but does not significantly change the runoff characteristics

Table 1 (Continued) CONSTRUCTION ACTIVITIES THAT REQUIRE THE PREPARATION OF A SWPPP THAT ONLY INCLUDES EROSION AND SEDIMENT CONTROLS

The following construction activities that involve soil disturbances of one (1) or more acres of land:

- Spoil areas that will be covered with vegetation
- Vegetated open space projects (i.e. recreational parks, lawns, meadows, fields, downhill ski trails) excluding projects that *alter hydrology from pre to post development* conditions,
- Athletic fields (natural grass) that do not include the construction or reconstruction of *impervious area* and do not *alter hydrology from pre to post development* conditions
- Demolition project where vegetation will be established, and no redevelopment is planned
- Overhead electric transmission line project that does not include the construction of permanent access roads or parking areas surfaced with *impervious cover*
- Structural practices as identified in Table II in the "Agricultural Management Practices Catalog for Nonpoint Source Pollution in New York State", excluding projects that involve soil disturbances of greater than five acres and construction activities that include the construction or reconstruction of impervious area
- Temporary access roads, median crossovers, detour roads, lanes, or other temporary impervious areas that will be restored to pre-construction conditions once the construction activity is complete

Table 2

CONSTRUCTION ACTIVITIES THAT REQUIRE THE PREPARATION OF A SWPPP THAT INCLUDES POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES

The following construction activities that involve soil disturbances of one (1) or more acres of land:

- Single family home located in one of the watersheds listed in Appendix C or *directly discharging* to one of the 303(d) segments listed in Appendix E
- Single family home that disturbs five (5) or more acres of land
- Single family residential subdivisions located in one of the watersheds listed in Appendix C or *directly discharging* to one of the 303(d) segments listed in Appendix E
- Single family residential subdivisions that involve soil disturbances of between one (1) and five (5) acres of land with greater than 25% impervious cover at total site build-out
- Single family residential subdivisions that involve soil disturbances of five (5) or more acres of land, and single family residential subdivisions that involve soil disturbances of less than five (5) acres that are part of a larger common plan of development or sale that will ultimately disturb five or more acres of land
- Multi-family residential developments; includes duplexes, townhomes, condominiums, senior housing complexes, apartment complexes, and mobile home parks
- Airports
- Amusement parks
- Breweries, cideries, and wineries, including establishments constructed on agricultural land
- Campgrounds
- Cemeteries that include the construction or reconstruction of impervious area (>5% of disturbed area) or *alter the hydrology from pre to post development* conditions
- Commercial developments
- Churches and other places of worship
- Construction of a barn or other *agricultural building* (e.g. silo) and structural practices as identified in Table II in the "Agricultural Management Practices Catalog for Nonpoint Source Pollution in New York State" that include the construction or reconstruction of *impervious area*, excluding projects that involve soil disturbances of less than five acres.
- Golf courses
- Institutional development; includes hospitals, prisons, schools and colleges
- Industrial facilities; includes industrial parks
- Landfills
- Municipal facilities; includes highway garages, transfer stations, office buildings, POTW's, water treatment plants, and water storage tanks
- Office complexes
- Playgrounds that include the construction or reconstruction of impervious area
- Sports complexes
- Racetracks; includes racetracks with earthen (dirt) surface
- Road construction or reconstruction, including roads constructed as part of the construction activities listed in Table 1

Table 2 (Continued)

CONSTRUCTION ACTIVITIES THAT REQUIRE THE PREPARATION OF A SWPPP THAT INCLUDES POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES

The following construction activities that involve soil disturbances of one (1) or more acres of land:

- Parking lot construction or reconstruction, including parking lots constructed as part of the construction activities listed in Table 1
- Athletic fields (natural grass) that include the construction or reconstruction of impervious area (>5% of disturbed area) or *alter the hydrology from pre to post development* conditions
- Athletic fields with artificial turf
- Permanent access roads, parking areas, substations, compressor stations and well drilling pads, surfaced with *impervious cover,* and constructed as part of an over-head electric transmission line project, wind-power project, cell tower project, oil or gas well drilling project, sewer or water main project or other linear utility project
- Sidewalk, bike path or walking path projects, surfaced with an impervious cover, that are part of a residential, commercial or institutional development
- Sidewalk, bike path or walking path projects, surfaced with an impervious cover, that are part of a highway construction or reconstruction project
- All other construction activities that include the construction or reconstruction of *impervious area* or *alter the hydrology from pre to post development* conditions, and are not listed in Table 1

APPENDIX C – Watersheds Requiring Enhanced Phosphorus Removal

Watersheds where *owners or operators* of construction activities identified in Table 2 of Appendix B must prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the Enhanced Phosphorus Removal Standards included in the technical standard, New York State Stormwater Management Design Manual ("Design Manual").

- Entire New York City Watershed located east of the Hudson River **-** Figure 1
- Onondaga Lake Watershed **-** Figure 2
- Greenwood Lake Watershed **-**Figure 3
- Oscawana Lake Watershed – Figure 4
- Kinderhook Lake Watershed – Figure 5

Figure 1 - New York City Watershed East of the Hudson

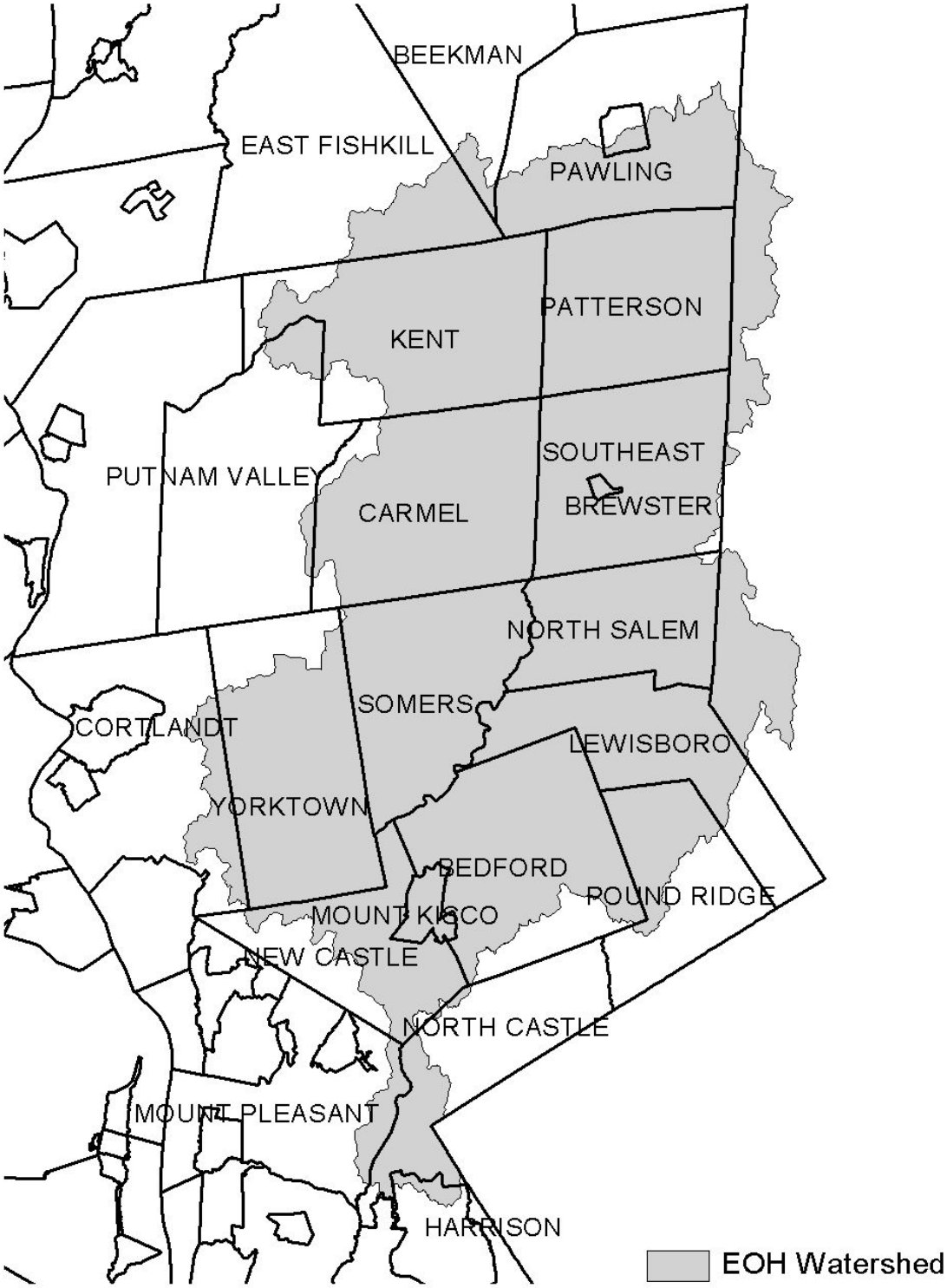


Figure 2 - Onondaga Lake Watershed

Figure 3 - Greenwood Lake Watershed

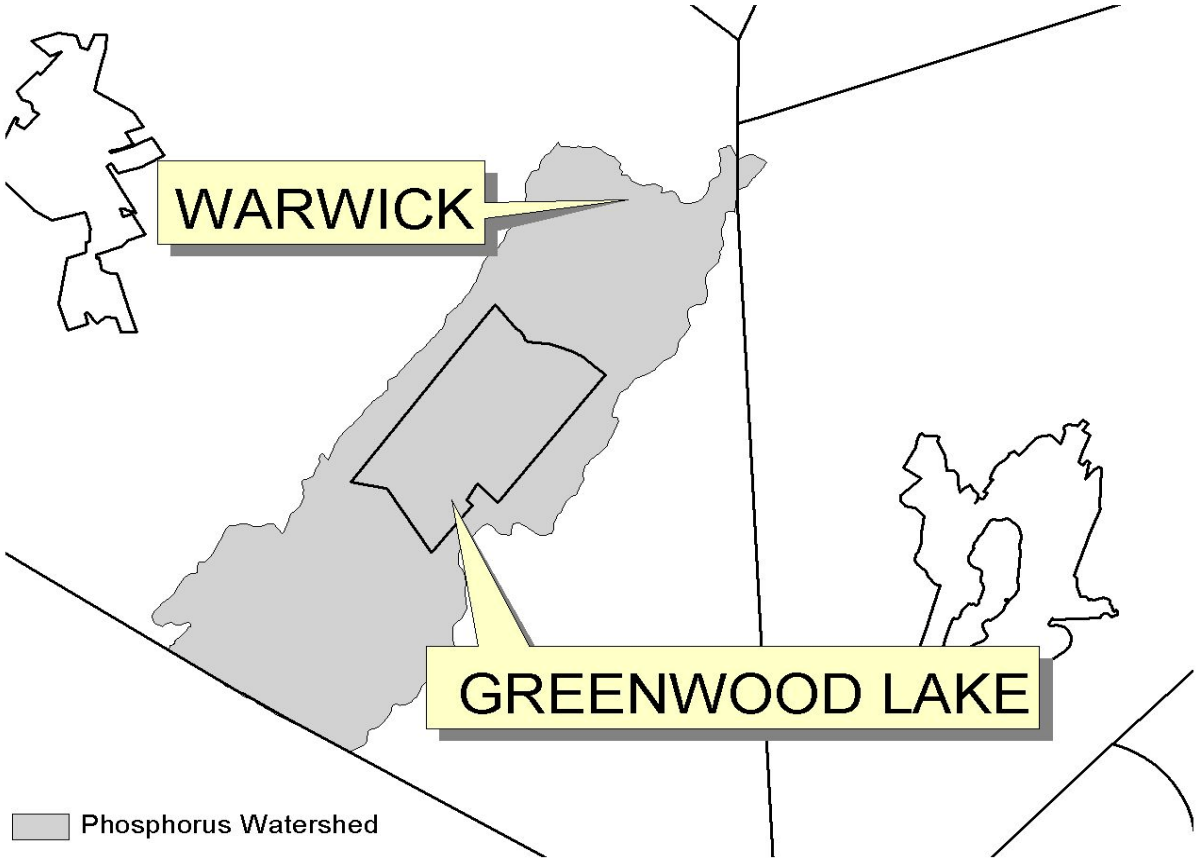


Figure 4 - Oscawana Lake Watershed

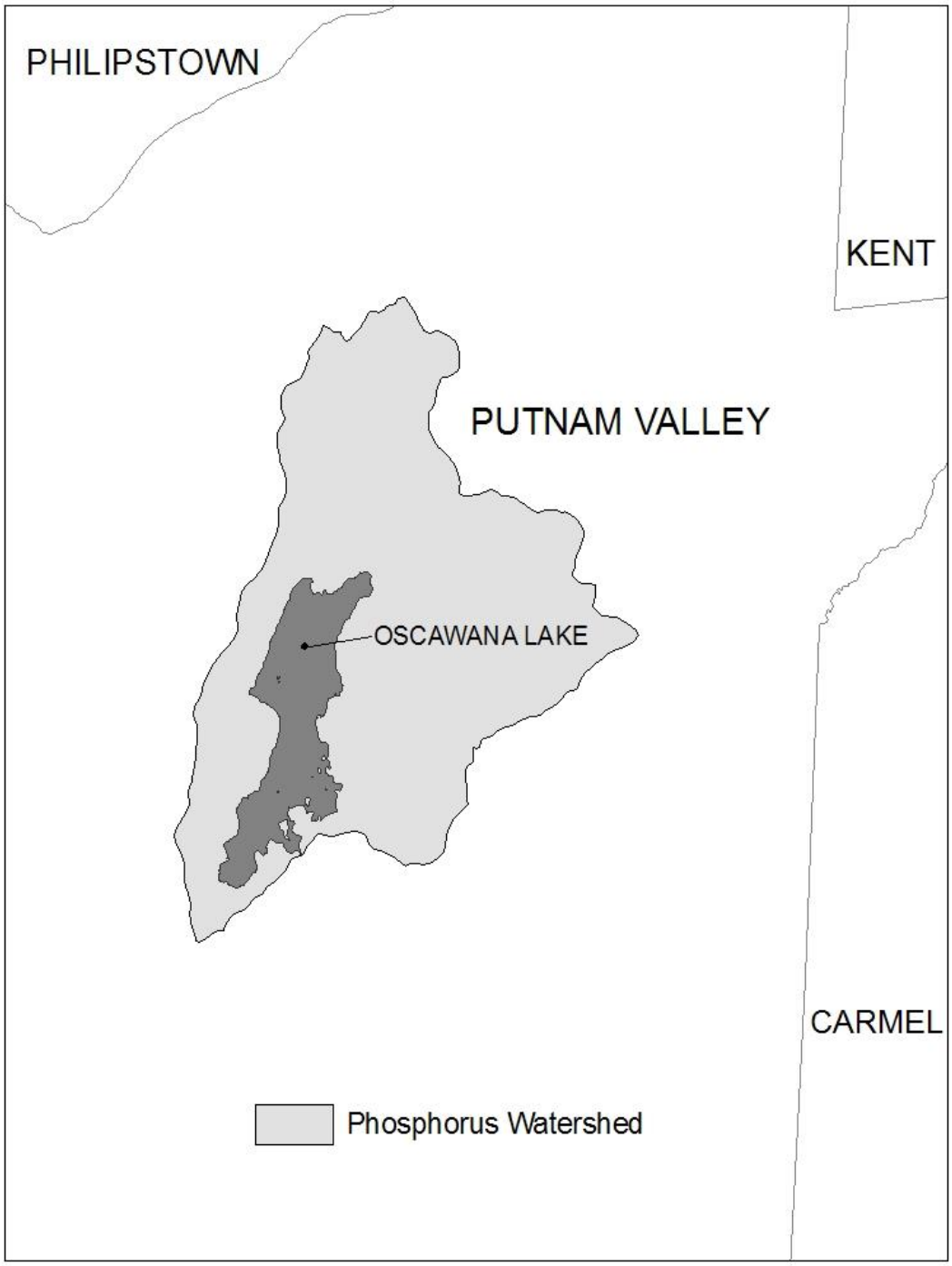
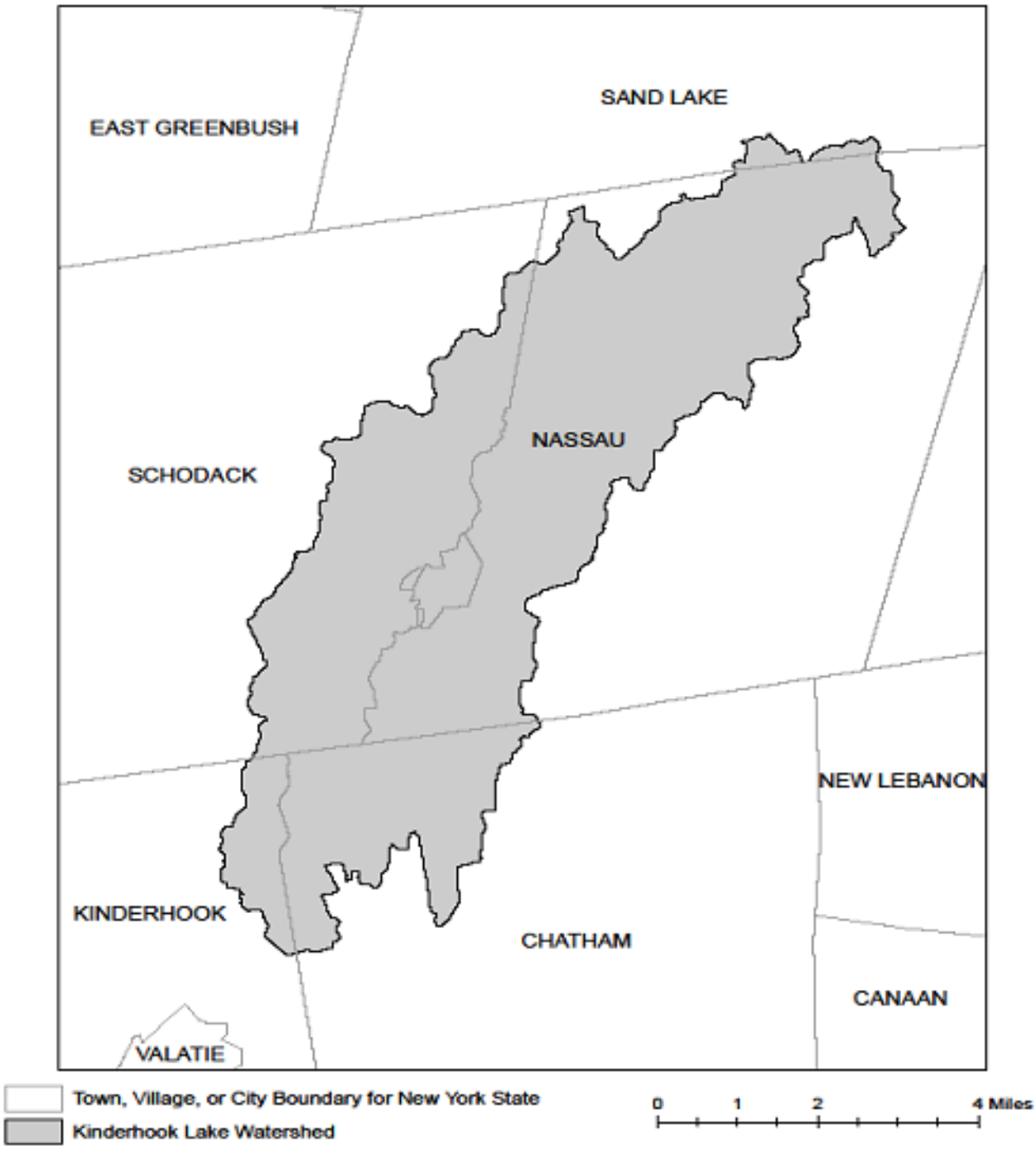


Figure 5 - Kinderhook Lake Watershed



APPENDIX D – Watersheds with Lower Disturbance Threshold

Watersheds where *owners or operators* of construction activities that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land must obtain coverage under this permit.

Entire New York City Watershed that is located east of the Hudson River - See Figure 1 in Appendix C

APPENDIX E – 303(d) Segments Impaired by Construction Related Pollutant(s)

List of 303(d) segments impaired by pollutants related to *construction activity* (e.g. silt, sediment or nutrients). The list was developed using "The Final New York State 2016 Section 303(d) List of Impaired Waters Requiring a TMDL/Other Strategy" dated November 2016. *Owners or operators* of single family home and single family residential subdivisions with 25% or less total impervious cover at total site build-out that involve soil disturbances of one or more acres of land, but less than 5 acres, and *directly discharge* to one of the listed segments below shall prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the New York State Stormwater Management Design Manual ("Design Manual"), dated January 2015.

COUNTY	WATERBODY	POLLUTANT
Albany	Ann Lee (Shakers) Pond, Stump Pond	Nutrients
Albany	Basic Creek Reservoir	Nutrients
Allegany	Amity Lake, Saunders Pond	Nutrients
Bronx	Long Island Sound, Bronx	Nutrients
Bronx	Van Cortlandt Lake	Nutrients
Broome	Fly Pond, Deer Lake, Sky Lake	Nutrients
Broome	Minor Tribs to Lower Susquehanna (north)	Nutrients
Broome	Whitney Point Lake/Reservoir	Nutrients
Cattaraugus	Allegheny River/Reservoir	Nutrients
Cattaraugus	Beaver (Alma) Lake	Nutrients
Cattaraugus	Case Lake	Nutrients
Cattaraugus	Linlyco/Club Pond	Nutrients
Cayuga	Duck Lake	Nutrients
Cayuga	Little Sodus Bay	Nutrients
Chautauqua	Bear Lake	Nutrients
Chautauqua	Chadakoin River and tribs	Nutrients
Chautauqua	Chautauqua Lake, North	Nutrients
Chautauqua	Chautauqua Lake, South	Nutrients
Chautauqua	Findley Lake	Nutrients
Chautauqua	Hulburt/Clymer Pond	Nutrients
Clinton	Great Chazy River, Lower, Main Stem	Silt/Sediment
Clinton	Lake Champlain, Main Lake, Middle	Nutrients
Clinton	Lake Champlain, Main Lake, North	Nutrients
Columbia	Kinderhook Lake	Nutrients
Columbia	Robinson Pond	Nutrients
Cortland	Dean Pond	Nutrients

303(d) Segments Impaired by Construction Related Pollutant(s)

Dutchess	Fall Kill and tribs	Nutrients
Dutchess	Hillside Lake	Nutrients
Dutchess	Wappingers Lake	Nutrients
Dutchess	Wappingers Lake	Silt/Sediment
Erie	Beeman Creek and tribs	Nutrients
Erie	Ellicott Creek, Lower, and tribs	Silt/Sediment
Erie	Ellicott Creek, Lower, and tribs	Nutrients
Erie	Green Lake	Nutrients
Erie	Little Sister Creek, Lower, and tribs	Nutrients
Erie	Murder Creek, Lower, and tribs	Nutrients
Erie	Rush Creek and tribs	Nutrients
Erie	Scajaquada Creek, Lower, and tribs	Nutrients
Erie	Scajaquada Creek, Middle, and tribs	Nutrients
Erie	Scajaquada Creek, Upper, and tribs	Nutrients
Erie	South Branch Smoke Cr, Lower, and tribs	Silt/Sediment
Erie	South Branch Smoke Cr, Lower, and tribs	Nutrients
Essex	Lake Champlain, Main Lake, South	Nutrients
Essex	Lake Champlain, South Lake	Nutrients
Essex	Willsboro Bay	Nutrients
Genesee	Bigelow Creek and tribs	Nutrients
Genesee	Black Creek, Middle, and minor tribs	Nutrients
Genesee	Black Creek, Upper, and minor tribs	Nutrients
Genesee	Bowen Brook and tribs	Nutrients
Genesee	LeRoy Reservoir	Nutrients
Genesee	Oak Orchard Cr, Upper, and tribs	Nutrients
Genesee	Tonawanda Creek, Middle, Main Stem	Nutrients
Greene	Schoharie Reservoir	Silt/Sediment
Greene	Sleepy Hollow Lake	Silt/Sediment
Herkimer	Steele Creek tribs	Silt/Sediment
Herkimer	Steele Creek tribs	Nutrients
Jefferson	Moon Lake	Nutrients
Kings	Hendrix Creek	Nutrients
Kings	Prospect Park Lake	Nutrients
Lewis	Mill Creek/South Branch, and tribs	Nutrients
Livingston	Christie Creek and tribs	Nutrients
Livingston	Conesus Lake	Nutrients
Livingston	Mill Creek and minor tribs	Silt/Sediment
Monroe	Black Creek, Lower, and minor tribs	Nutrients
Monroe	Buck Pond	Nutrients
Monroe	Cranberry Pond	Nutrients

303(d) Segments Impaired by Construction Related Pollutant(s)

Monroe	Lake Ontario Shoreline, Western	Nutrients
Monroe	Long Pond	Nutrients
Monroe	Mill Creek and tribs	Nutrients
Monroe	Mill Creek/Blue Pond Outlet and tribs	Nutrients
Monroe	Minor Tribs to Irondequoit Bay	Nutrients
Monroe	Rochester Embayment - East	Nutrients
Monroe	Rochester Embayment - West	Nutrients
Monroe	Shipbuilders Creek and tribs	Nutrients
Monroe	Thomas Creek/White Brook and tribs	Nutrients
Nassau	Beaver Lake	Nutrients
Nassau	Camaans Pond	Nutrients
Nassau	East Meadow Brook, Upper, and tribs	Silt/Sediment
Nassau	East Rockaway Channel	Nutrients
Nassau	Grant Park Pond	Nutrients
Nassau	Hempstead Bay	Nutrients
Nassau	Hempstead Lake	Nutrients
Nassau	Hewlett Bay	Nutrients
Nassau	Hog Island Channel	Nutrients
Nassau	Long Island Sound, Nassau County Waters	Nutrients
Nassau	Massapequa Creek and tribs	Nutrients
Nassau	Milburn/Parsonage Creeks, Upp, and tribs	Nutrients
Nassau	Reynolds Channel, west	Nutrients
Nassau	Tidal Tribs to Hempstead Bay	Nutrients
Nassau	Tribs (fresh) to East Bay	Nutrients
Nassau	Tribs (fresh) to East Bay	Silt/Sediment
Nassau	Tribs to Smith/Halls Ponds	Nutrients
Nassau	Woodmere Channel	Nutrients
New York	Harlem Meer	Nutrients
New York	The Lake in Central Park	Nutrients
Niagara	Bergholtz Creek and tribs	Nutrients
Niagara	Hyde Park Lake	Nutrients
Niagara	Lake Ontario Shoreline, Western	Nutrients
Niagara	Lake Ontario Shoreline, Western	Nutrients
Oneida	Ballou, Nail Creeks and tribs	Nutrients
Onondaga	Harbor Brook, Lower, and tribs	Nutrients
Onondaga	Ley Creek and tribs	Nutrients
Onondaga	Minor Tribs to Onondaga Lake	Nutrients
Onondaga	Ninemile Creek, Lower, and tribs	Nutrients
Onondaga	Onondaga Creek, Lower, and tribs	Nutrients
Onondaga	Onondaga Creek, Middle, and tribs	Nutrients

303(d) Segments Impaired by Construction Related Pollutant(s)

Onondaga	Onondaga Lake, northern end	Nutrients
Onondaga	Onondaga Lake, southern end	Nutrients
Ontario	Great Brook and minor tribs	Silt/Sediment
Ontario	Great Brook and minor tribs	Nutrients
Ontario	Hemlock Lake Outlet and minor tribs	Nutrients
Ontario	Honeoye Lake	Nutrients
Orange	Greenwood Lake	Nutrients
Orange	Monhagen Brook and tribs	Nutrients
Orange	Orange Lake	Nutrients
Orleans	Lake Ontario Shoreline, Western	Nutrients
Orleans	Lake Ontario Shoreline, Western	Nutrients
Oswego	Lake Neatahwanta	Nutrients
Oswego	Pleasant Lake	Nutrients
Putnam	Bog Brook Reservoir	Nutrients
Putnam	Boyd Corners Reservoir	Nutrients
Putnam	Croton Falls Reservoir	Nutrients
Putnam	Diverting Reservoir	Nutrients
Putnam	East Branch Reservoir	Nutrients
Putnam	Lake Carmel	Nutrients
Putnam	Middle Branch Reservoir	Nutrients
Putnam	Oscawana Lake	Nutrients
Putnam	Palmer Lake	Nutrients
Putnam	West Branch Reservoir	Nutrients
Queens	Bergen Basin	Nutrients
Queens	Flushing Creek/Bay	Nutrients
Queens	Jamaica Bay, Eastern, and tribs (Queens)	Nutrients
Queens	Kissena Lake	Nutrients
Queens	Meadow Lake	Nutrients
Queens	Willow Lake	Nutrients
Rensselaer	Nassau Lake	Nutrients
Rensselaer	Snyders Lake	Nutrients
Richmond	Grasmere Lake/Bradys Pond	Nutrients
Rockland	Congers Lake, Swartout Lake	Nutrients
Rockland	Rockland Lake	Nutrients
Saratoga	Ballston Lake	Nutrients
Saratoga	Dwaas Kill and tribs	Silt/Sediment
Saratoga	Dwaas Kill and tribs	Nutrients
Saratoga	Lake Lonely	Nutrients
Saratoga	Round Lake	Nutrients
Saratoga	Tribs to Lake Lonely	Nutrients

303(d) Segments Impaired by Construction Related Pollutant(s)

Schenectady	Collins Lake	Nutrients
Schenectady	Duane Lake	Nutrients
Schenectady	Mariaville Lake	Nutrients
Schoharie	Engleville Pond	Nutrients
Schoharie	Summit Lake	Nutrients
Seneca	Reeder Creek and tribs	Nutrients
St.Lawrence	Black Lake Outlet/Black Lake	Nutrients
St.Lawrence	Fish Creek and minor tribs	Nutrients
Steuben	Smith Pond	Nutrients
Suffolk	Agawam Lake	Nutrients
Suffolk	Big/Little Fresh Ponds	Nutrients
Suffolk	Canaan Lake	Silt/Sediment
Suffolk	Canaan Lake	Nutrients
Suffolk	Flanders Bay, West/Lower Sawmill Creek	Nutrients
Suffolk	Fresh Pond	Nutrients
Suffolk	Great South Bay, East	Nutrients
Suffolk	Great South Bay, Middle	Nutrients
Suffolk	Great South Bay, West	Nutrients
Suffolk	Lake Ronkonkoma	Nutrients
Suffolk	Long Island Sound, Suffolk County, West	Nutrients
Suffolk	Mattituck (Marratooka) Pond	Nutrients
Suffolk	Meetinghouse/Terrys Creeks and tribs	Nutrients
Suffolk	Mill and Seven Ponds	Nutrients
Suffolk	Millers Pond	Nutrients
Suffolk	Moriches Bay, East	Nutrients
Suffolk	Moriches Bay, West	Nutrients
Suffolk	Peconic River, Lower, and tidal tribs	Nutrients
Suffolk	Quantuck Bay	Nutrients
Suffolk	Shinnecock Bay and Inlet	Nutrients
Suffolk	Tidal tribs to West Moriches Bay	Nutrients
Sullivan	Bodine, Montgomery Lakes	Nutrients
Sullivan	Davies Lake	Nutrients
Sullivan	Evens Lake	Nutrients
Sullivan	Pleasure Lake	Nutrients
Tompkins	Cayuga Lake, Southern End	Nutrients
Tompkins	Cayuga Lake, Southern End	Silt/Sediment
Tompkins	Owasco Inlet, Upper, and tribs	Nutrients
Ulster	Ashokan Reservoir	Silt/Sediment
Ulster	Esopus Creek, Upper, and minor tribs	Silt/Sediment
Warren	Hague Brook and tribs	Silt/Sediment

303(d) Segments Impaired by Construction Related Pollutant(s)

Warren	Huddle/Finkle Brooks and tribs	Silt/Sediment
Warren	Indian Brook and tribs	Silt/Sediment
Warren	Lake George	Silt/Sediment
Warren	Tribs to L.George, Village of L George	Silt/Sediment
Washington	Cossayuna Lake	Nutrients
Washington	Lake Champlain, South Bay	Nutrients
Washington	Tribs to L.George, East Shore	Silt/Sediment
Washington	Wood Cr/Champlain Canal and minor tribs	Nutrients
Wayne	Port Bay	Nutrients
Westchester	Amawalk Reservoir	Nutrients
Westchester	Blind Brook, Upper, and tribs	Silt/Sediment
Westchester	Cross River Reservoir	Nutrients
Westchester	Lake Katonah	Nutrients
Westchester	Lake Lincolndale	Nutrients
Westchester	Lake Meahagh	Nutrients
Westchester	Lake Mohegan	Nutrients
Westchester	Lake Shenorock	Nutrients
Westchester	Long Island Sound, Westchester (East)	Nutrients
Westchester	Mamaroneck River, Lower	Silt/Sediment
Westchester	Mamaroneck River, Upper, and minor tribs	Silt/Sediment
Westchester	Muscoot/Upper New Croton Reservoir	Nutrients
Westchester	New Croton Reservoir	Nutrients
Westchester	Peach Lake	Nutrients
Westchester	Reservoir No.1 (Lake Isle)	Nutrients
Westchester	Saw Mill River, Lower, and tribs	Nutrients
Westchester	Saw Mill River, Middle, and tribs	Nutrients
Westchester	Sheldrake River and tribs	Silt/Sediment
Westchester	Sheldrake River and tribs	Nutrients
Westchester	Silver Lake	Nutrients
Westchester	Teatown Lake	Nutrients
Westchester	Titicus Reservoir	Nutrients
Westchester	Truesdale Lake	Nutrients
Westchester	Wallace Pond	Nutrients
Wyoming	Java Lake	Nutrients
Wyoming	Silver Lake	Nutrients

APPENDIX F – List of NYS DEC Regional Offices

Region	Covering the following counties:	DIVISION OF ENVIRONMENTAL PERMITS (DEP) Permit Administrators	DIVISION OF WATER (DOW) Water (SPDES) Program
1	Nassau and Suffolk	50 Circle Road Stony Brook, NY 11790 Tel. (631) 444-0365	50 Circle Road Stony Brook, NY 11790-3409 Tel. (631) 444-0405
2	Bronx, Kings, New York, Queens and Richmond	1 Hunters Point Plaza, 47-40 21st St. Long Island City, NY 11101-5407 Tel. (718) 482-4997	1 Hunters Point Plaza, 47-40 21st St. Long Island City, NY 11101-5407 Tel. (718) 482-4933
3	Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster and Westchester	21 South Putt Corners Road New Paltz, NY 12561-1696 Tel. (845) 256-3059	100 Hillside Avenue, Suite 1w White Plains, NY 10603 Tel. (914) 428 - 2505
4	Albany, Columbia, Delaware, Greene, Montgomery, Otsego, Rensselaer, Schenectady and Schoharie	1150 North Westcott Road Schenectady, NY 12306-2014 Tel. (518) 357-2069	1130 North Westcott Road Schenectady, NY 12306-2014 Tel. (518) 357-2045
5	Clinton, Essex, Franklin, Fulton, Hamilton, Saratoga, Warren and Washington	1115 State Route 86, Po Box 296 Ray Brook, NY 12977-0296 Tel. (518) 897-1234	232 Golf Course Road Warrensburg, NY 12885-1172 Tel. (518) 623-1200
6	HERKIMER, JEFFERSON, LEWIS, ONEIDA AND ST. LAWRENCE	STATE OFFICE BUILDING 317 WASHINGTON STREET WATERTOWN, NY 13601-3787 TEL. (315) 785-2245	STATE OFFICE BUILDING 207 GENESEE STREET UTICA, NY 13501-2885 TEL. (315) 793-2554
7	BROOME, CAYUGA, CHENANGO, CORTLAND, MADISON, ONONDAGA, OSWEGO, TIOGA AND TOMPKINS	615 ERIE BLVD. WEST SYRACUSE, NY 13204-2400 TEL. (315) 426-7438	615 ERIE BLVD. WEST SYRACUSE, NY 13204-2400 TEL. (315) 426-7500
8	CHEMUNG, GENESEE, LIVINGSTON, MONROE, ONTARIO, ORLEANS, SCHUYLER, SENECA, STEUBEN, WAYNE AND YATES	6274 EAST AVON-LIMA ROADAVON, NY 14414-9519 TEL. (585) 226-2466	6274 EAST AVON-LIMA RD. AVON, NY 14414-9519 TEL. (585) 226-2466
9	ALLEGANY, CATTARAUGUS, CHAUTAUQUA, ERIE, NIAGARA AND WYOMING	270 MICHIGAN AVENUE BUFFALO, NY 14203-2999 TEL. (716) 851-7165	270 MICHIGAN AVENUE BUFFALO, NY 14203-2999 TEL. (716) 851-7070

NYS Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505

MS4 Stormwater Pollution Prevention Plan (SWPPP) Acceptance Form

for

Construction Activities Seeking Authorization Under SPDES General Permit

*(NOTE: Attach Completed Form to Notice Of Intent and Submit to Address Above)

I. Project Owner/Operator Information
1. Owner/Operator Name:
2. Contact Person:
3. Street Address:
4. City/State/Zip:
II. Project Site Information
5. Project/Site Name:
6. Street Address:
7. City/State/Zip:
III. Stormwater Pollution Prevention Plan (SWPPP) Review and Acceptance Information
8. SWPPP Reviewed by:
9. Title/Position:
10. Date Final SWPPP Reviewed and Accepted:
IV. Regulated MS4 Information
11. Name of MS4:
12. MS4 SPDES Permit Identification Number: NYR20A _____
13. Contact Person:
14. Street Address:
15. City/State/Zip:
16. Telephone Number:

MS4 SWPPP Acceptance Form - continued

V. Certification Statement - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative

I hereby certify that the final Stormwater Pollution Prevention Plan (SWPPP) for the construction project identified in question 5 has been reviewed and meets the substantive requirements in the SPDES General Permit For Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s). Note: The MS4, through the acceptance of the SWPPP, assumes no responsibility for the accuracy and adequacy of the design included in the SWPPP. In addition, review and acceptance of the SWPPP by the MS4 does not relieve the owner/operator or their SWPPP preparer of responsibility or liability for errors or omissions in the plan.

Printed Name:

Title/Position:

Signature:

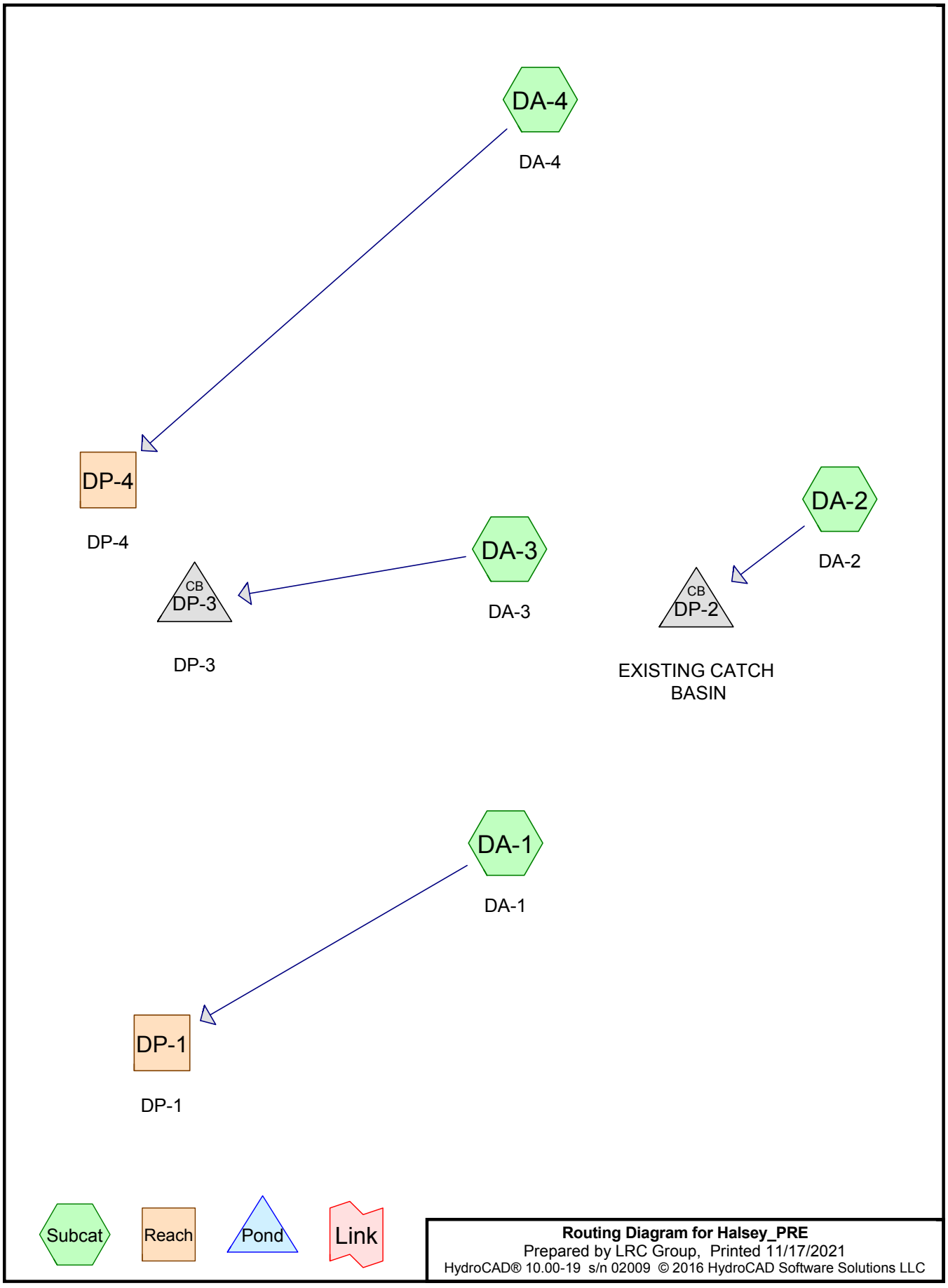
Date:

VI. Additional Information

(NYS DEC - MS4 SWPPP Acceptance Form - January 2015)

APPENDIX C

Pre-Development and Post-Development Run-off Calculations


DA-4
DA-4
DP-4
DP-4
DA-3
DA-3
CB
DP-3
DP-3
DA-2
DA-2
CB
DP-2
EXISTING CATCH
BASIN
DA-1
DA-1
DP-1
DP-1
Subcat
Reach
Pond
Link
Routing Diagram for Halsey_PRE
Prepared by LRC Group, Printed 11/17/2021
HydroCAD® 10.00-19 s/n 02009 © 2016 HydroCAD Software Solutions LLC

Area Listing (all nodes)

Area (sq-ft)	CN	Description (subcatchment-numbers)
62,851	49	50-75% Grass cover, Fair, HSG A (DA-1, DA-2, DA-3, DA-4)
38,588	98	Paved parking, HSG A (DA-1, DA-2, DA-3, DA-4)
101,439	**68**	**TOTAL AREA**

Soil Listing (all nodes)

Area (sq-ft)	Soil Group	Subcatchment Numbers
101,439	HSG A	DA-1, DA-2, DA-3, DA-4
0	HSG B	
0	HSG C	
0	HSG D	
0	Other	
101,439		**TOTAL AREA**

Ground Covers (all nodes)

HSG-A (sq-ft)	HSG-B (sq-ft)	HSG-C (sq-ft)	HSG-D (sq-ft)	Other (sq-ft)	Total (sq-ft)	Ground Cover	Sub Num
62,851	0	0	0	0	62,851	50-75% Grass cover, Fair	
38,588	0	0	0	0	38,588	Paved parking	
101,439	**0**	**0**	**0**	**0**	**101,439**	**TOTAL AREA**	

Pipe Listing (all nodes)

Line#	Node Number	In-Invert (feet)	Out-Invert (feet)	Length (feet)	Slope (ft/ft)	n	Diam/Width (inches)	Height (inches)	Inside-Fill (inches)
1	DP-2	112.00	111.50	66.0	0.0076	0.012	18.0	0.0	0.0
2	DP-3	108.30	107.40	32.0	0.0281	0.011	12.0	0.0	0.0

Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA-1: DA-1 Runoff Area=34,302 sf 62.78% Impervious Runoff Depth>0.88"
Tc=6.0 min CN=80 Runoff=1.32 cfs 2,506 cf

Subcatchment DA-2: DA-2 Runoff Area=12,025 sf 66.39% Impervious Runoff Depth>0.99"
Tc=6.0 min CN=82 Runoff=0.52 cfs 987 cf

Subcatchment DA-3: DA-3 Runoff Area=9,993 sf 58.93% Impervious Runoff Depth>0.78"
Tc=6.0 min CN=78 Runoff=0.34 cfs 647 cf

Subcatchment DA-4: DA-4 Runoff Area=45,119 sf 7.05% Impervious Runoff Depth>0.04"
Flow Length=207' Tc=13.6 min CN=52 Runoff=0.01 cfs 152 cf

Reach DP-1: DP-1 Inflow=1.32 cfs 2,506 cf
Outflow=1.32 cfs 2,506 cf

Reach DP-4: DP-4 Inflow=0.01 cfs 152 cf
Outflow=0.01 cfs 152 cf

Pond DP-2: EXISTING CATCH BASIN Peak Elev=112.36' Inflow=0.52 cfs 987 cf
18.0" Round Culvert n=0.012 L=66.0' S=0.0076 '/' Outflow=0.52 cfs 987 cf

Pond DP-3: DP-3 Peak Elev=108.63' Inflow=0.34 cfs 647 cf
12.0" Round Culvert n=0.011 L=32.0' S=0.0281 '/' Outflow=0.34 cfs 647 cf

Total Runoff Area = 101,439 sf Runoff Volume = 4,292 cf Average Runoff Depth = 0.51"
61.96% Pervious = 62,851 sf 38.04% Impervious = 38,588 sf

Summary for Subcatchment DA-1: DA-1

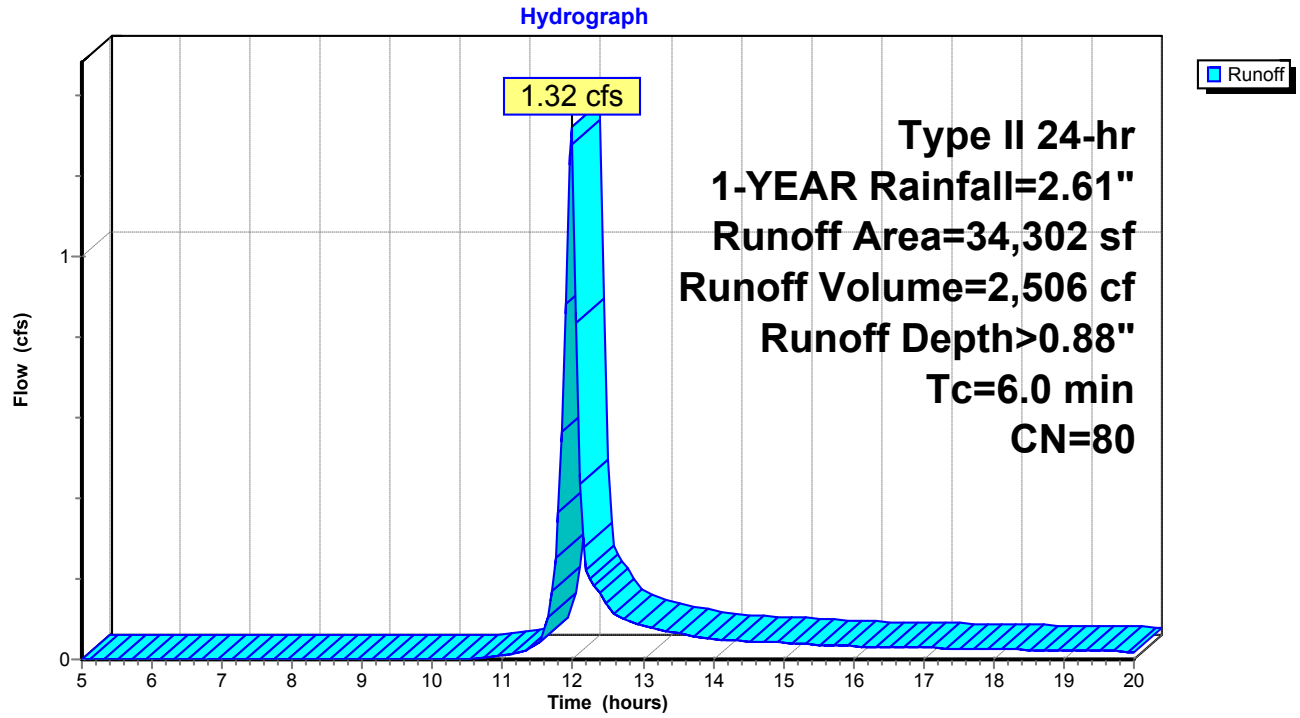
Runoff = 1.32 cfs @ 11.98 hrs, Volume= 2,506 cf, Depth> 0.88"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
12,767	49	50-75% Grass cover, Fair, HSG A
21,535	98	Paved parking, HSG A
34,302	80	Weighted Average
12,767		37.22% Pervious Area
21,535		62.78% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-1: DA-1



Summary for Subcatchment DA-2: DA-2

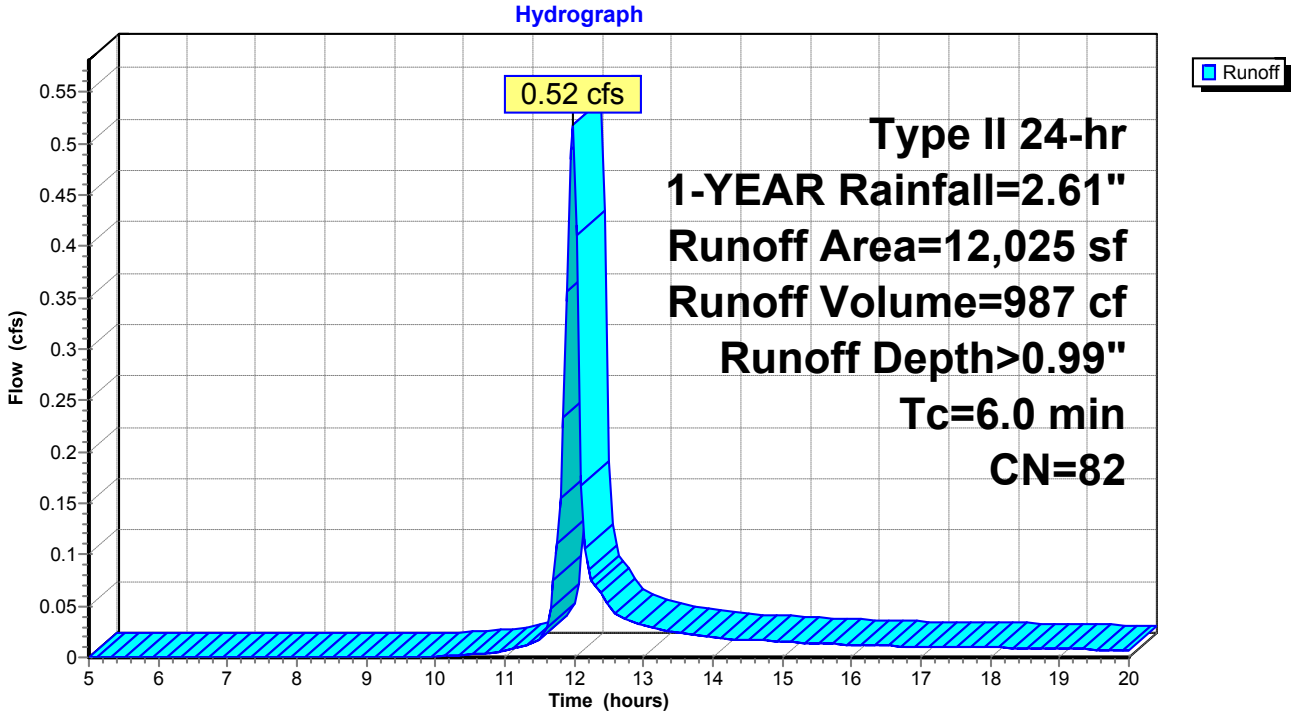
Runoff = 0.52 cfs @ 11.98 hrs, Volume= 987 cf, Depth> 0.99"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
4,042	49	50-75% Grass cover, Fair, HSG A
7,983	98	Paved parking, HSG A
12,025	82	Weighted Average
4,042		33.61% Pervious Area
7,983		66.39% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-2: DA-2



Summary for Subcatchment DA-3: DA-3

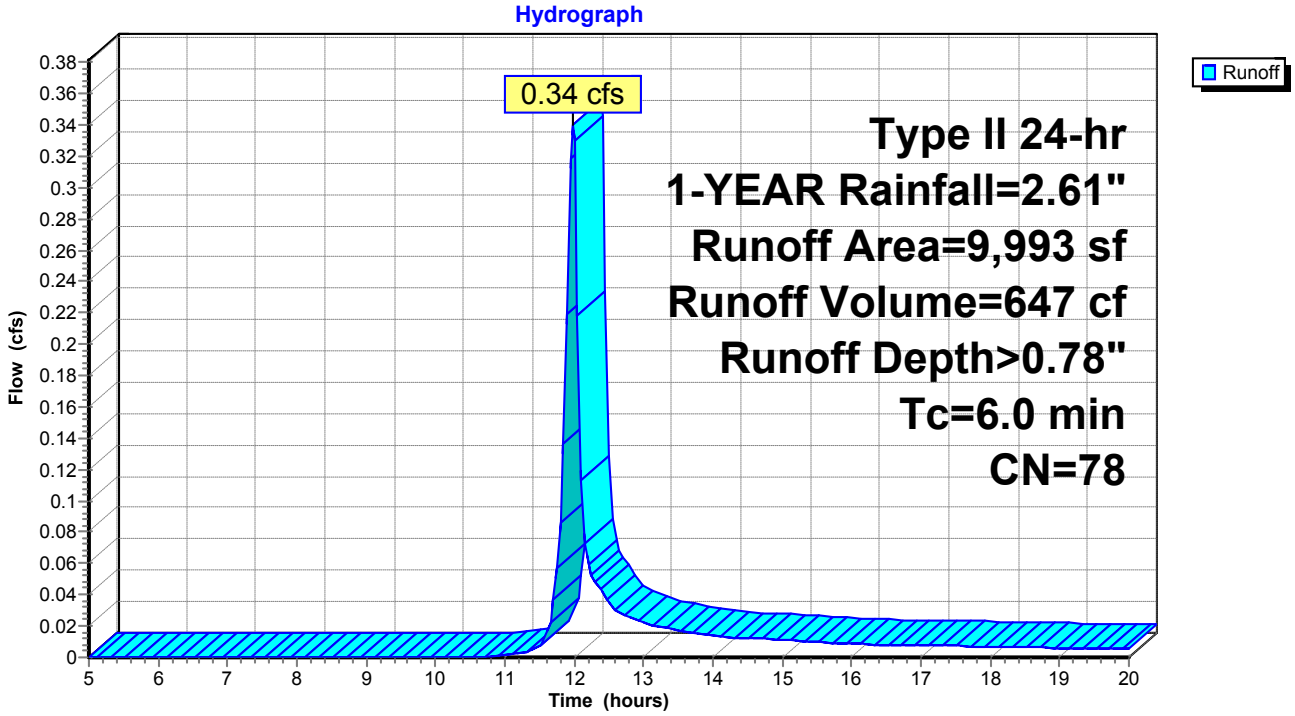
Runoff = 0.34 cfs @ 11.98 hrs, Volume= 647 cf, Depth> 0.78"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
4,104	49	50-75% Grass cover, Fair, HSG A
5,889	98	Paved parking, HSG A
9,993	78	Weighted Average
4,104		41.07% Pervious Area
5,889		58.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-3: DA-3



Summary for Subcatchment DA-4: DA-4

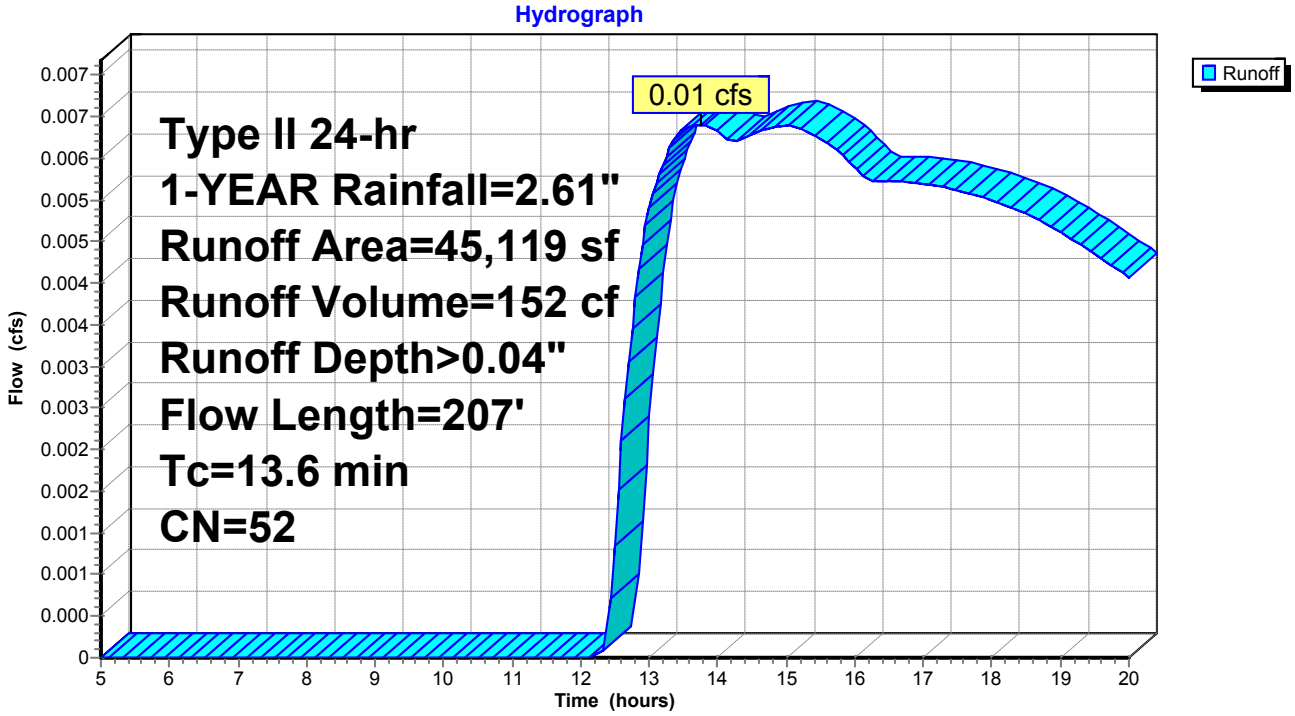
Runoff = 0.01 cfs @ 13.76 hrs, Volume= 152 cf, Depth> 0.04"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
41,938	49	50-75% Grass cover, Fair, HSG A
3,181	98	Paved parking, HSG A
45,119	52	Weighted Average
41,938		92.95% Pervious Area
3,181		7.05% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.8	100	0.0325	0.14		**Sheet Flow, A-B** Grass: Dense n= 0.240 P2= 3.16"
1.8	107	0.0210	1.01		**Shallow Concentrated Flow, B-C** Short Grass Pasture Kv= 7.0 fps
13.6	207	Total			

Subcatchment DA-4: DA-4

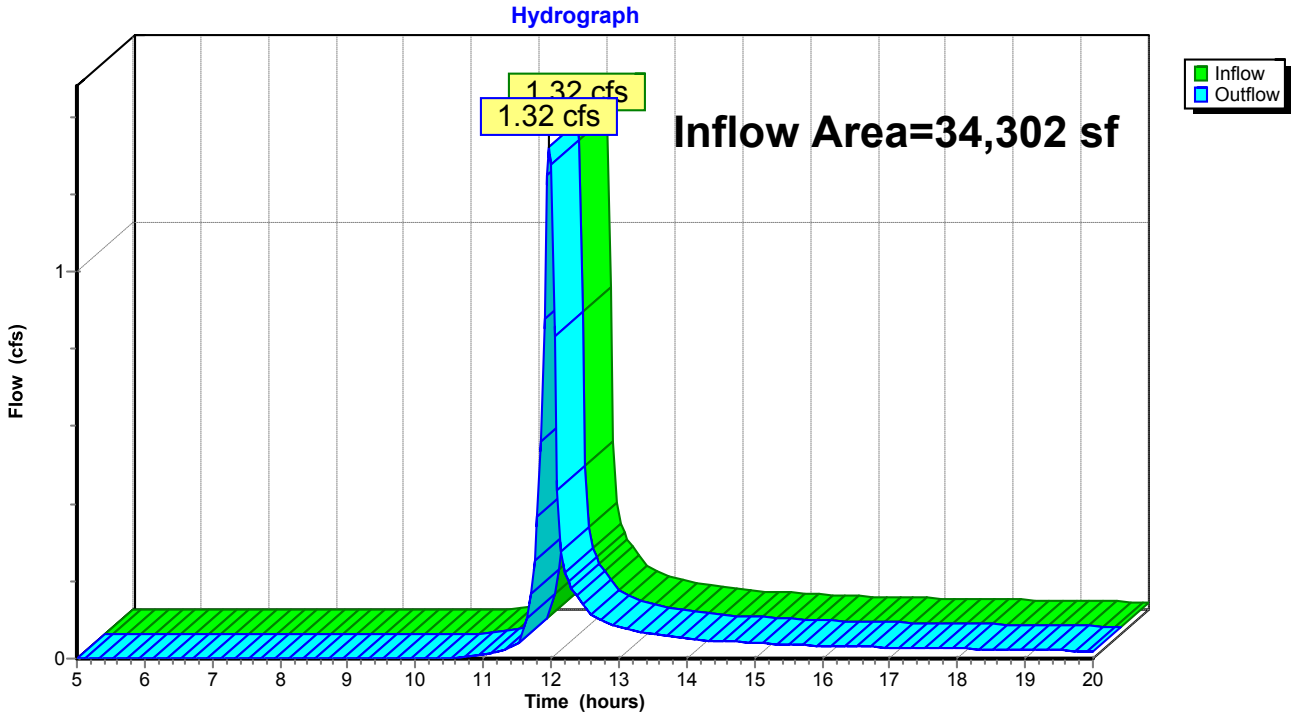


Summary for Reach DP-1: DP-1

Inflow Area = 34,302 sf, 62.78% Impervious, Inflow Depth > 0.88" for 1-YEAR event
Inflow = 1.32 cfs @ 11.98 hrs, Volume= 2,506 cf
Outflow = 1.32 cfs @ 11.98 hrs, Volume= 2,506 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Reach DP-1: DP-1

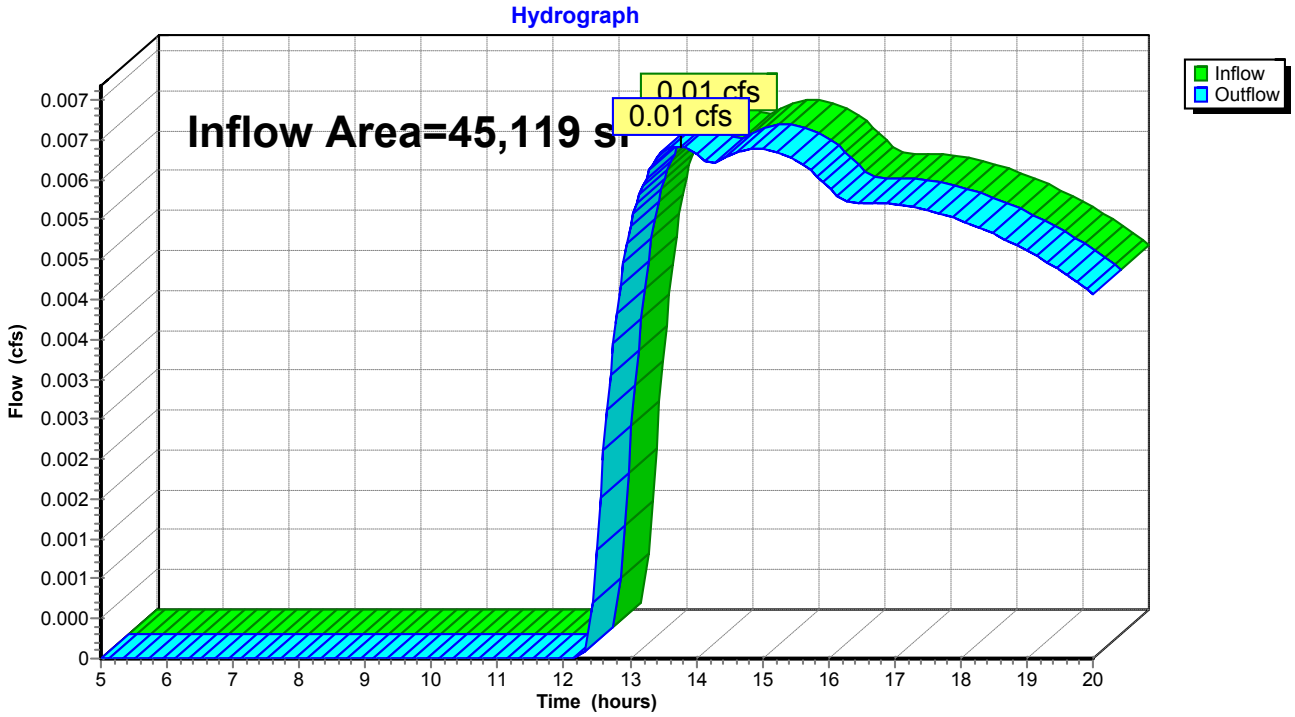


Summary for Reach DP-4: DP-4

Inflow Area = 45,119 sf, 7.05% Impervious, Inflow Depth > 0.04" for 1-YEAR event
Inflow = 0.01 cfs @ 13.76 hrs, Volume= 152 cf
Outflow = 0.01 cfs @ 13.76 hrs, Volume= 152 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Reach DP-4: DP-4



Summary for Pond DP-2: EXISTING CATCH BASIN

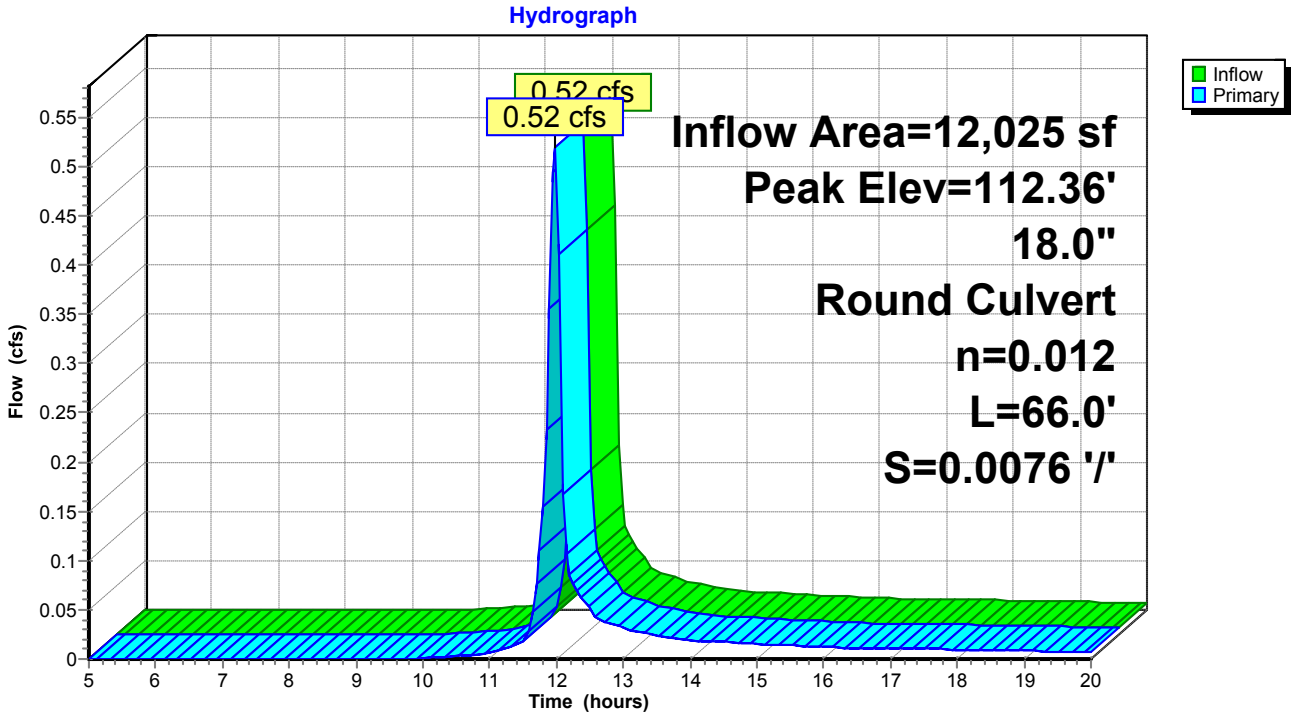
Inflow Area = 12,025 sf, 66.39% Impervious, Inflow Depth > 0.99" for 1-YEAR event
Inflow = 0.52 cfs @ 11.98 hrs, Volume= 987 cf
Outflow = 0.52 cfs @ 11.98 hrs, Volume= 987 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.52 cfs @ 11.98 hrs, Volume= 987 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 112.36' @ 11.98 hrs
Flood Elev= 114.48'

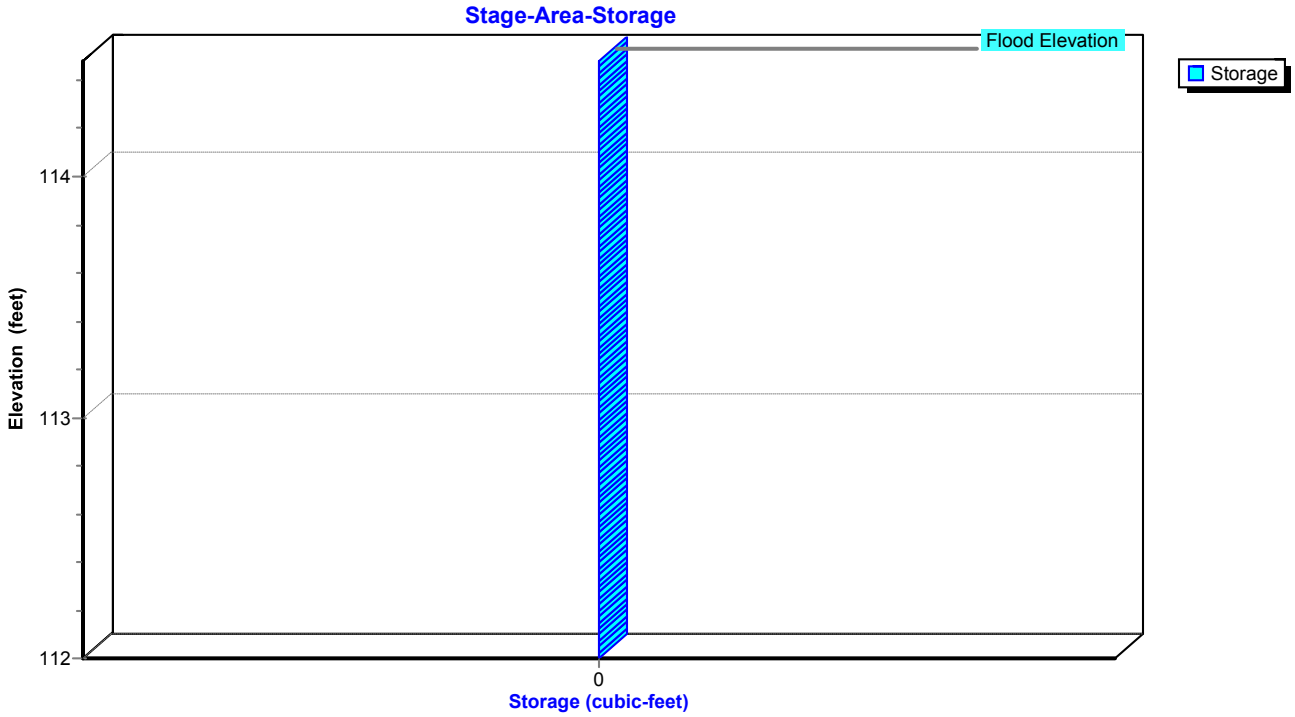
Device	Routing	Invert	Outlet Devices
#1	Primary	112.00'	**18.0" Round Culvert** L= 66.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 112.00' / 111.50' S= 0.0076 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 1.77 sf

Primary OutFlow Max=0.50 cfs @ 11.98 hrs HW=112.35' (Free Discharge)
1=Culvert (Inlet Controls 0.50 cfs @ 1.59 fps)

Pond DP-2: EXISTING CATCH BASIN



Pond DP-2: EXISTING CATCH BASIN



Stage-Area-Storage for Pond DP-2: EXISTING CATCH BASIN

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
112.00	**0**	113.06	0	114.12	0
112.02	0	113.08	0	114.14	0
112.04	0	113.10	0	114.16	0
112.06	0	113.12	0	114.18	0
112.08	0	113.14	0	114.20	0
112.10	0	113.16	0	114.22	0
112.12	0	113.18	0	114.24	0
112.14	0	113.20	0	114.26	0
112.16	0	113.22	0	114.28	0
112.18	0	113.24	0	114.30	0
112.20	0	113.26	0	114.32	0
112.22	0	113.28	0	114.34	0
112.24	0	113.30	0	114.36	0
112.26	0	113.32	0	114.38	0
112.28	0	113.34	0	114.40	0
112.30	0	113.36	0	114.42	0
112.32	0	113.38	0	114.44	0
112.34	0	113.40	0	114.46	0
112.36	0	113.42	0	114.48	0
112.38	0	113.44	0		
112.40	0	113.46	0		
112.42	0	113.48	0		
112.44	0	113.50	0		
112.46	0	113.52	0		
112.48	0	113.54	0		
112.50	0	113.56	0		
112.52	0	113.58	0		
112.54	0	113.60	0		
112.56	0	113.62	0		
112.58	0	113.64	0		
112.60	0	113.66	0		
112.62	0	113.68	0		
112.64	0	113.70	0		
112.66	0	113.72	0		
112.68	0	113.74	0		
112.70	0	113.76	0		
112.72	0	113.78	0		
112.74	0	113.80	0		
112.76	0	113.82	0		
112.78	0	113.84	0		
112.80	0	113.86	0		
112.82	0	113.88	0		
112.84	0	113.90	0		
112.86	0	113.92	0		
112.88	0	113.94	0		
112.90	0	113.96	0		
112.92	0	113.98	0		
112.94	0	114.00	0		
112.96	0	114.02	0		
112.98	0	114.04	0		
113.00	0	114.06	0		
113.02	0	114.08	0		
113.04	0	114.10	0		

Summary for Pond DP-3: DP-3

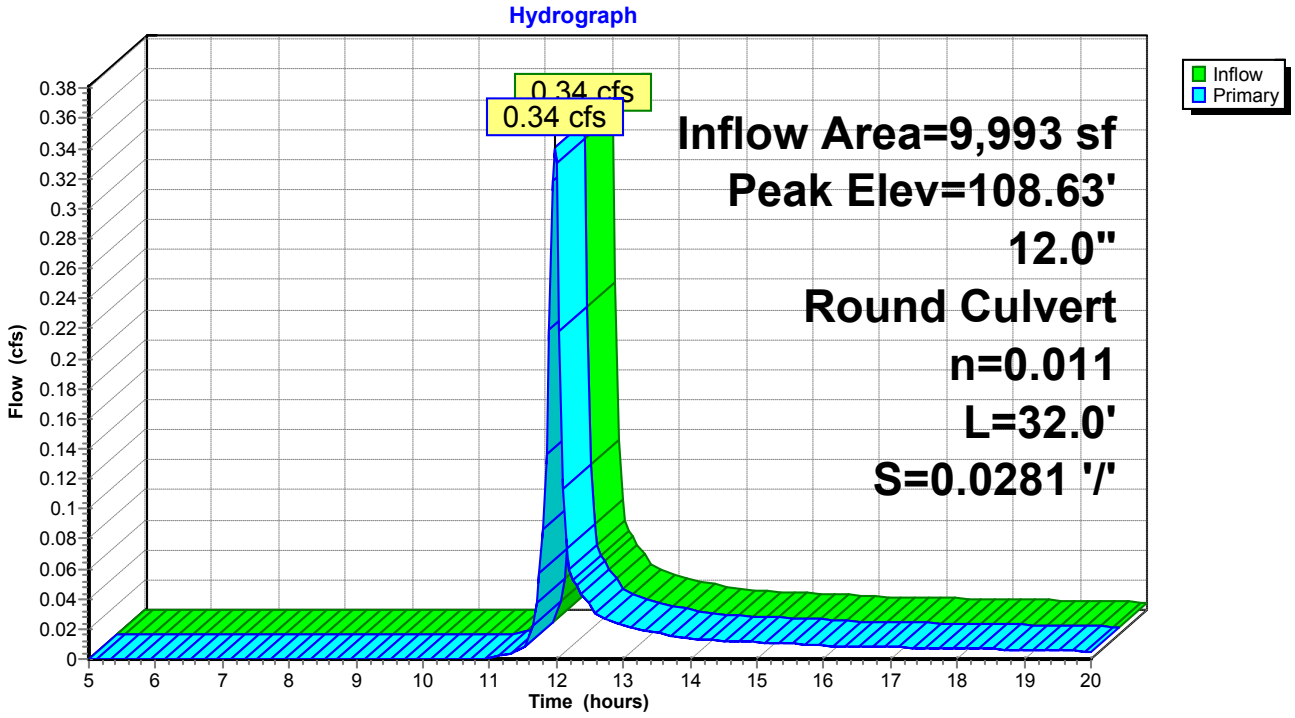
Inflow Area = 9,993 sf, 58.93% Impervious, Inflow Depth > 0.78" for 1-YEAR event
Inflow = 0.34 cfs @ 11.98 hrs, Volume= 647 cf
Outflow = 0.34 cfs @ 11.98 hrs, Volume= 647 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.34 cfs @ 11.98 hrs, Volume= 647 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 108.63' @ 11.98 hrs
Flood Elev= 112.38'

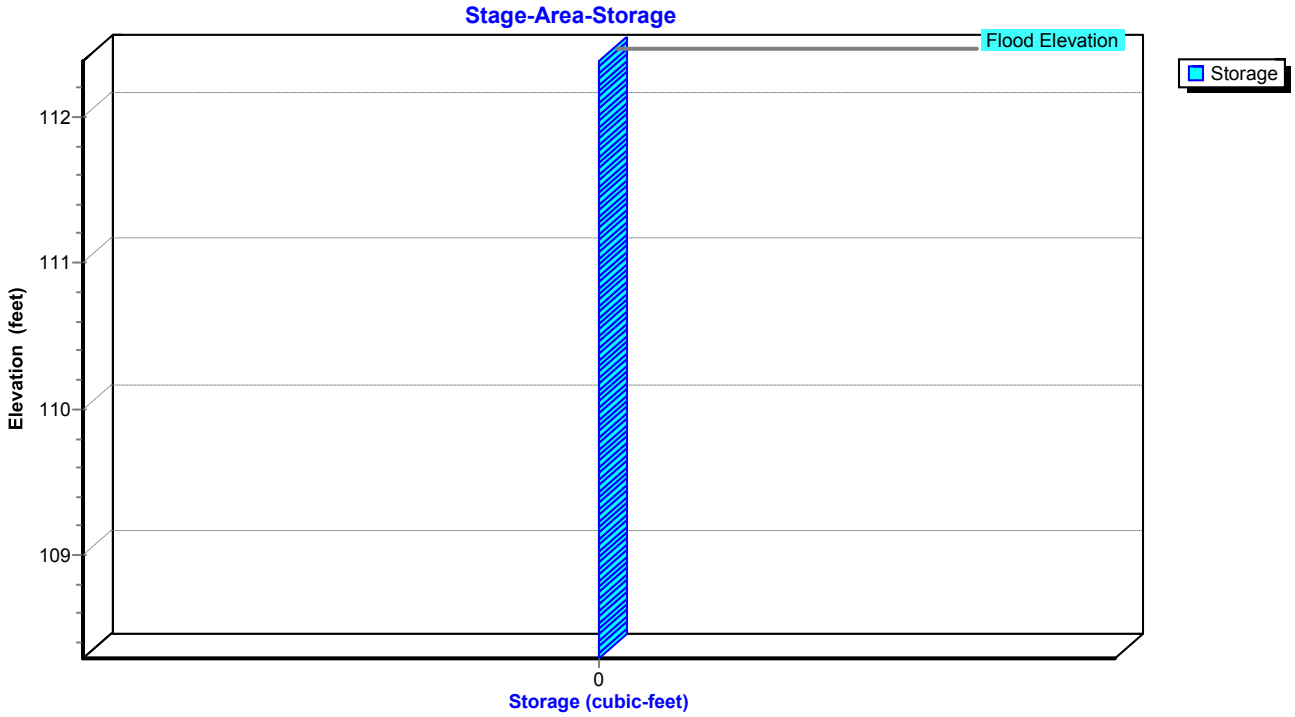
Device	Routing	Invert	Outlet Devices
#1	Primary	108.30'	**12.0" Round Culvert** L= 32.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.30' / 107.40' S= 0.0281 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 0.79 sf

Primary OutFlow Max=0.32 cfs @ 11.98 hrs HW=108.62' (Free Discharge)
1=Culvert (Inlet Controls 0.32 cfs @ 1.51 fps)

Pond DP-3: DP-3



Pond DP-3: DP-3


Stage-Area-Storage
Flood Elevation
Storage
112
111
110
109
Elevation (feet)
0
Storage (cubic-feet)

Stage-Area-Storage for Pond DP-3: DP-3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.30	**0**	110.95	0
108.35	0	111.00	0
108.40	0	111.05	0
108.45	0	111.10	0
108.50	0	111.15	0
108.55	0	111.20	0
108.60	0	111.25	0
108.65	0	111.30	0
108.70	0	111.35	0
108.75	0	111.40	0
108.80	0	111.45	0
108.85	0	111.50	0
108.90	0	111.55	0
108.95	0	111.60	0
109.00	0	111.65	0
109.05	0	111.70	0
109.10	0	111.75	0
109.15	0	111.80	0
109.20	0	111.85	0
109.25	0	111.90	0
109.30	0	111.95	0
109.35	0	112.00	0
109.40	0	112.05	0
109.45	0	112.10	0
109.50	0	112.15	0
109.55	0	112.20	0
109.60	0	112.25	0
109.65	0	112.30	0
109.70	0	112.35	0
109.75	0		
109.80	0		
109.85	0		
109.90	0		
109.95	0		
110.00	0		
110.05	0		
110.10	0		
110.15	0		
110.20	0		
110.25	0		
110.30	0		
110.35	0		
110.40	0		
110.45	0		
110.50	0		
110.55	0		
110.60	0		
110.65	0		
110.70	0		
110.75	0		
110.80	0		
110.85	0		
110.90	0		

Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA-1: DA-1 Runoff Area=34,302 sf 62.78% Impervious Runoff Depth>1.25"
Tc=6.0 min CN=80 Runoff=1.88 cfs 3,585 cf

Subcatchment DA-2: DA-2 Runoff Area=12,025 sf 66.39% Impervious Runoff Depth>1.38"
Tc=6.0 min CN=82 Runoff=0.72 cfs 1,386 cf

Subcatchment DA-3: DA-3 Runoff Area=9,993 sf 58.93% Impervious Runoff Depth>1.13"
Tc=6.0 min CN=78 Runoff=0.50 cfs 943 cf

Subcatchment DA-4: DA-4 Runoff Area=45,119 sf 7.05% Impervious Runoff Depth>0.13"
Flow Length=207' Tc=13.6 min CN=52 Runoff=0.04 cfs 482 cf

Reach DP-1: DP-1 Inflow=1.88 cfs 3,585 cf
Outflow=1.88 cfs 3,585 cf

Reach DP-4: DP-4 Inflow=0.04 cfs 482 cf
Outflow=0.04 cfs 482 cf

Pond DP-2: EXISTING CATCH BASIN Peak Elev=112.42' Inflow=0.72 cfs 1,386 cf
18.0" Round Culvert n=0.012 L=66.0' S=0.0076 '/' Outflow=0.72 cfs 1,386 cf

Pond DP-3: DP-3 Peak Elev=108.70' Inflow=0.50 cfs 943 cf
12.0" Round Culvert n=0.011 L=32.0' S=0.0281 '/' Outflow=0.50 cfs 943 cf

Total Runoff Area = 101,439 sf Runoff Volume = 6,397 cf Average Runoff Depth = 0.76"
61.96% Pervious = 62,851 sf 38.04% Impervious = 38,588 sf

Summary for Subcatchment DA-1: DA-1

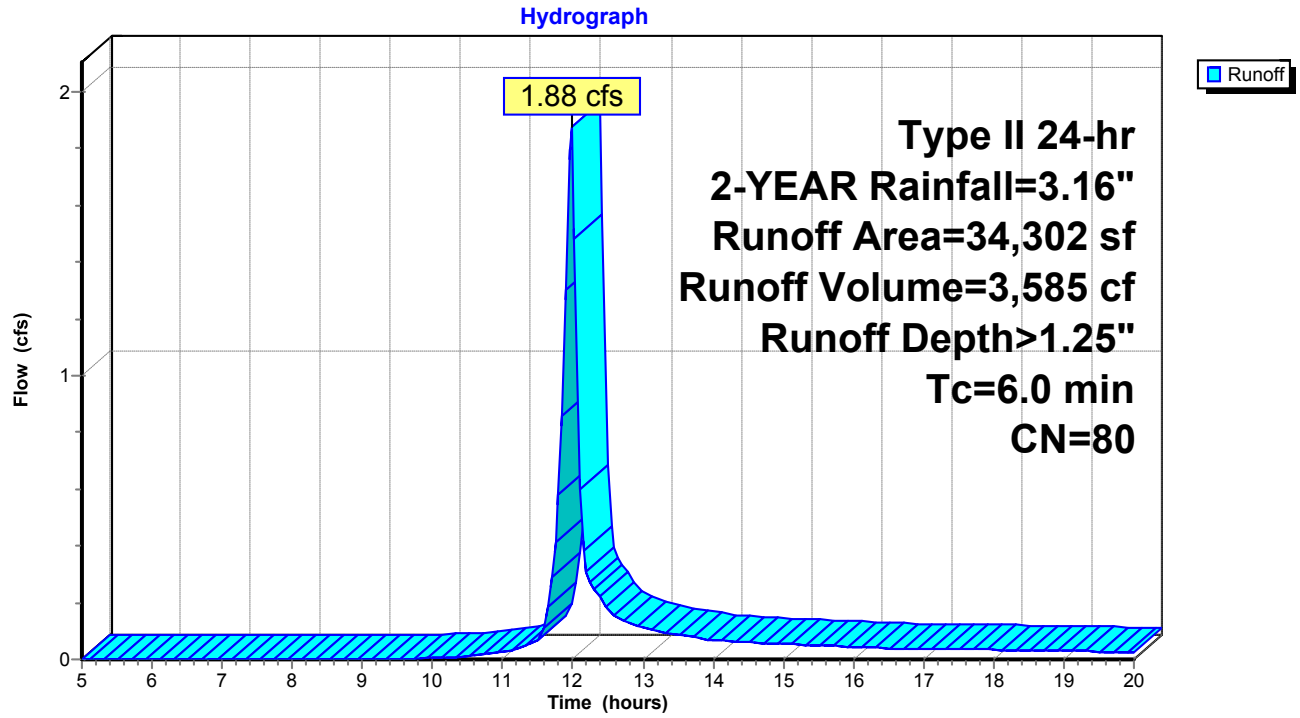
Runoff = 1.88 cfs @ 11.98 hrs, Volume= 3,585 cf, Depth> 1.25"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
12,767	49	50-75% Grass cover, Fair, HSG A
21,535	98	Paved parking, HSG A
34,302	80	Weighted Average
12,767		37.22% Pervious Area
21,535		62.78% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-1: DA-1



Summary for Subcatchment DA-2: DA-2

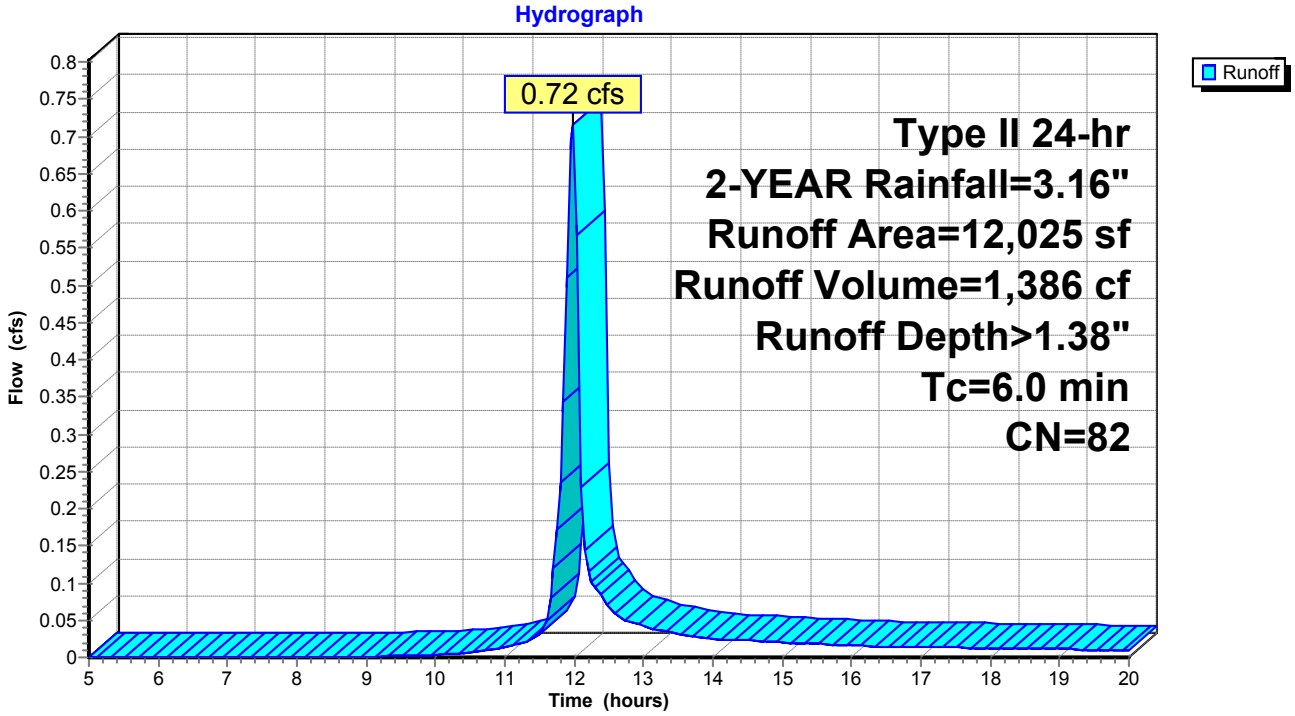
Runoff = 0.72 cfs @ 11.97 hrs, Volume= 1,386 cf, Depth> 1.38"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
4,042	49	50-75% Grass cover, Fair, HSG A
7,983	98	Paved parking, HSG A
12,025	82	Weighted Average
4,042		33.61% Pervious Area
7,983		66.39% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-2: DA-2



Summary for Subcatchment DA-3: DA-3

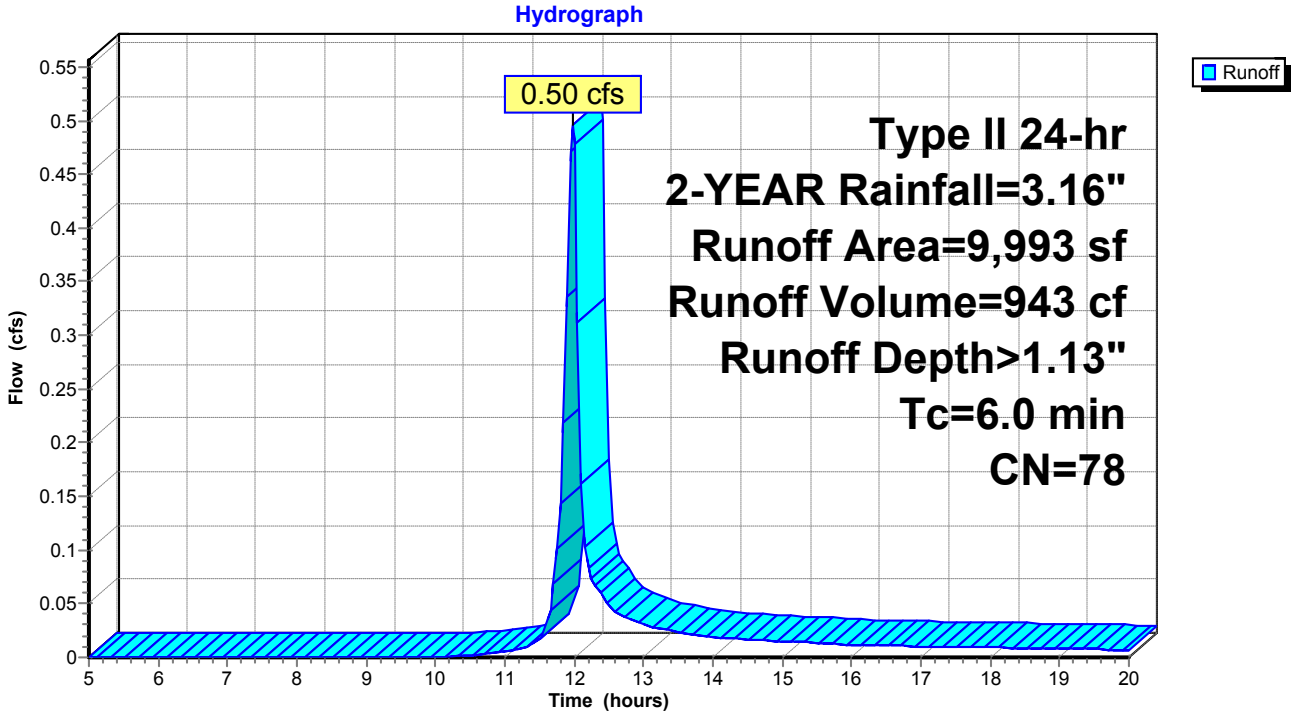
Runoff = 0.50 cfs @ 11.98 hrs, Volume= 943 cf, Depth> 1.13"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
4,104	49	50-75% Grass cover, Fair, HSG A
5,889	98	Paved parking, HSG A
9,993	78	Weighted Average
4,104		41.07% Pervious Area
5,889		58.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-3: DA-3



Summary for Subcatchment DA-4: DA-4

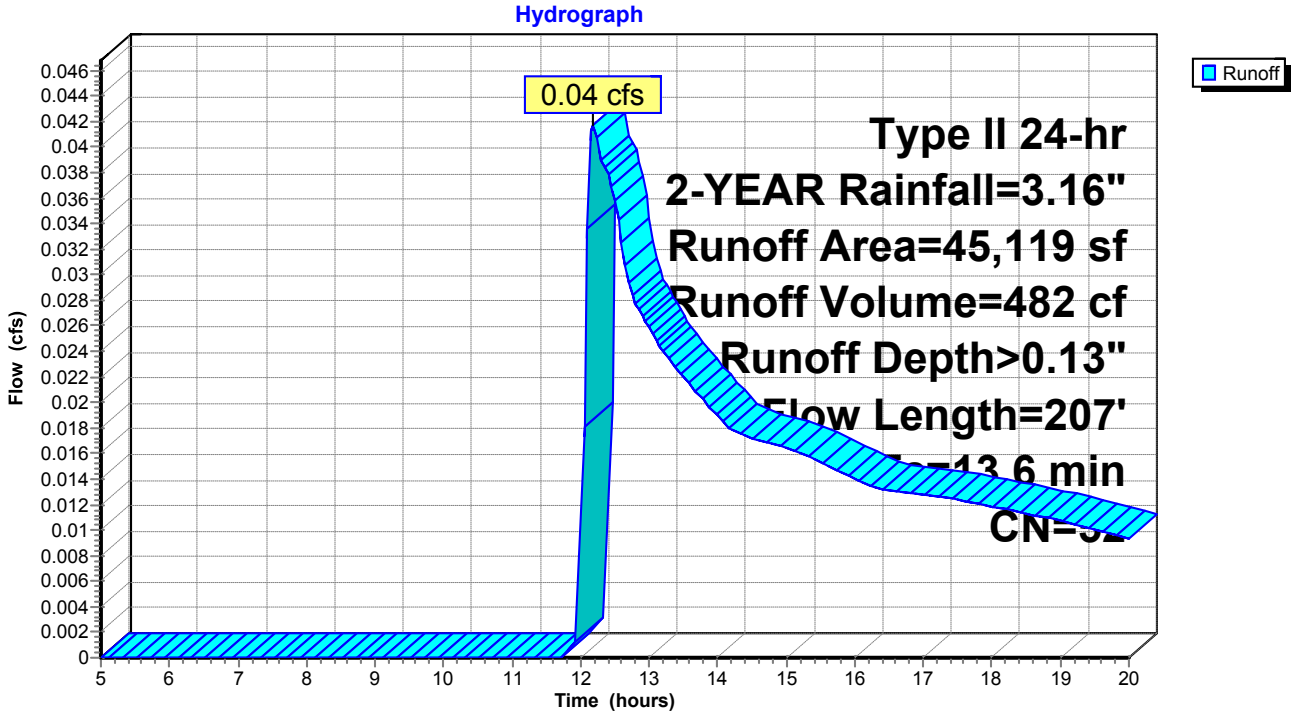
Runoff = 0.04 cfs @ 12.18 hrs, Volume= 482 cf, Depth> 0.13"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
41,938	49	50-75% Grass cover, Fair, HSG A
3,181	98	Paved parking, HSG A
45,119	52	Weighted Average
41,938		92.95% Pervious Area
3,181		7.05% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.8	100	0.0325	0.14		**Sheet Flow, A-B** Grass: Dense n= 0.240 P2= 3.16"
1.8	107	0.0210	1.01		**Shallow Concentrated Flow, B-C** Short Grass Pasture Kv= 7.0 fps
13.6	207	Total			

Subcatchment DA-4: DA-4

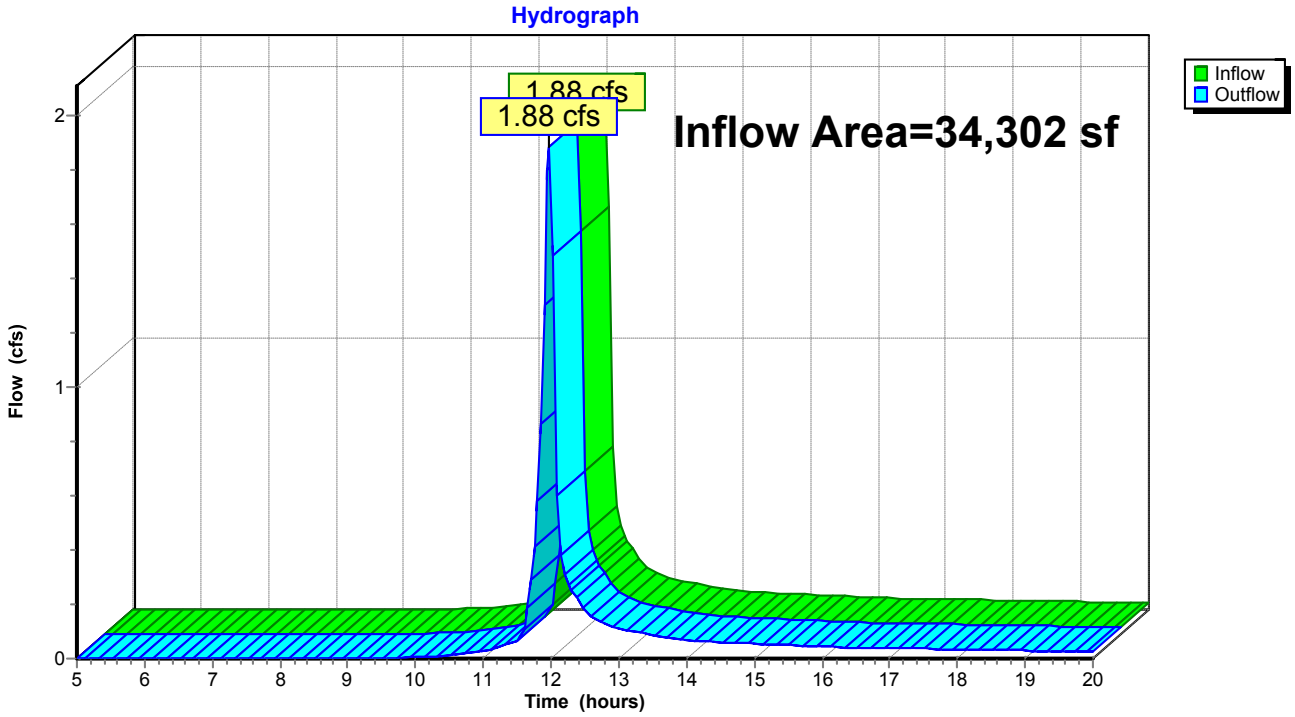


Summary for Reach DP-1: DP-1

Inflow Area = 34,302 sf, 62.78% Impervious, Inflow Depth > 1.25" for 2-YEAR event
Inflow = 1.88 cfs @ 11.98 hrs, Volume= 3,585 cf
Outflow = 1.88 cfs @ 11.98 hrs, Volume= 3,585 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Reach DP-1: DP-1

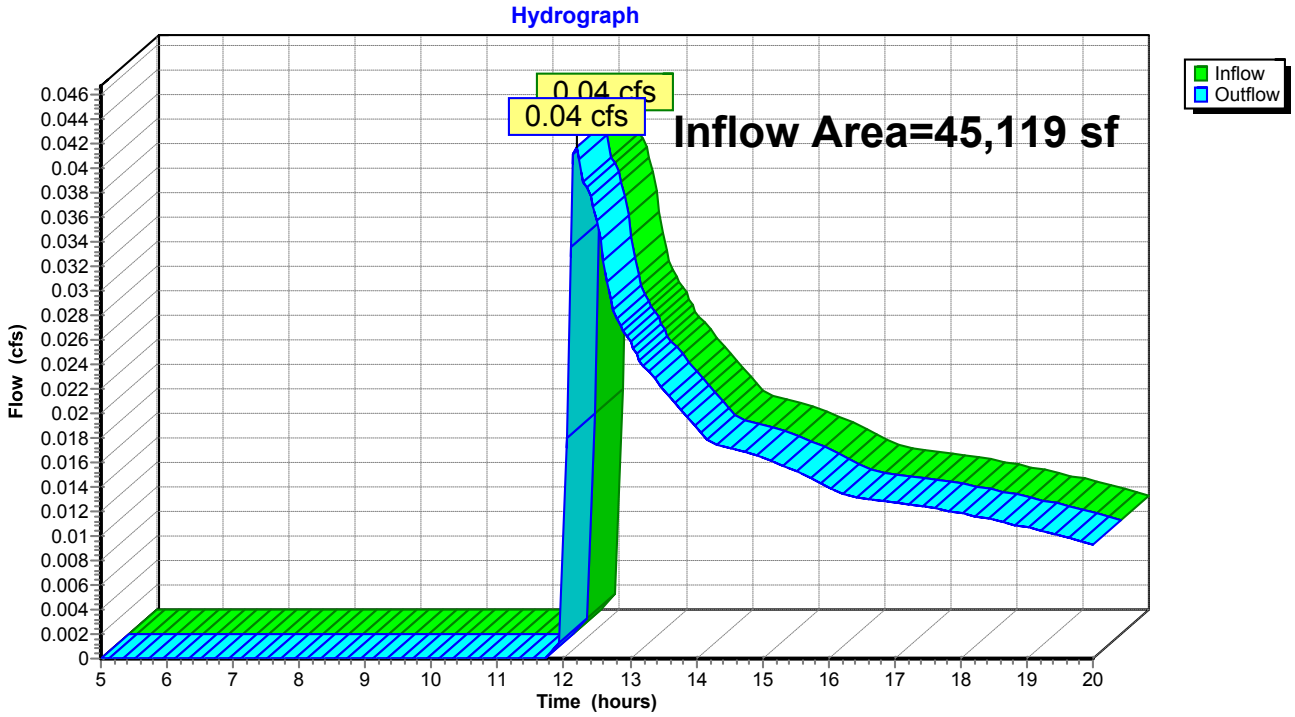


Summary for Reach DP-4: DP-4

Inflow Area = 45,119 sf, 7.05% Impervious, Inflow Depth > 0.13" for 2-YEAR event
Inflow = 0.04 cfs @ 12.18 hrs, Volume= 482 cf
Outflow = 0.04 cfs @ 12.18 hrs, Volume= 482 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Reach DP-4: DP-4



Summary for Pond DP-2: EXISTING CATCH BASIN

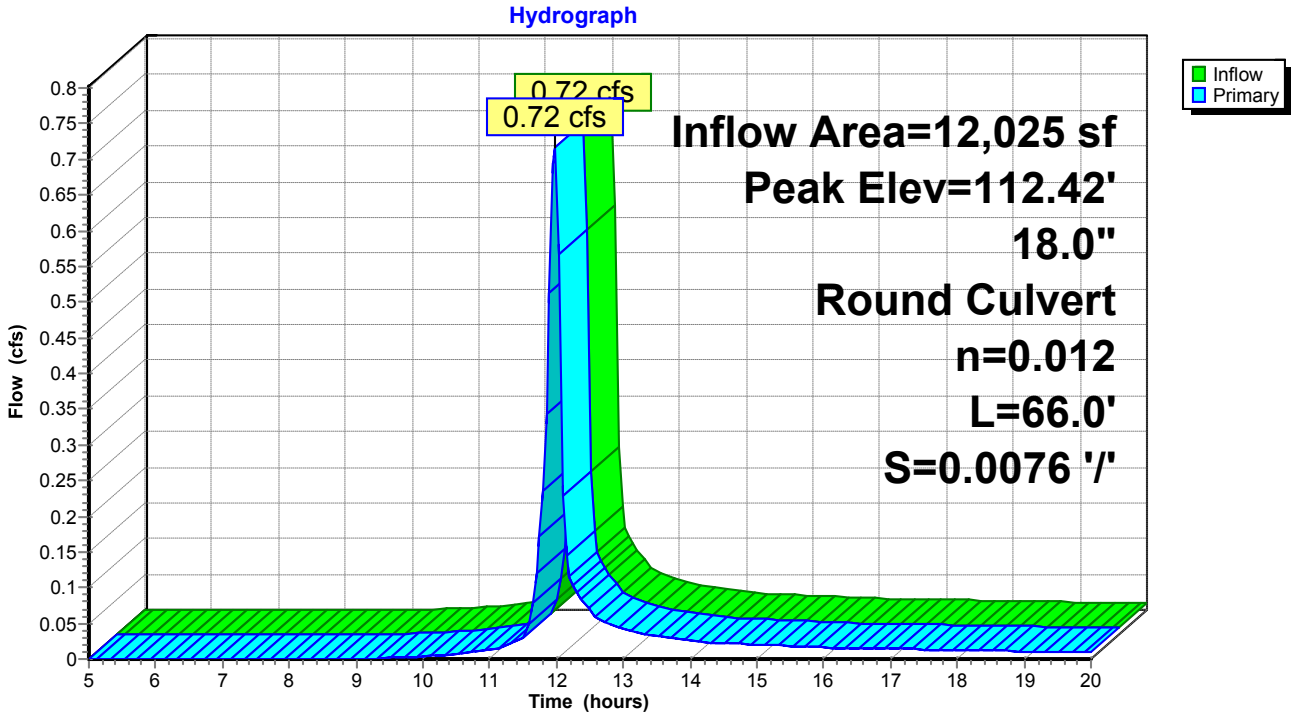
Inflow Area = 12,025 sf, 66.39% Impervious, Inflow Depth > 1.38" for 2-YEAR event
Inflow = 0.72 cfs @ 11.97 hrs, Volume= 1,386 cf
Outflow = 0.72 cfs @ 11.97 hrs, Volume= 1,386 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.72 cfs @ 11.97 hrs, Volume= 1,386 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 112.42' @ 11.97 hrs
Flood Elev= 114.48'

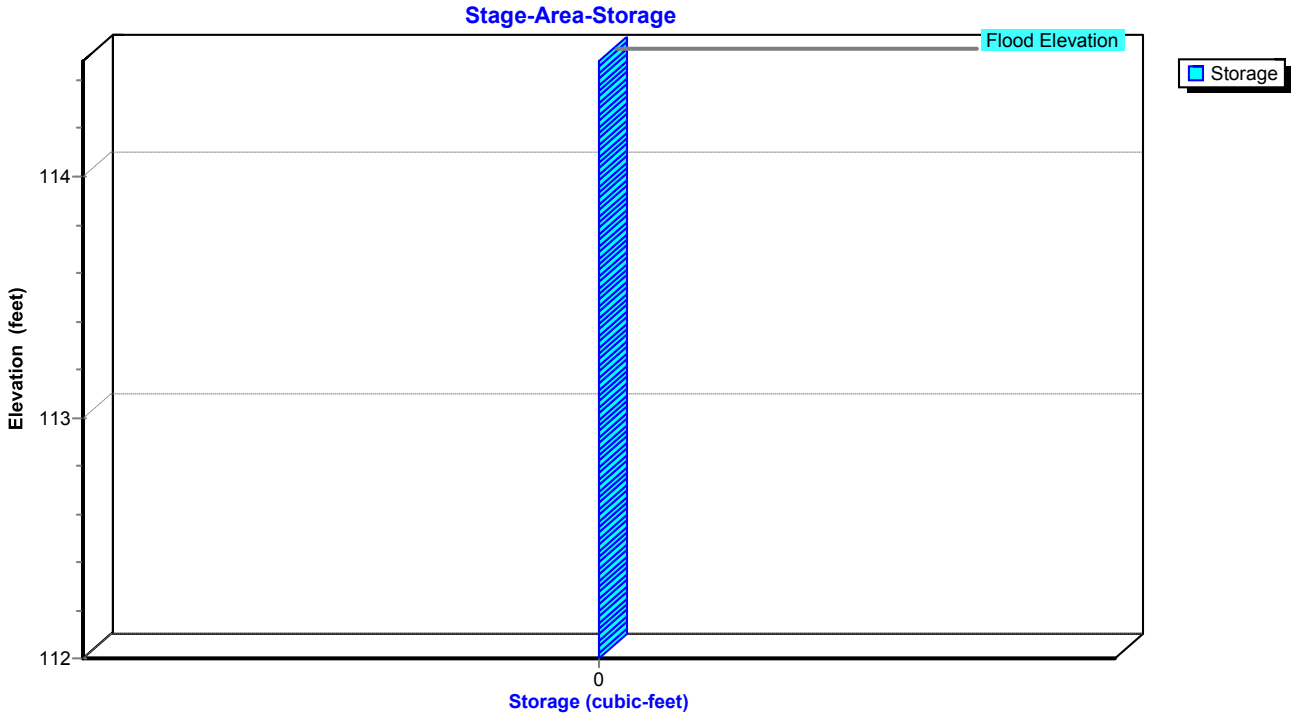
Device	Routing	Invert	Outlet Devices
#1	Primary	112.00'	**18.0" Round Culvert** L= 66.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 112.00' / 111.50' S= 0.0076 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 1.77 sf

Primary OutFlow Max=0.69 cfs @ 11.97 hrs HW=112.42' (Free Discharge)
1=Culvert (Inlet Controls 0.69 cfs @ 1.73 fps)

Pond DP-2: EXISTING CATCH BASIN



Pond DP-2: EXISTING CATCH BASIN



Stage-Area-Storage for Pond DP-2: EXISTING CATCH BASIN

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
112.00	**0**	113.06	0	114.12	0
112.02	0	113.08	0	114.14	0
112.04	0	113.10	0	114.16	0
112.06	0	113.12	0	114.18	0
112.08	0	113.14	0	114.20	0
112.10	0	113.16	0	114.22	0
112.12	0	113.18	0	114.24	0
112.14	0	113.20	0	114.26	0
112.16	0	113.22	0	114.28	0
112.18	0	113.24	0	114.30	0
112.20	0	113.26	0	114.32	0
112.22	0	113.28	0	114.34	0
112.24	0	113.30	0	114.36	0
112.26	0	113.32	0	114.38	0
112.28	0	113.34	0	114.40	0
112.30	0	113.36	0	114.42	0
112.32	0	113.38	0	114.44	0
112.34	0	113.40	0	114.46	0
112.36	0	113.42	0	114.48	0
112.38	0	113.44	0		
112.40	0	113.46	0		
112.42	0	113.48	0		
112.44	0	113.50	0		
112.46	0	113.52	0		
112.48	0	113.54	0		
112.50	0	113.56	0		
112.52	0	113.58	0		
112.54	0	113.60	0		
112.56	0	113.62	0		
112.58	0	113.64	0		
112.60	0	113.66	0		
112.62	0	113.68	0		
112.64	0	113.70	0		
112.66	0	113.72	0		
112.68	0	113.74	0		
112.70	0	113.76	0		
112.72	0	113.78	0		
112.74	0	113.80	0		
112.76	0	113.82	0		
112.78	0	113.84	0		
112.80	0	113.86	0		
112.82	0	113.88	0		
112.84	0	113.90	0		
112.86	0	113.92	0		
112.88	0	113.94	0		
112.90	0	113.96	0		
112.92	0	113.98	0		
112.94	0	114.00	0		
112.96	0	114.02	0		
112.98	0	114.04	0		
113.00	0	114.06	0		
113.02	0	114.08	0		
113.04	0	114.10	0		

Summary for Pond DP-3: DP-3

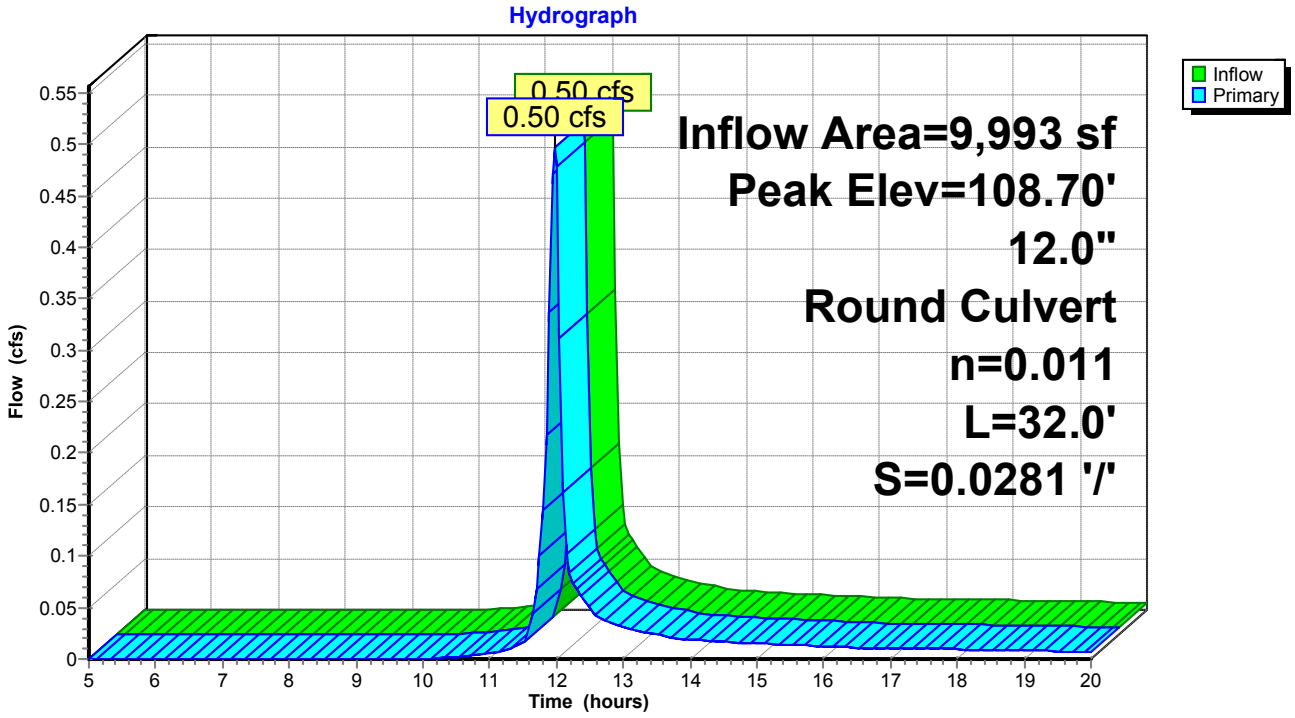
Inflow Area = 9,993 sf, 58.93% Impervious, Inflow Depth > 1.13" for 2-YEAR event
Inflow = 0.50 cfs @ 11.98 hrs, Volume= 943 cf
Outflow = 0.50 cfs @ 11.98 hrs, Volume= 943 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.50 cfs @ 11.98 hrs, Volume= 943 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 108.70' @ 11.98 hrs
Flood Elev= 112.38'

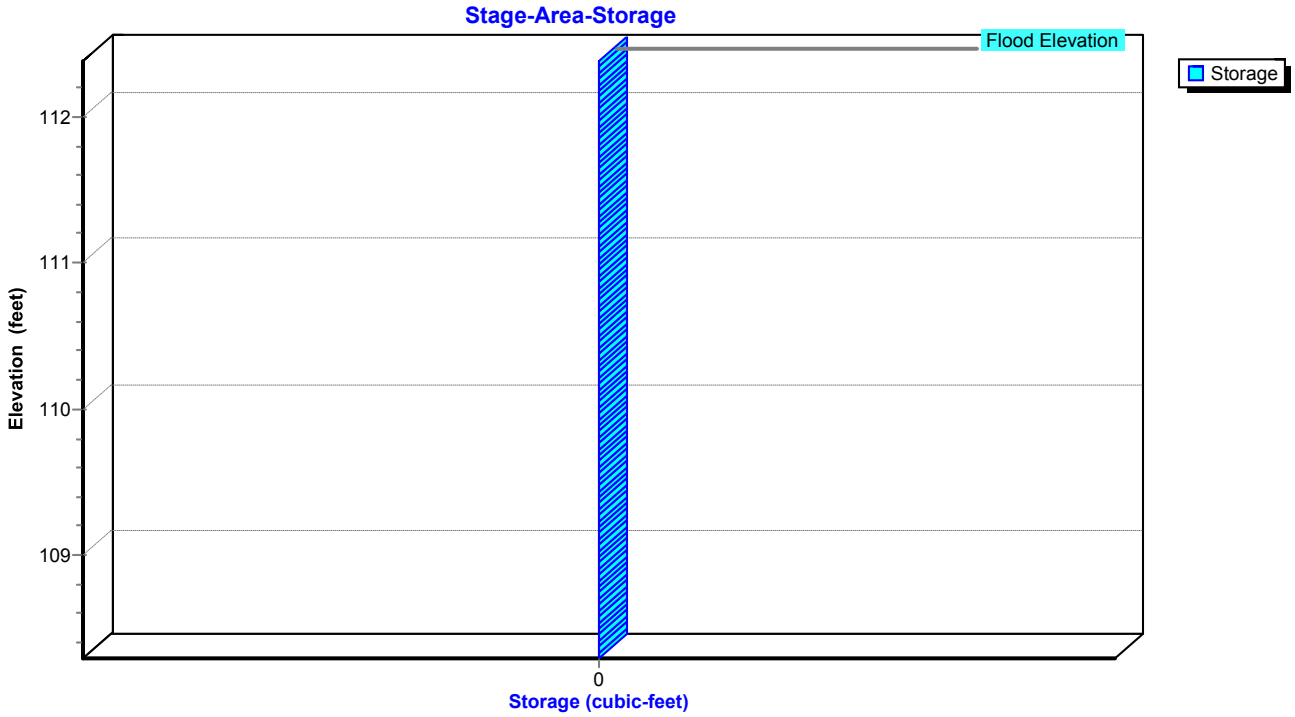
Device	Routing	Invert	Outlet Devices
#1	Primary	108.30'	**12.0" Round Culvert** L= 32.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.30' / 107.40' S= 0.0281 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 0.79 sf

Primary OutFlow Max=0.47 cfs @ 11.98 hrs HW=108.69' (Free Discharge)
1=Culvert (Inlet Controls 0.47 cfs @ 1.68 fps)

Pond DP-3: DP-3



Pond DP-3: DP-3


Stage-Area-Storage
Flood Elevation
Storage
112
111
110
109
Elevation (feet)
0
Storage (cubic-feet)

Stage-Area-Storage for Pond DP-3: DP-3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.30	**0**	110.95	0
108.35	0	111.00	0
108.40	0	111.05	0
108.45	0	111.10	0
108.50	0	111.15	0
108.55	0	111.20	0
108.60	0	111.25	0
108.65	0	111.30	0
108.70	0	111.35	0
108.75	0	111.40	0
108.80	0	111.45	0
108.85	0	111.50	0
108.90	0	111.55	0
108.95	0	111.60	0
109.00	0	111.65	0
109.05	0	111.70	0
109.10	0	111.75	0
109.15	0	111.80	0
109.20	0	111.85	0
109.25	0	111.90	0
109.30	0	111.95	0
109.35	0	112.00	0
109.40	0	112.05	0
109.45	0	112.10	0
109.50	0	112.15	0
109.55	0	112.20	0
109.60	0	112.25	0
109.65	0	112.30	0
109.70	0	112.35	0
109.75	0		
109.80	0		
109.85	0		
109.90	0		
109.95	0		
110.00	0		
110.05	0		
110.10	0		
110.15	0		
110.20	0		
110.25	0		
110.30	0		
110.35	0		
110.40	0		
110.45	0		
110.50	0		
110.55	0		
110.60	0		
110.65	0		
110.70	0		
110.75	0		
110.80	0		
110.85	0		
110.90	0		

Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA-1: DA-1 Runoff Area=34,302 sf 62.78% Impervious Runoff Depth>2.42"
Tc=6.0 min CN=80 Runoff=3.52 cfs 6,918 cf

Subcatchment DA-2: DA-2 Runoff Area=12,025 sf 66.39% Impervious Runoff Depth>2.59"
Tc=6.0 min CN=82 Runoff=1.31 cfs 2,599 cf

Subcatchment DA-3: DA-3 Runoff Area=9,993 sf 58.93% Impervious Runoff Depth>2.25"
Tc=6.0 min CN=78 Runoff=0.96 cfs 1,876 cf

Subcatchment DA-4: DA-4 Runoff Area=45,119 sf 7.05% Impervious Runoff Depth>0.57"
Flow Length=207' Tc=13.6 min CN=52 Runoff=0.66 cfs 2,145 cf

Reach DP-1: DP-1 Inflow=3.52 cfs 6,918 cf
Outflow=3.52 cfs 6,918 cf

Reach DP-4: DP-4 Inflow=0.66 cfs 2,145 cf
Outflow=0.66 cfs 2,145 cf

Pond DP-2: EXISTING CATCH BASIN Peak Elev=112.59' Inflow=1.31 cfs 2,599 cf
18.0" Round Culvert n=0.012 L=66.0' S=0.0076 '/' Outflow=1.31 cfs 2,599 cf

Pond DP-3: DP-3 Peak Elev=108.88' Inflow=0.96 cfs 1,876 cf
12.0" Round Culvert n=0.011 L=32.0' S=0.0281 '/' Outflow=0.96 cfs 1,876 cf

Total Runoff Area = 101,439 sf Runoff Volume = 13,537 cf Average Runoff Depth = 1.60"
61.96% Pervious = 62,851 sf 38.04% Impervious = 38,588 sf

Summary for Subcatchment DA-1: DA-1

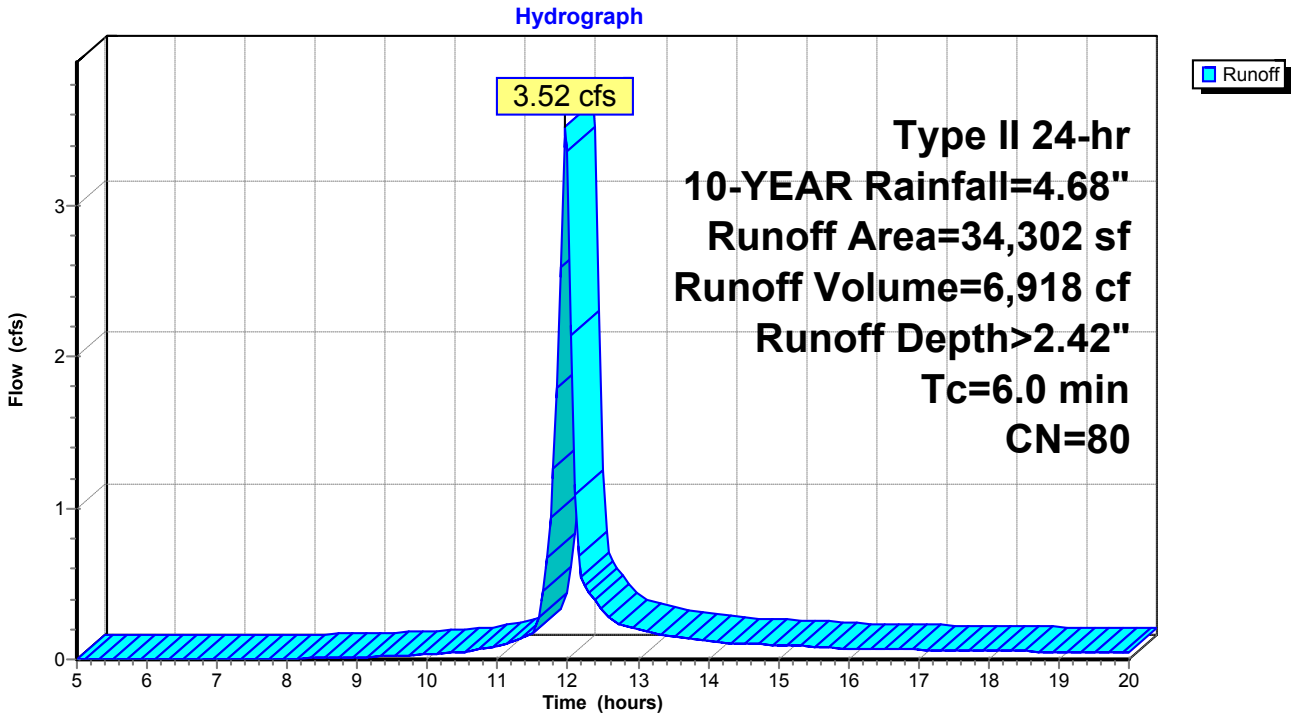
Runoff = 3.52 cfs @ 11.97 hrs, Volume= 6,918 cf, Depth> 2.42"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
12,767	49	50-75% Grass cover, Fair, HSG A
21,535	98	Paved parking, HSG A
34,302	80	Weighted Average
12,767		37.22% Pervious Area
21,535		62.78% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-1: DA-1



Summary for Subcatchment DA-2: DA-2

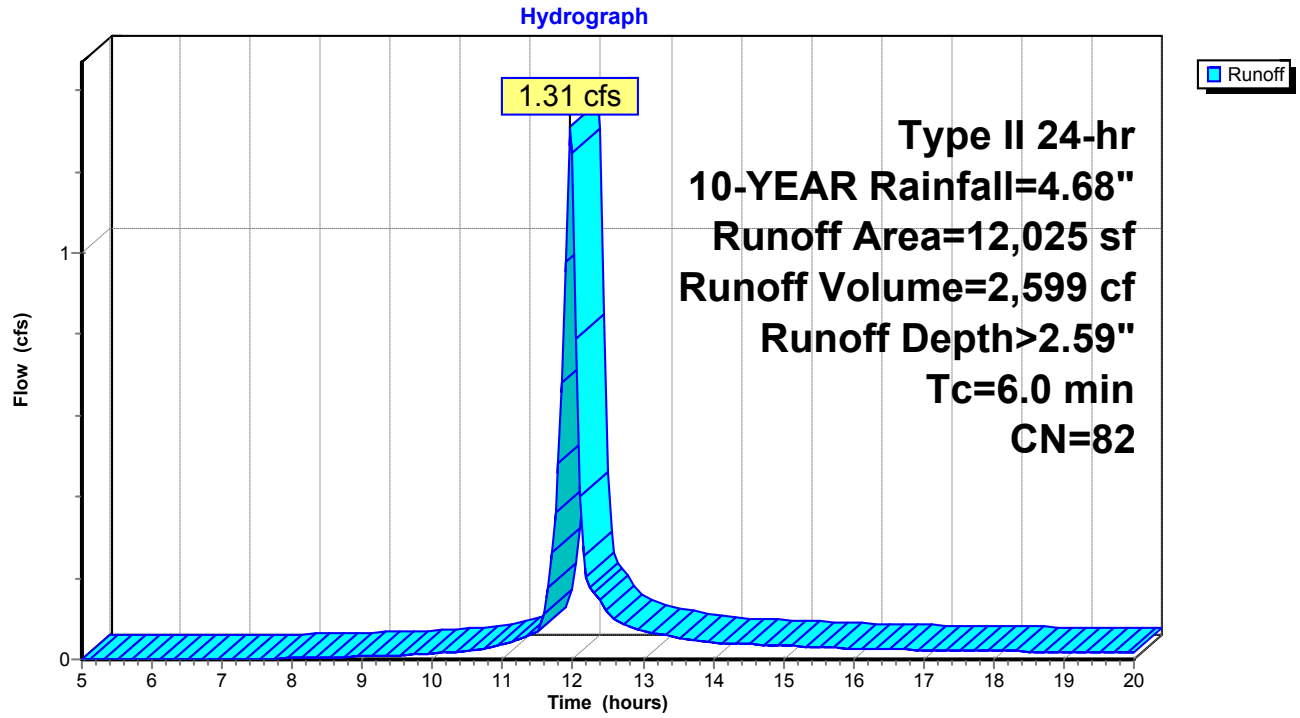
Runoff = 1.31 cfs @ 11.97 hrs, Volume= 2,599 cf, Depth> 2.59"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
4,042	49	50-75% Grass cover, Fair, HSG A
7,983	98	Paved parking, HSG A
12,025	82	Weighted Average
4,042		33.61% Pervious Area
7,983		66.39% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-2: DA-2



Summary for Subcatchment DA-3: DA-3

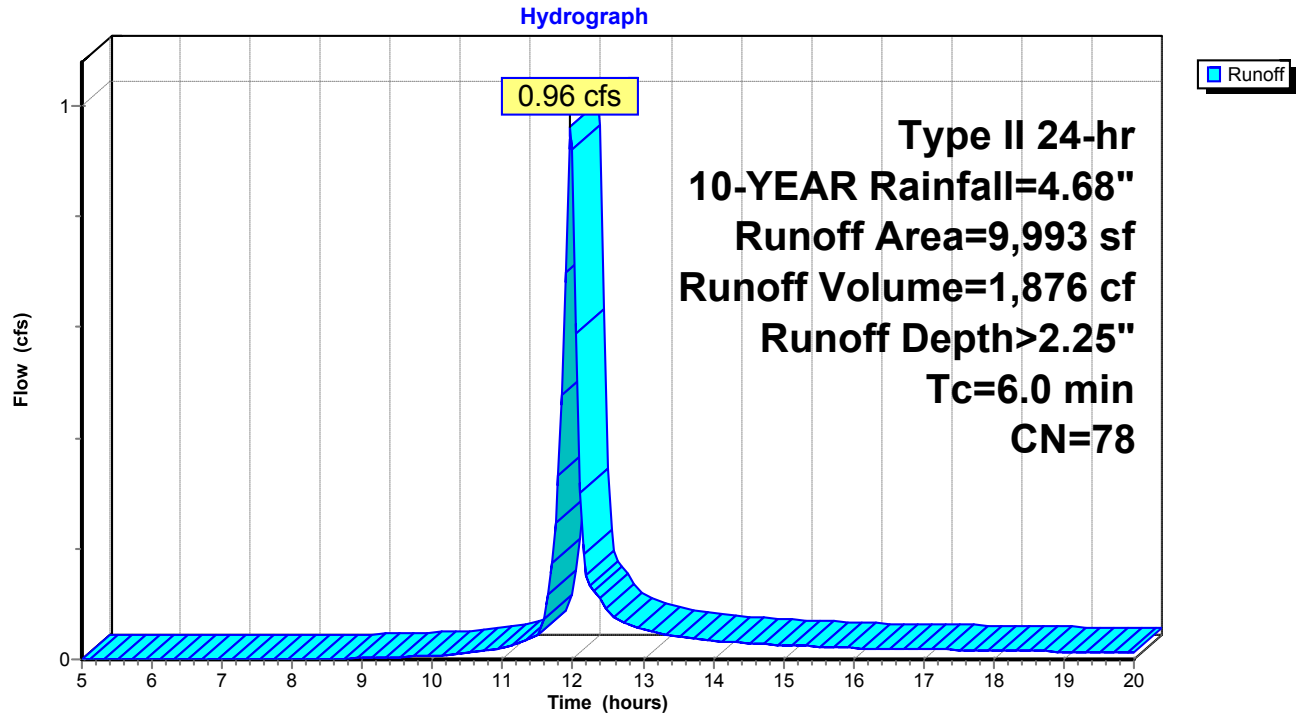
Runoff = 0.96 cfs @ 11.97 hrs, Volume= 1,876 cf, Depth> 2.25"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
4,104	49	50-75% Grass cover, Fair, HSG A
5,889	98	Paved parking, HSG A
9,993	78	Weighted Average
4,104		41.07% Pervious Area
5,889		58.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-3: DA-3



Summary for Subcatchment DA-4: DA-4

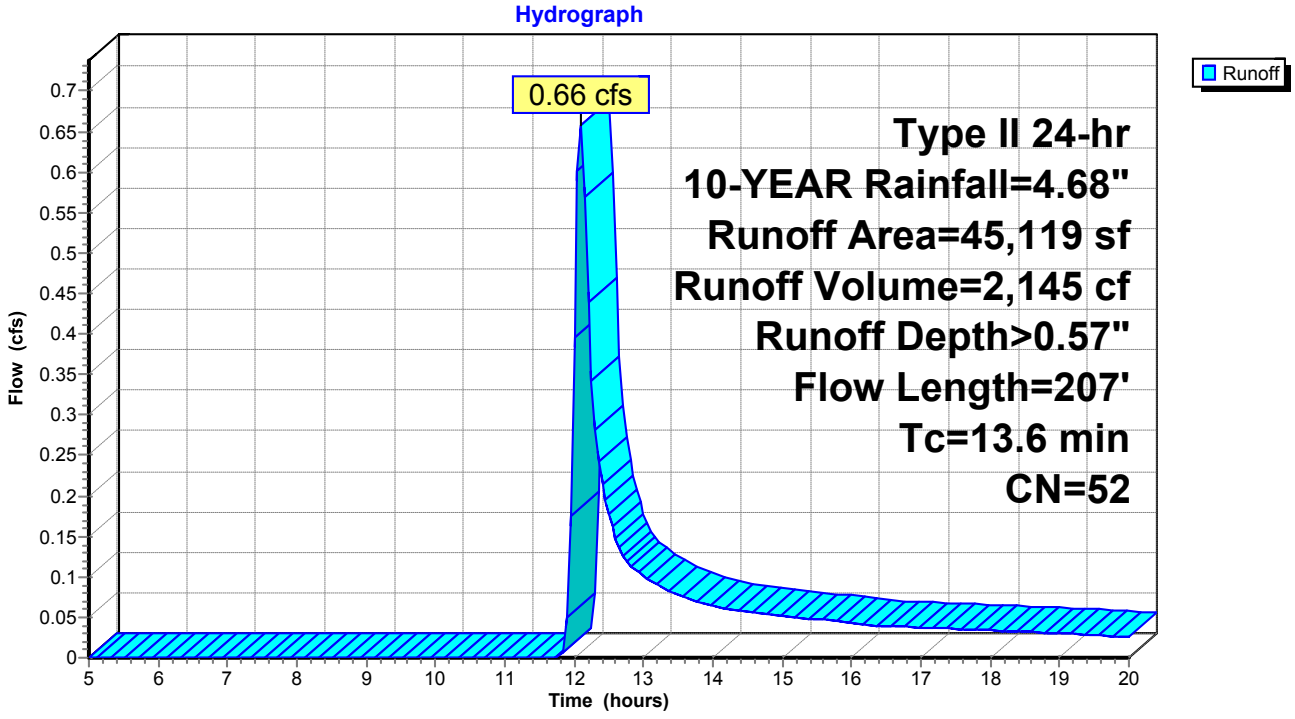
Runoff = 0.66 cfs @ 12.09 hrs, Volume= 2,145 cf, Depth> 0.57"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
41,938	49	50-75% Grass cover, Fair, HSG A
3,181	98	Paved parking, HSG A
45,119	52	Weighted Average
41,938		92.95% Pervious Area
3,181		7.05% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.8	100	0.0325	0.14		**Sheet Flow, A-B** Grass: Dense n= 0.240 P2= 3.16"
1.8	107	0.0210	1.01		**Shallow Concentrated Flow, B-C** Short Grass Pasture Kv= 7.0 fps
13.6	207	Total			

Subcatchment DA-4: DA-4

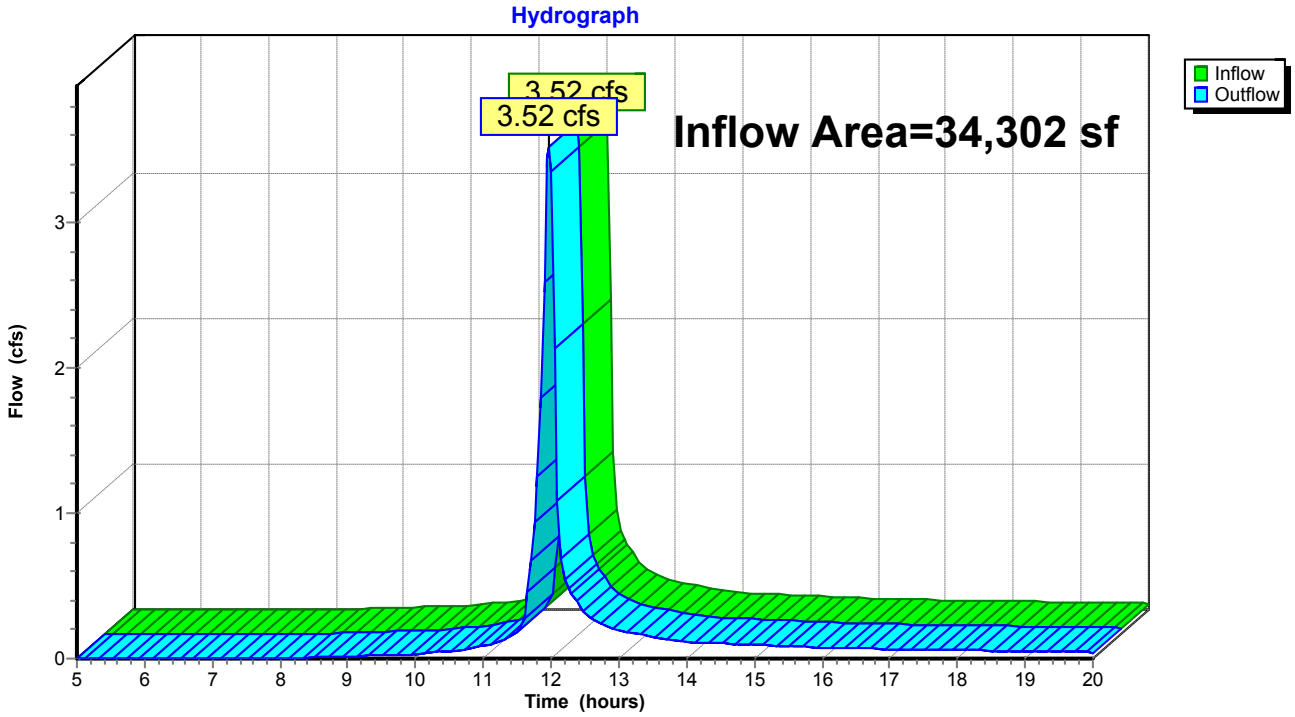


Summary for Reach DP-1: DP-1

Inflow Area = 34,302 sf, 62.78% Impervious, Inflow Depth > 2.42" for 10-YEAR event
Inflow = 3.52 cfs @ 11.97 hrs, Volume= 6,918 cf
Outflow = 3.52 cfs @ 11.97 hrs, Volume= 6,918 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Reach DP-1: DP-1

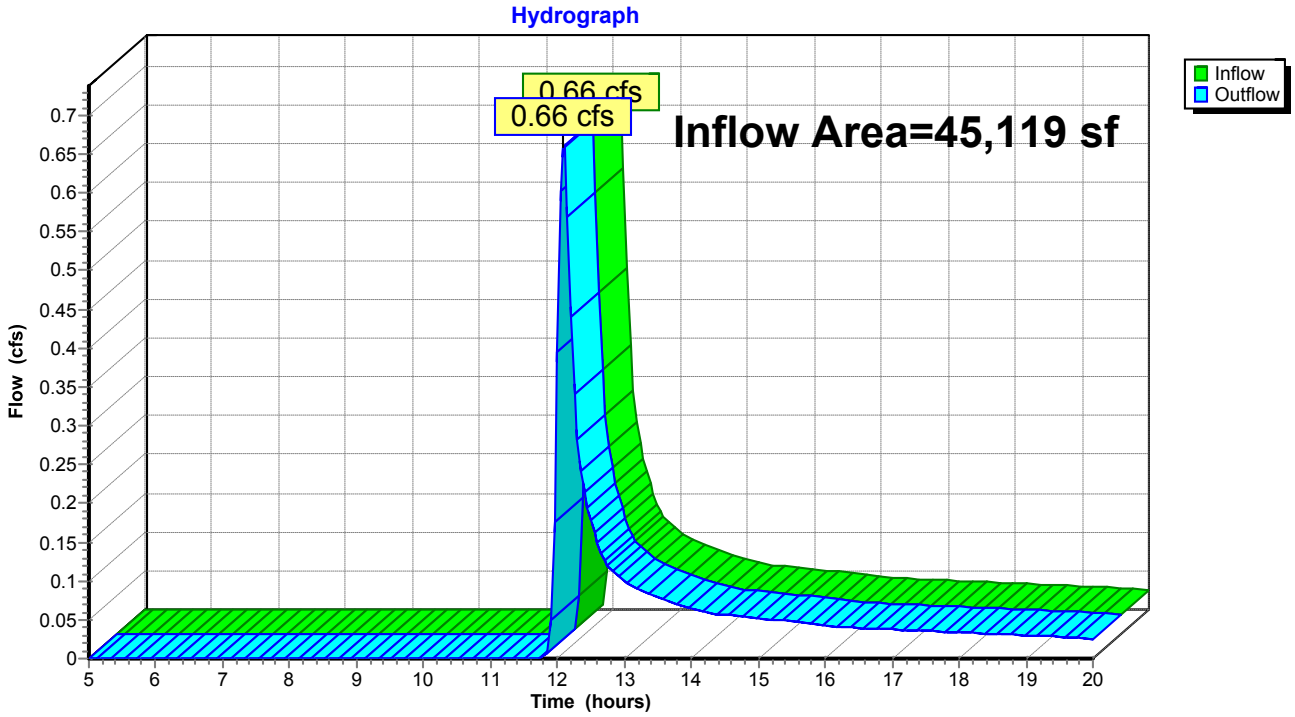


Summary for Reach DP-4: DP-4

Inflow Area = 45,119 sf, 7.05% Impervious, Inflow Depth > 0.57" for 10-YEAR event
Inflow = 0.66 cfs @ 12.09 hrs, Volume= 2,145 cf
Outflow = 0.66 cfs @ 12.09 hrs, Volume= 2,145 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Reach DP-4: DP-4



Summary for Pond DP-2: EXISTING CATCH BASIN

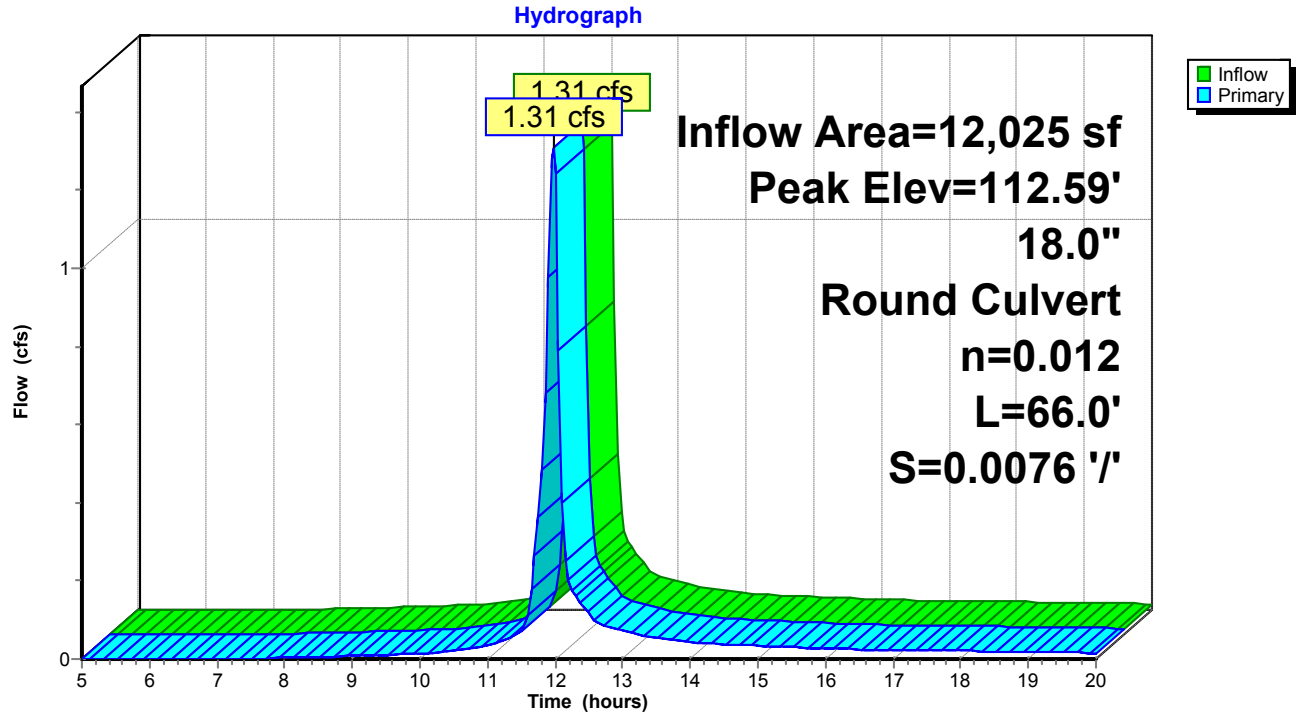
Inflow Area = 12,025 sf, 66.39% Impervious, Inflow Depth > 2.59" for 10-YEAR event
Inflow = 1.31 cfs @ 11.97 hrs, Volume= 2,599 cf
Outflow = 1.31 cfs @ 11.97 hrs, Volume= 2,599 cf, Atten= 0%, Lag= 0.0 min
Primary = 1.31 cfs @ 11.97 hrs, Volume= 2,599 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 112.59' @ 11.97 hrs
Flood Elev= 114.48'

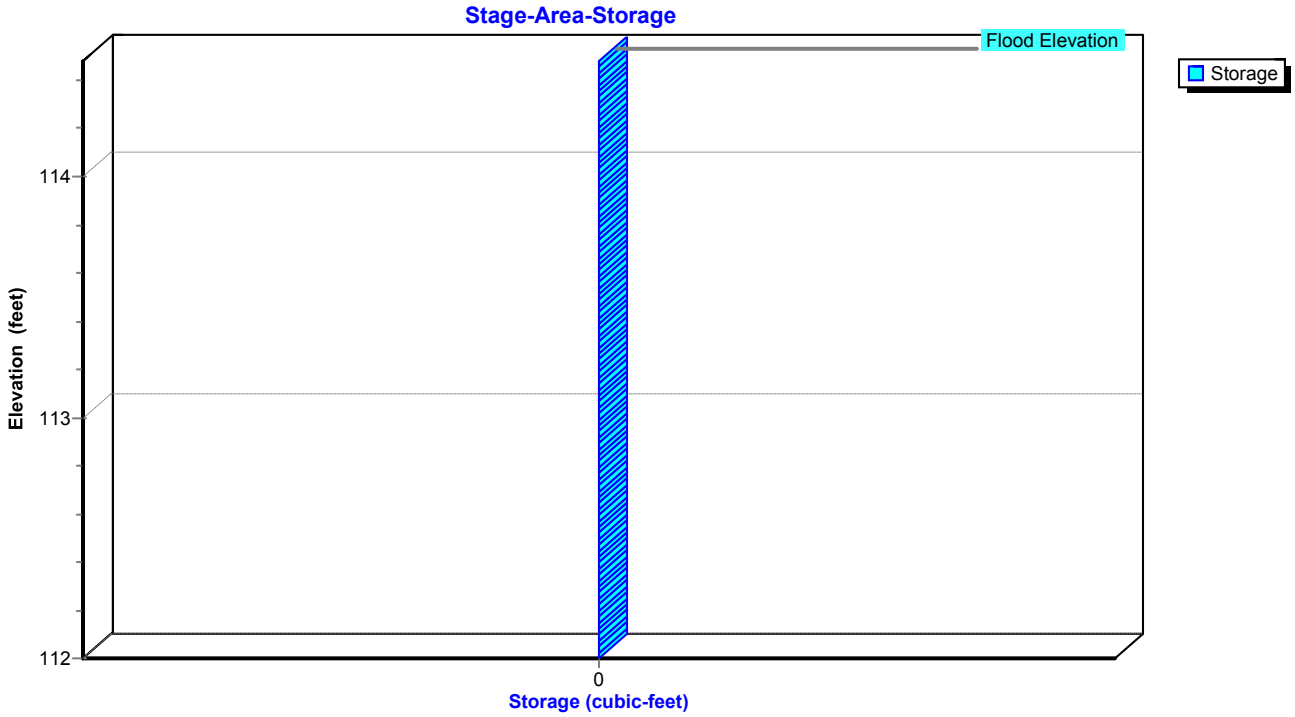
Device	Routing	Invert	Outlet Devices
#1	Primary	112.00'	**18.0" Round Culvert** L= 66.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 112.00' / 111.50' S= 0.0076 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 1.77 sf

Primary OutFlow Max=1.27 cfs @ 11.97 hrs HW=112.57' (Free Discharge)
1=Culvert (Inlet Controls 1.27 cfs @ 2.04 fps)

Pond DP-2: EXISTING CATCH BASIN



Pond DP-2: EXISTING CATCH BASIN



Stage-Area-Storage for Pond DP-2: EXISTING CATCH BASIN

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
112.00	**0**	113.06	0	114.12	0
112.02	0	113.08	0	114.14	0
112.04	0	113.10	0	114.16	0
112.06	0	113.12	0	114.18	0
112.08	0	113.14	0	114.20	0
112.10	0	113.16	0	114.22	0
112.12	0	113.18	0	114.24	0
112.14	0	113.20	0	114.26	0
112.16	0	113.22	0	114.28	0
112.18	0	113.24	0	114.30	0
112.20	0	113.26	0	114.32	0
112.22	0	113.28	0	114.34	0
112.24	0	113.30	0	114.36	0
112.26	0	113.32	0	114.38	0
112.28	0	113.34	0	114.40	0
112.30	0	113.36	0	114.42	0
112.32	0	113.38	0	114.44	0
112.34	0	113.40	0	114.46	0
112.36	0	113.42	0	114.48	0
112.38	0	113.44	0		
112.40	0	113.46	0		
112.42	0	113.48	0		
112.44	0	113.50	0		
112.46	0	113.52	0		
112.48	0	113.54	0		
112.50	0	113.56	0		
112.52	0	113.58	0		
112.54	0	113.60	0		
112.56	0	113.62	0		
112.58	0	113.64	0		
112.60	0	113.66	0		
112.62	0	113.68	0		
112.64	0	113.70	0		
112.66	0	113.72	0		
112.68	0	113.74	0		
112.70	0	113.76	0		
112.72	0	113.78	0		
112.74	0	113.80	0		
112.76	0	113.82	0		
112.78	0	113.84	0		
112.80	0	113.86	0		
112.82	0	113.88	0		
112.84	0	113.90	0		
112.86	0	113.92	0		
112.88	0	113.94	0		
112.90	0	113.96	0		
112.92	0	113.98	0		
112.94	0	114.00	0		
112.96	0	114.02	0		
112.98	0	114.04	0		
113.00	0	114.06	0		
113.02	0	114.08	0		
113.04	0	114.10	0		

Summary for Pond DP-3: DP-3

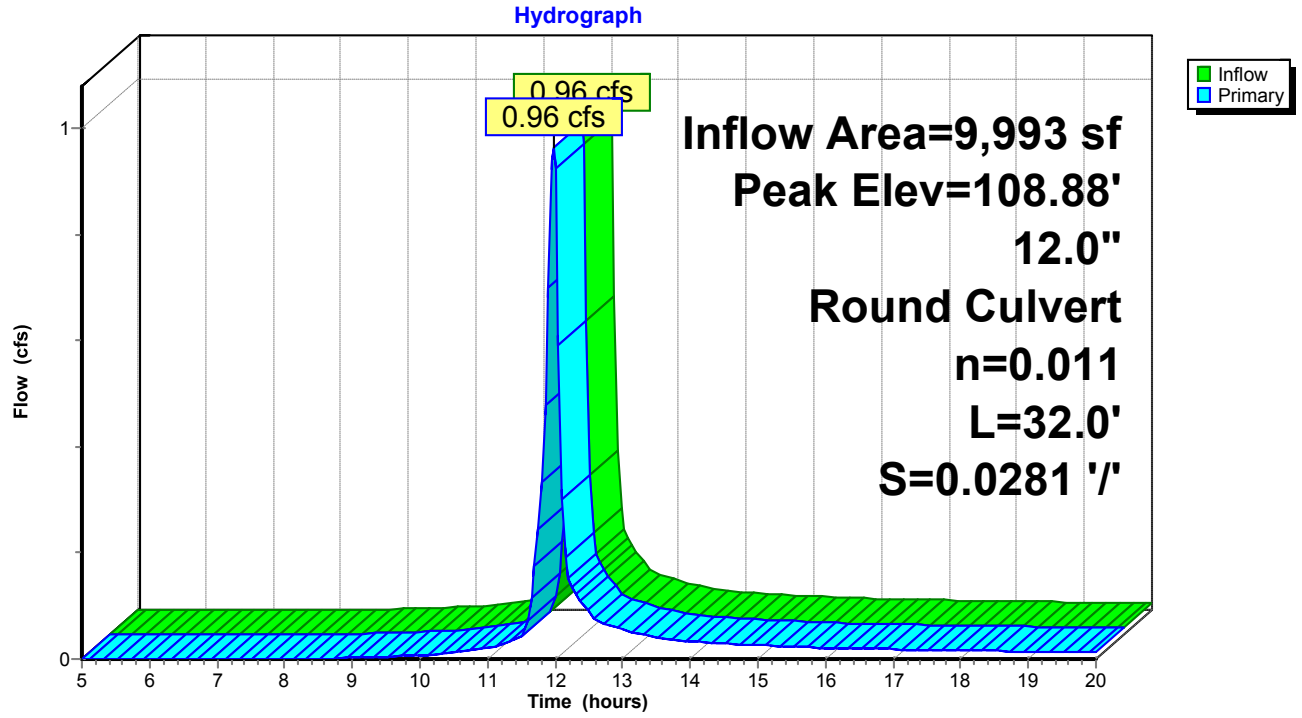
Inflow Area = 9,993 sf, 58.93% Impervious, Inflow Depth > 2.25" for 10-YEAR event
Inflow = 0.96 cfs @ 11.97 hrs, Volume= 1,876 cf
Outflow = 0.96 cfs @ 11.97 hrs, Volume= 1,876 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.96 cfs @ 11.97 hrs, Volume= 1,876 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 108.88' @ 11.97 hrs
Flood Elev= 112.38'

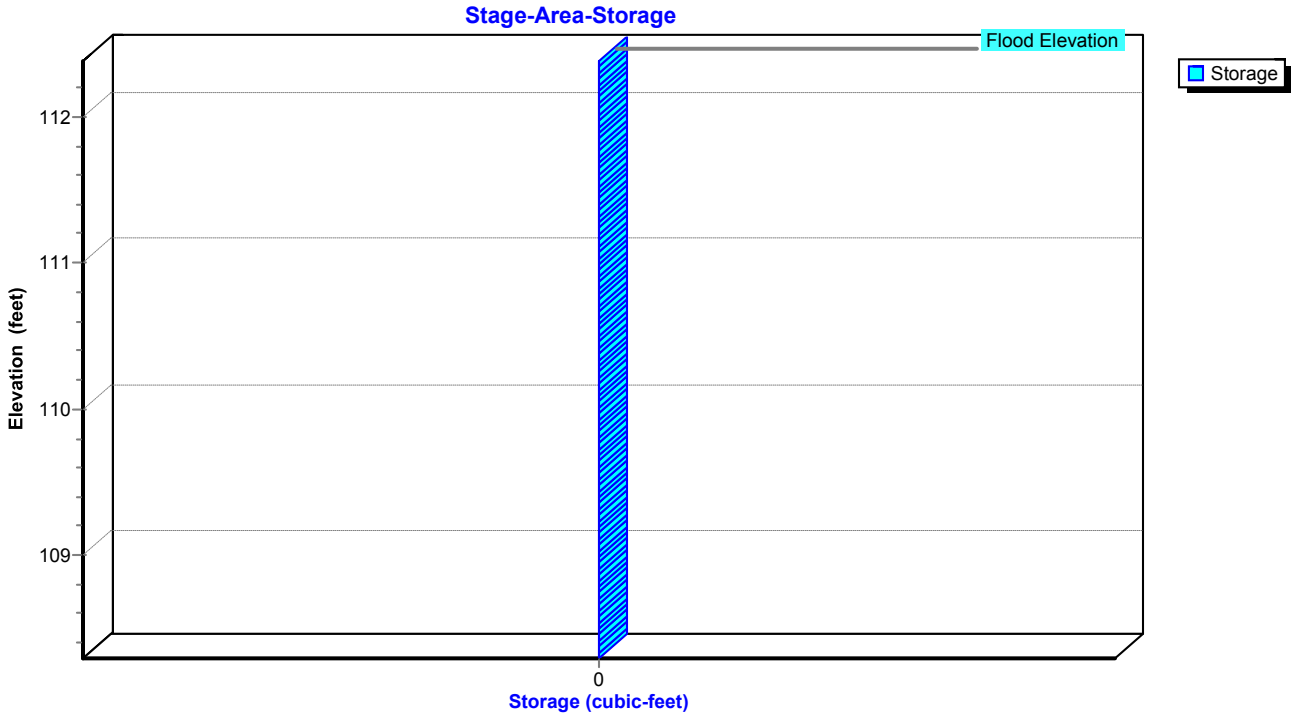
Device	Routing	Invert	Outlet Devices
#1	Primary	108.30'	**12.0" Round Culvert** L= 32.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.30' / 107.40' S= 0.0281 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 0.79 sf

Primary OutFlow Max=0.93 cfs @ 11.97 hrs HW=108.87' (Free Discharge)
1=Culvert (Inlet Controls 0.93 cfs @ 2.02 fps)

Pond DP-3: DP-3



Pond DP-3: DP-3


Stage-Area-Storage
Flood Elevation
Storage
112
111
110
109
Elevation (feet)
0
Storage (cubic-feet)

Stage-Area-Storage for Pond DP-3: DP-3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.30	**0**	110.95	0
108.35	0	111.00	0
108.40	0	111.05	0
108.45	0	111.10	0
108.50	0	111.15	0
108.55	0	111.20	0
108.60	0	111.25	0
108.65	0	111.30	0
108.70	0	111.35	0
108.75	0	111.40	0
108.80	0	111.45	0
108.85	0	111.50	0
108.90	0	111.55	0
108.95	0	111.60	0
109.00	0	111.65	0
109.05	0	111.70	0
109.10	0	111.75	0
109.15	0	111.80	0
109.20	0	111.85	0
109.25	0	111.90	0
109.30	0	111.95	0
109.35	0	112.00	0
109.40	0	112.05	0
109.45	0	112.10	0
109.50	0	112.15	0
109.55	0	112.20	0
109.60	0	112.25	0
109.65	0	112.30	0
109.70	0	112.35	0
109.75	0		
109.80	0		
109.85	0		
109.90	0		
109.95	0		
110.00	0		
110.05	0		
110.10	0		
110.15	0		
110.20	0		
110.25	0		
110.30	0		
110.35	0		
110.40	0		
110.45	0		
110.50	0		
110.55	0		
110.60	0		
110.65	0		
110.70	0		
110.75	0		
110.80	0		
110.85	0		
110.90	0		

Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA-1: DA-1 Runoff Area=34,302 sf 62.78% Impervious Runoff Depth>5.45"
Tc=6.0 min CN=80 Runoff=7.59 cfs 15,592 cf

Subcatchment DA-2: DA-2 Runoff Area=12,025 sf 66.39% Impervious Runoff Depth>5.69"
Tc=6.0 min CN=82 Runoff=2.74 cfs 5,697 cf

Subcatchment DA-3: DA-3 Runoff Area=9,993 sf 58.93% Impervious Runoff Depth>5.22"
Tc=6.0 min CN=78 Runoff=2.14 cfs 4,350 cf

Subcatchment DA-4: DA-4 Runoff Area=45,119 sf 7.05% Impervious Runoff Depth>2.34"
Flow Length=207' Tc=13.6 min CN=52 Runoff=3.49 cfs 8,790 cf

Reach DP-1: DP-1 Inflow=7.59 cfs 15,592 cf
Outflow=7.59 cfs 15,592 cf

Reach DP-4: DP-4 Inflow=3.49 cfs 8,790 cf
Outflow=3.49 cfs 8,790 cf

Pond DP-2: EXISTING CATCH BASIN Peak Elev=112.89' Inflow=2.74 cfs 5,697 cf
18.0" Round Culvert n=0.012 L=66.0' S=0.0076 '/' Outflow=2.74 cfs 5,697 cf

Pond DP-3: DP-3 Peak Elev=109.31' Inflow=2.14 cfs 4,350 cf
12.0" Round Culvert n=0.011 L=32.0' S=0.0281 '/' Outflow=2.14 cfs 4,350 cf

Total Runoff Area = 101,439 sf Runoff Volume = 34,429 cf Average Runoff Depth = 4.07"
61.96% Pervious = 62,851 sf 38.04% Impervious = 38,588 sf

Summary for Subcatchment DA-1: DA-1

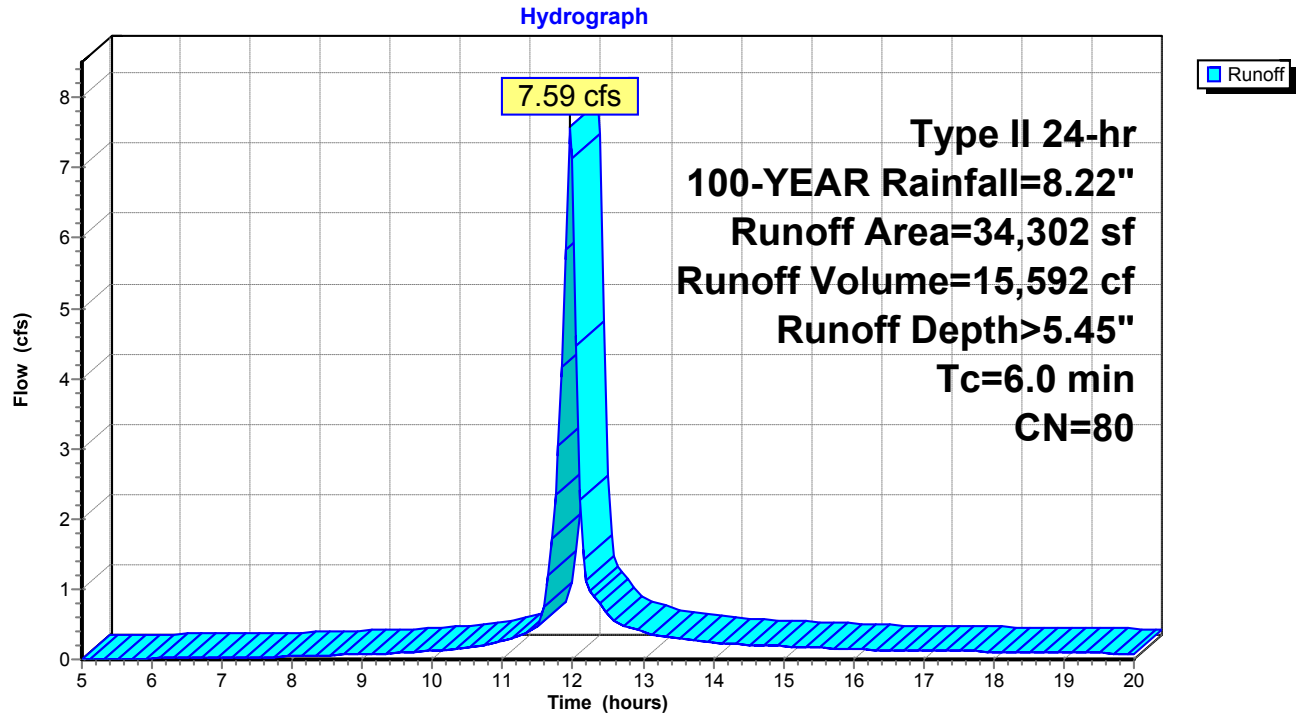
Runoff = 7.59 cfs @ 11.97 hrs, Volume= 15,592 cf, Depth> 5.45"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
12,767	49	50-75% Grass cover, Fair, HSG A
21,535	98	Paved parking, HSG A
34,302	80	Weighted Average
12,767		37.22% Pervious Area
21,535		62.78% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-1: DA-1



Summary for Subcatchment DA-2: DA-2

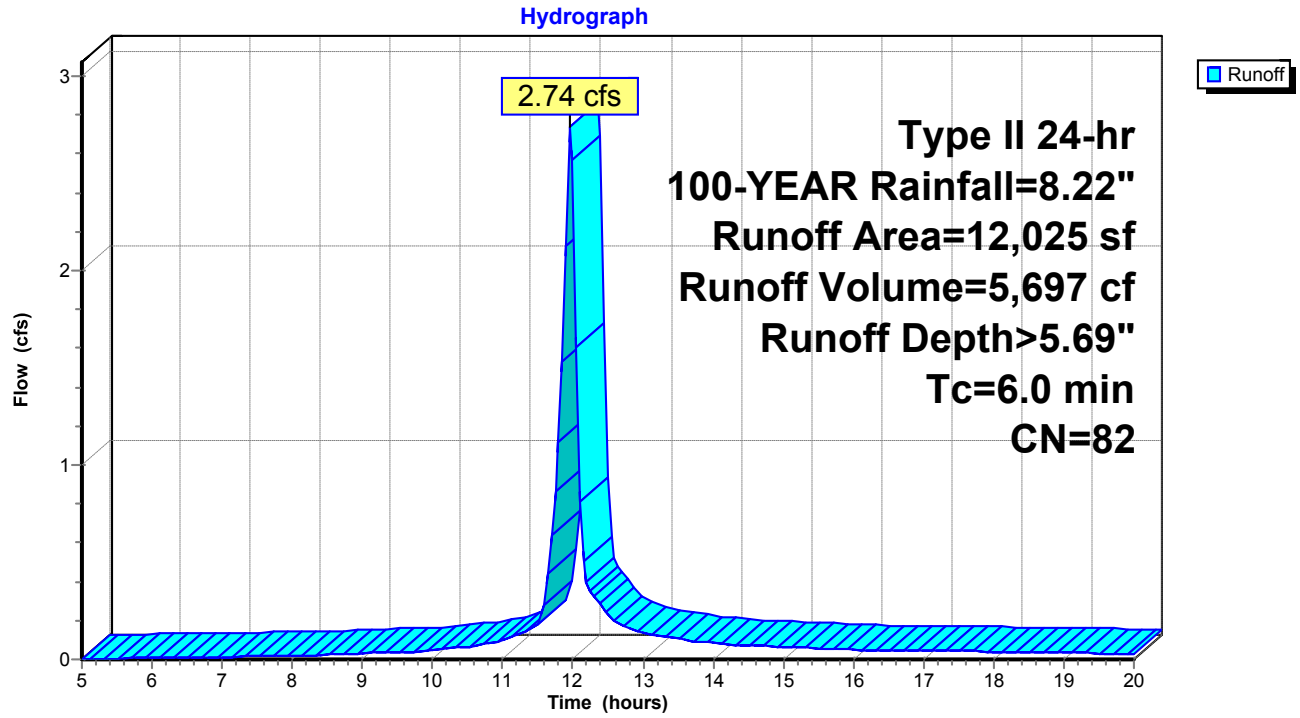
Runoff = 2.74 cfs @ 11.97 hrs, Volume= 5,697 cf, Depth> 5.69"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
4,042	49	50-75% Grass cover, Fair, HSG A
7,983	98	Paved parking, HSG A
12,025	82	Weighted Average
4,042		33.61% Pervious Area
7,983		66.39% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-2: DA-2



Summary for Subcatchment DA-3: DA-3

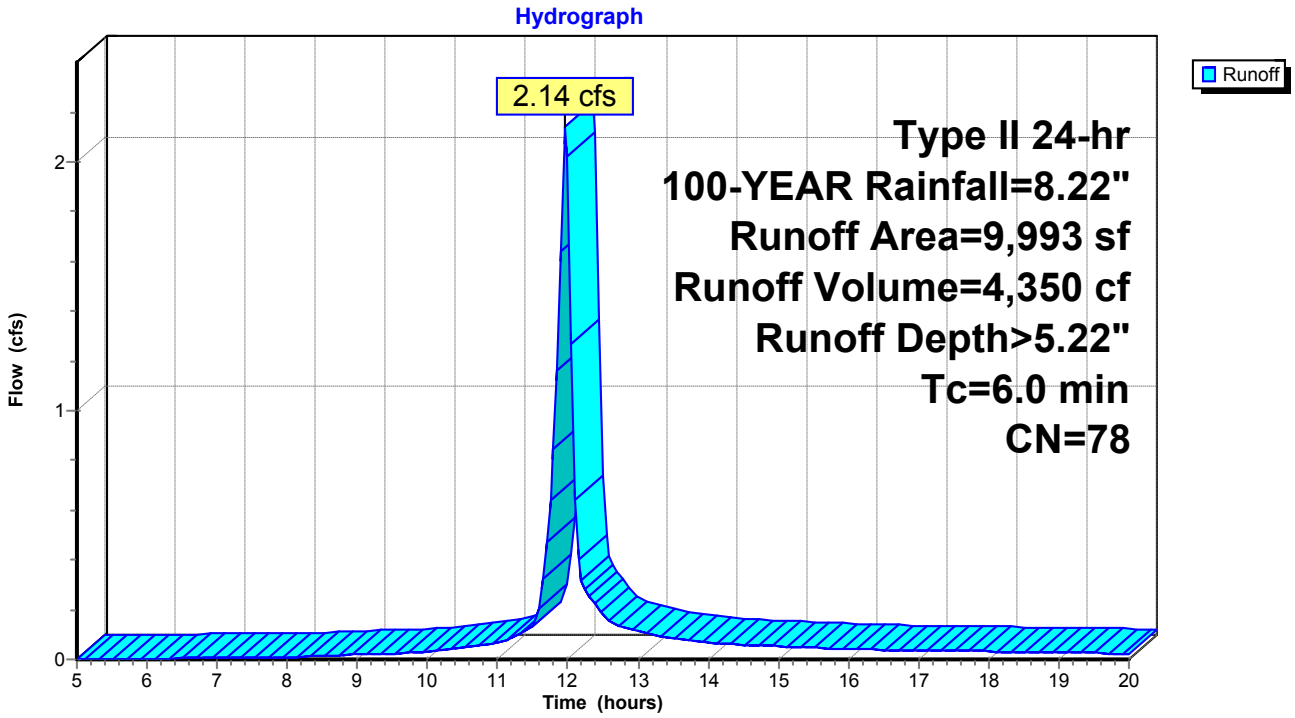
Runoff = 2.14 cfs @ 11.97 hrs, Volume= 4,350 cf, Depth> 5.22"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
4,104	49	50-75% Grass cover, Fair, HSG A
5,889	98	Paved parking, HSG A
9,993	78	Weighted Average
4,104		41.07% Pervious Area
5,889		58.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-3: DA-3



Summary for Subcatchment DA-4: DA-4

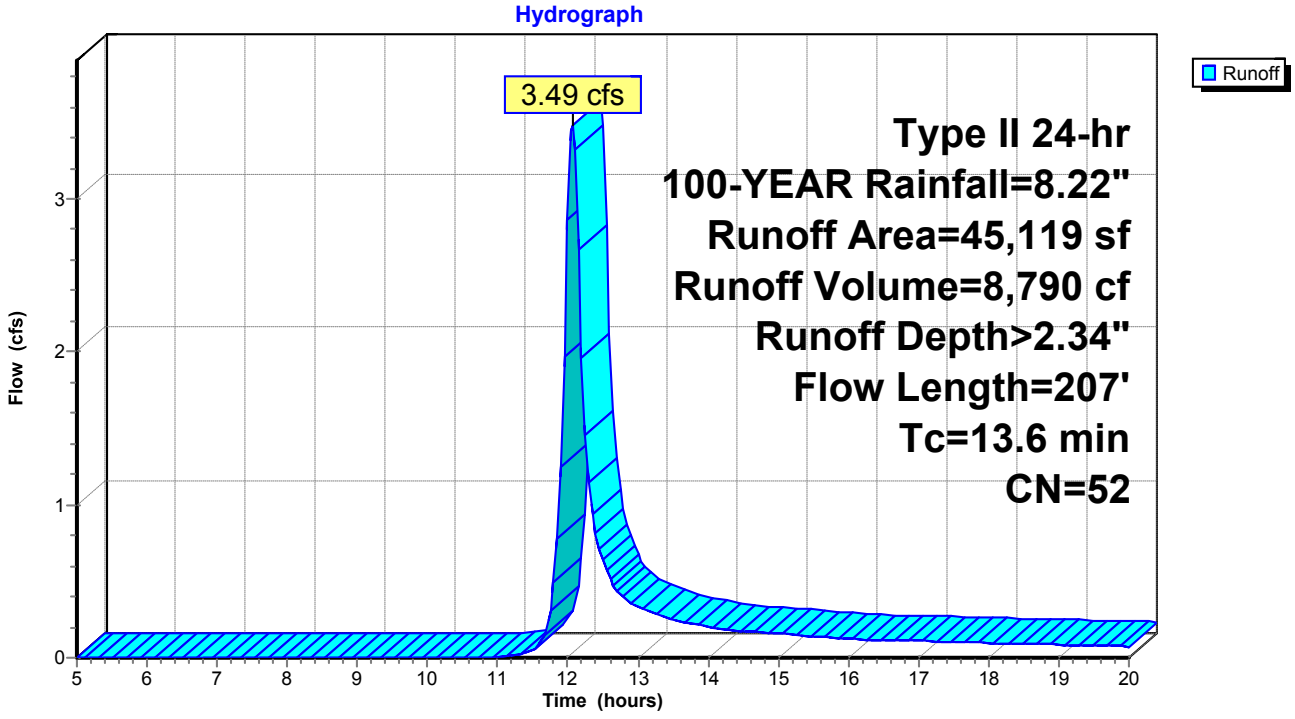
Runoff = 3.49 cfs @ 12.07 hrs, Volume= 8,790 cf, Depth> 2.34"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
41,938	49	50-75% Grass cover, Fair, HSG A
3,181	98	Paved parking, HSG A
45,119	52	Weighted Average
41,938		92.95% Pervious Area
3,181		7.05% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.8	100	0.0325	0.14		**Sheet Flow, A-B** Grass: Dense n= 0.240 P2= 3.16"
1.8	107	0.0210	1.01		**Shallow Concentrated Flow, B-C** Short Grass Pasture Kv= 7.0 fps
13.6	207	Total			

Subcatchment DA-4: DA-4

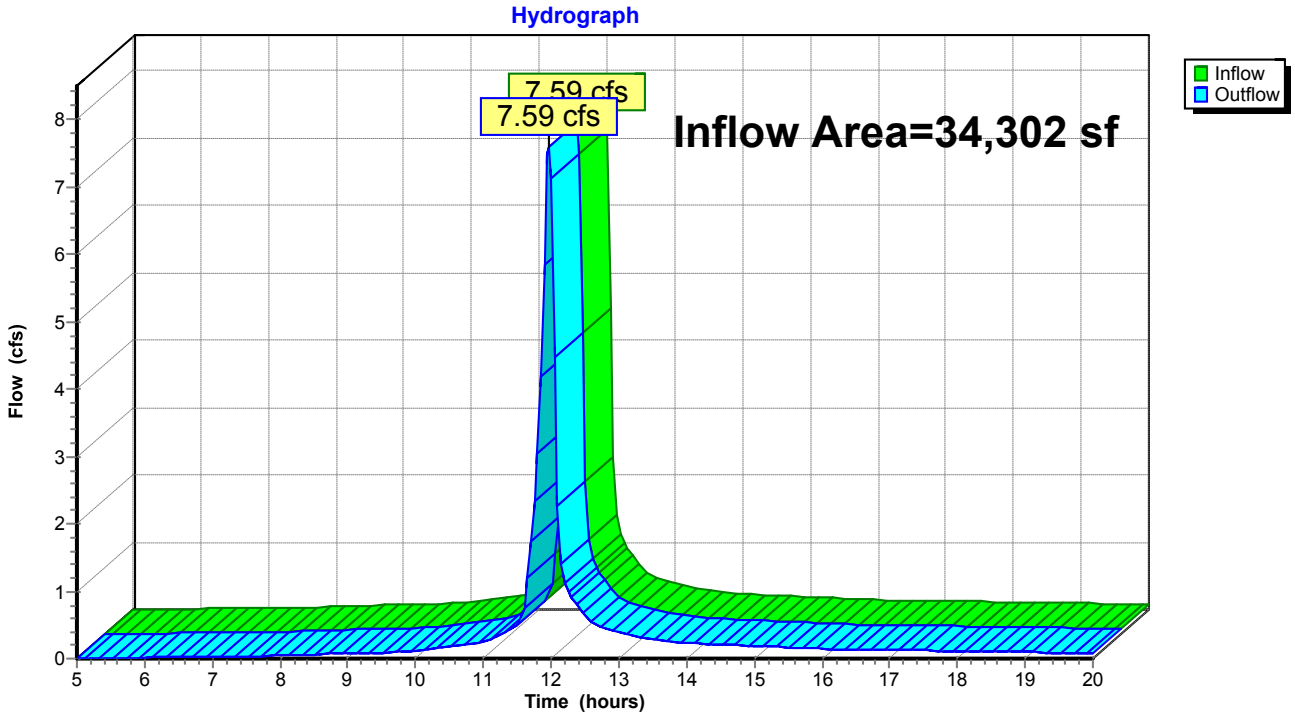


Summary for Reach DP-1: DP-1

Inflow Area = 34,302 sf, 62.78% Impervious, Inflow Depth > 5.45" for 100-YEAR event
Inflow = 7.59 cfs @ 11.97 hrs, Volume= 15,592 cf
Outflow = 7.59 cfs @ 11.97 hrs, Volume= 15,592 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Reach DP-1: DP-1

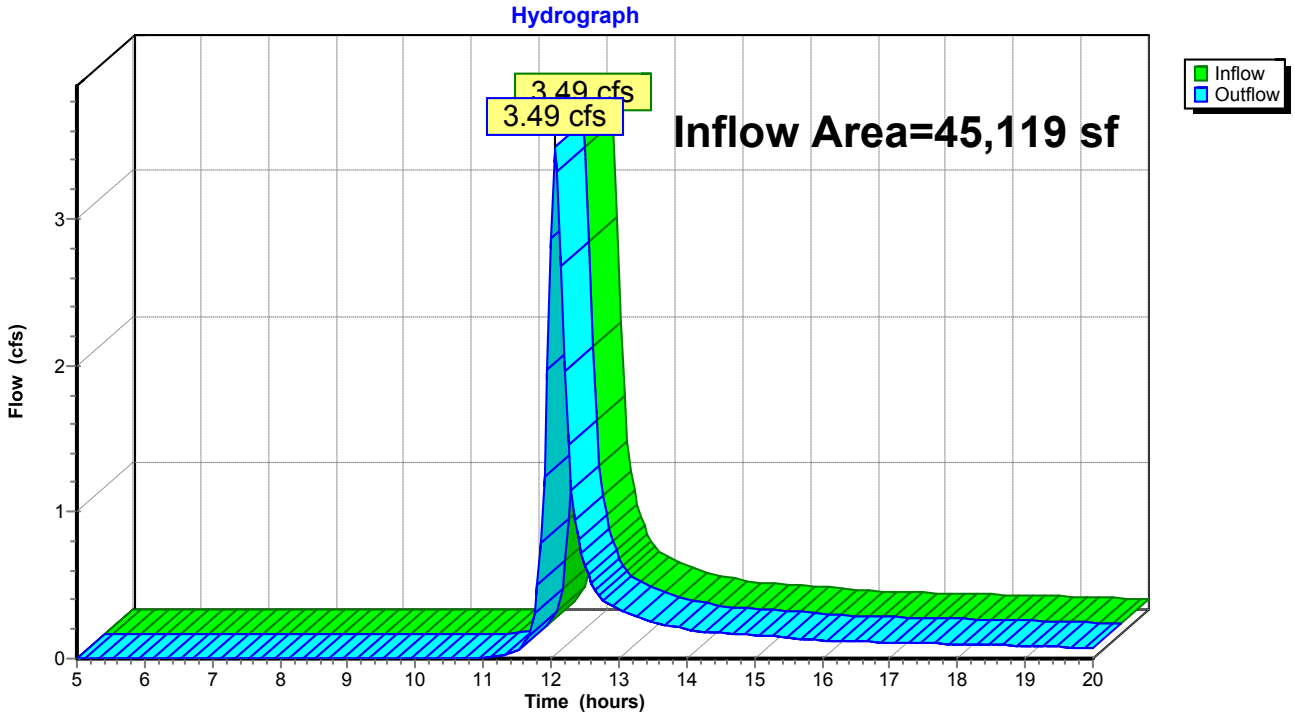


Summary for Reach DP-4: DP-4

Inflow Area = 45,119 sf, 7.05% Impervious, Inflow Depth > 2.34" for 100-YEAR event
Inflow = 3.49 cfs @ 12.07 hrs, Volume= 8,790 cf
Outflow = 3.49 cfs @ 12.07 hrs, Volume= 8,790 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs

Reach DP-4: DP-4



Summary for Pond DP-2: EXISTING CATCH BASIN

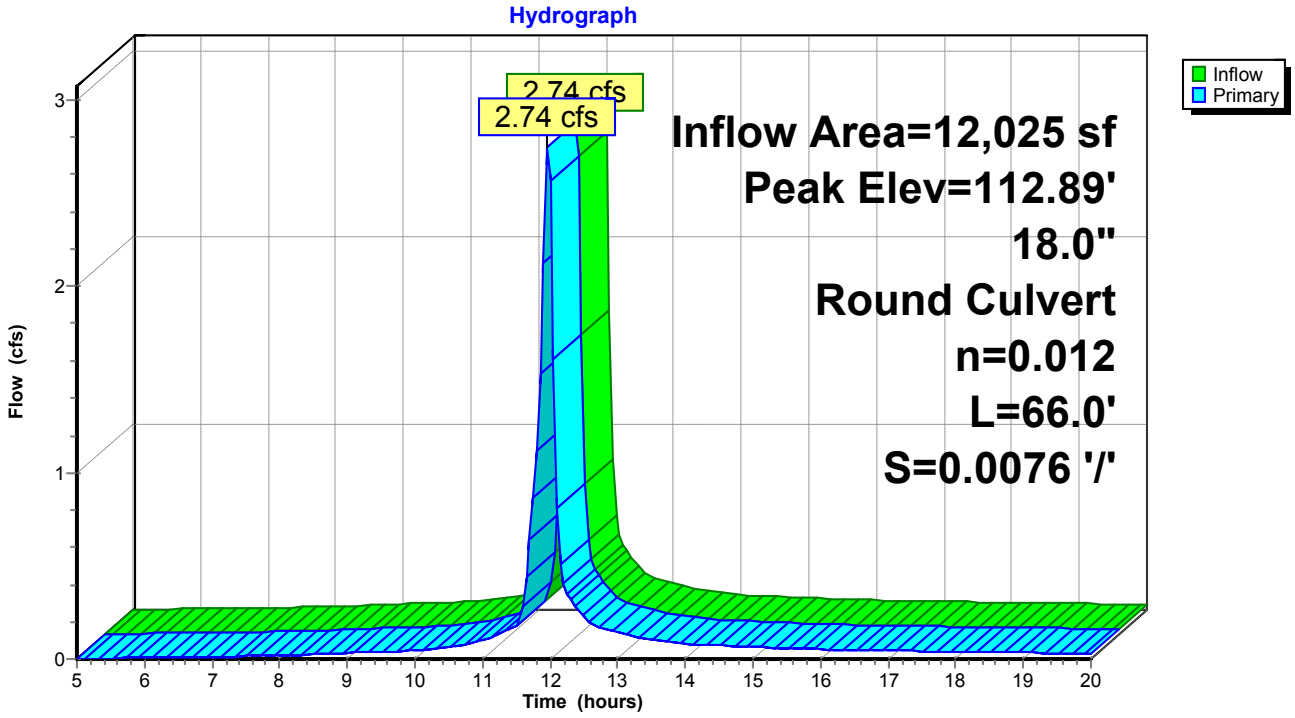
Inflow Area = 12,025 sf, 66.39% Impervious, Inflow Depth > 5.69" for 100-YEAR event
Inflow = 2.74 cfs @ 11.97 hrs, Volume= 5,697 cf
Outflow = 2.74 cfs @ 11.97 hrs, Volume= 5,697 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.74 cfs @ 11.97 hrs, Volume= 5,697 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 112.89' @ 11.97 hrs
Flood Elev= 114.48'

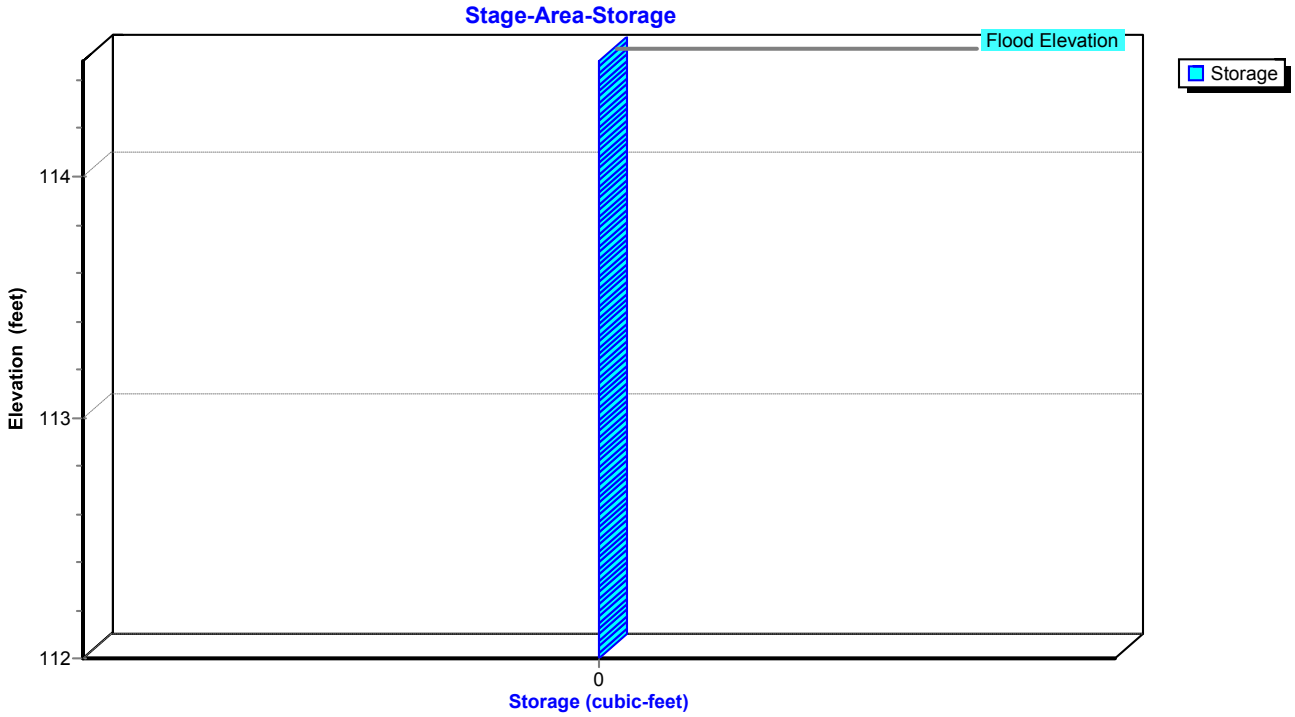
Device	Routing	Invert	Outlet Devices
#1	Primary	112.00'	**18.0" Round Culvert** L= 66.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 112.00' / 111.50' S= 0.0076 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 1.77 sf

Primary OutFlow Max=2.67 cfs @ 11.97 hrs HW=112.87' (Free Discharge)
1=Culvert (Inlet Controls 2.67 cfs @ 2.51 fps)

Pond DP-2: EXISTING CATCH BASIN



Pond DP-2: EXISTING CATCH BASIN



Stage-Area-Storage for Pond DP-2: EXISTING CATCH BASIN

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
112.00	**0**	113.06	0	114.12	0
112.02	0	113.08	0	114.14	0
112.04	0	113.10	0	114.16	0
112.06	0	113.12	0	114.18	0
112.08	0	113.14	0	114.20	0
112.10	0	113.16	0	114.22	0
112.12	0	113.18	0	114.24	0
112.14	0	113.20	0	114.26	0
112.16	0	113.22	0	114.28	0
112.18	0	113.24	0	114.30	0
112.20	0	113.26	0	114.32	0
112.22	0	113.28	0	114.34	0
112.24	0	113.30	0	114.36	0
112.26	0	113.32	0	114.38	0
112.28	0	113.34	0	114.40	0
112.30	0	113.36	0	114.42	0
112.32	0	113.38	0	114.44	0
112.34	0	113.40	0	114.46	0
112.36	0	113.42	0	114.48	0
112.38	0	113.44	0		
112.40	0	113.46	0		
112.42	0	113.48	0		
112.44	0	113.50	0		
112.46	0	113.52	0		
112.48	0	113.54	0		
112.50	0	113.56	0		
112.52	0	113.58	0		
112.54	0	113.60	0		
112.56	0	113.62	0		
112.58	0	113.64	0		
112.60	0	113.66	0		
112.62	0	113.68	0		
112.64	0	113.70	0		
112.66	0	113.72	0		
112.68	0	113.74	0		
112.70	0	113.76	0		
112.72	0	113.78	0		
112.74	0	113.80	0		
112.76	0	113.82	0		
112.78	0	113.84	0		
112.80	0	113.86	0		
112.82	0	113.88	0		
112.84	0	113.90	0		
112.86	0	113.92	0		
112.88	0	113.94	0		
112.90	0	113.96	0		
112.92	0	113.98	0		
112.94	0	114.00	0		
112.96	0	114.02	0		
112.98	0	114.04	0		
113.00	0	114.06	0		
113.02	0	114.08	0		
113.04	0	114.10	0		

Summary for Pond DP-3: DP-3

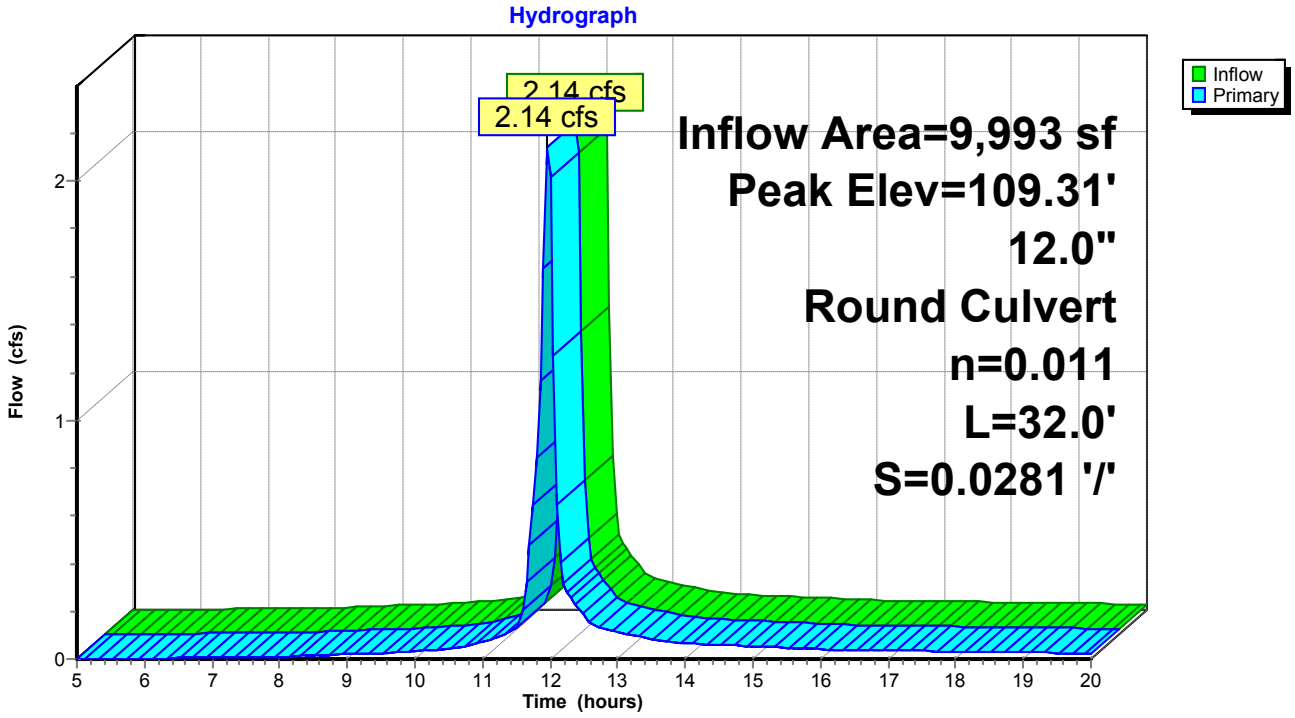
Inflow Area = 9,993 sf, 58.93% Impervious, Inflow Depth > 5.22" for 100-YEAR event
Inflow = 2.14 cfs @ 11.97 hrs, Volume= 4,350 cf
Outflow = 2.14 cfs @ 11.97 hrs, Volume= 4,350 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.14 cfs @ 11.97 hrs, Volume= 4,350 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Peak Elev= 109.31' @ 11.97 hrs
Flood Elev= 112.38'

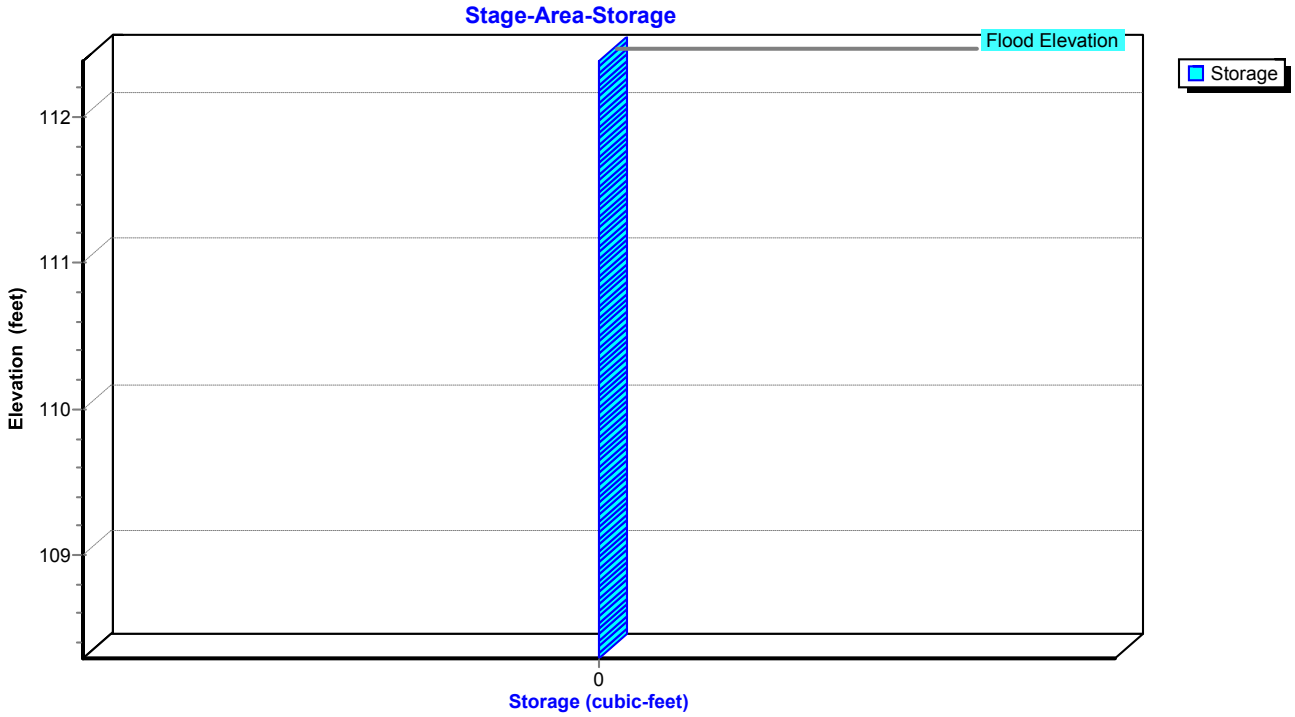
Device	Routing	Invert	Outlet Devices
#1	Primary	108.30'	**12.0" Round Culvert** L= 32.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.30' / 107.40' S= 0.0281 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 0.79 sf

Primary OutFlow Max=2.08 cfs @ 11.97 hrs HW=109.28' (Free Discharge)
1=Culvert (Inlet Controls 2.08 cfs @ 2.66 fps)

Pond DP-3: DP-3

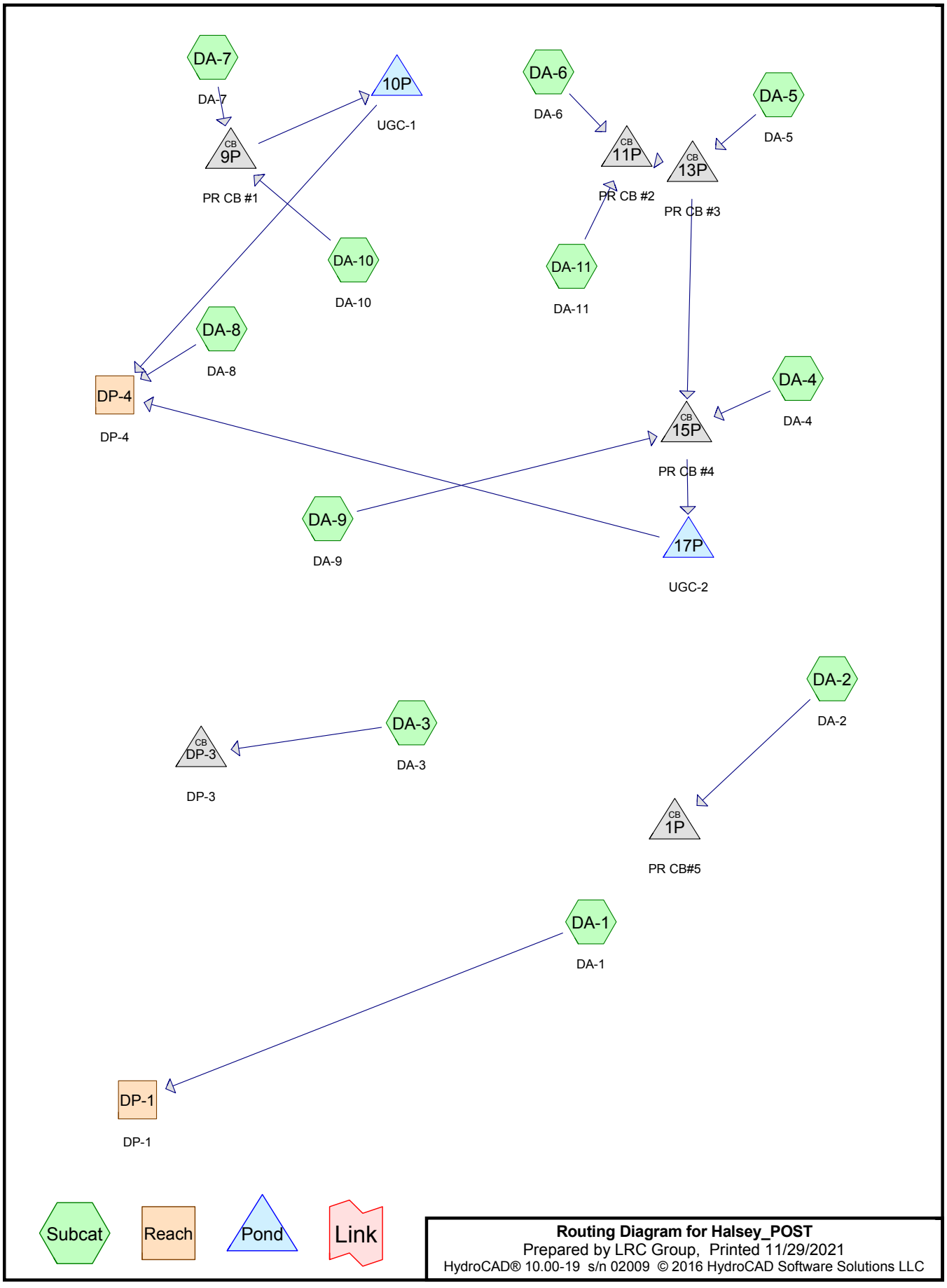


Pond DP-3: DP-3


Stage-Area-Storage
Flood Elevation
Storage
112
111
110
109
Elevation (feet)
0
Storage (cubic-feet)

Stage-Area-Storage for Pond DP-3: DP-3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.30	**0**	110.95	0
108.35	0	111.00	0
108.40	0	111.05	0
108.45	0	111.10	0
108.50	0	111.15	0
108.55	0	111.20	0
108.60	0	111.25	0
108.65	0	111.30	0
108.70	0	111.35	0
108.75	0	111.40	0
108.80	0	111.45	0
108.85	0	111.50	0
108.90	0	111.55	0
108.95	0	111.60	0
109.00	0	111.65	0
109.05	0	111.70	0
109.10	0	111.75	0
109.15	0	111.80	0
109.20	0	111.85	0
109.25	0	111.90	0
109.30	0	111.95	0
109.35	0	112.00	0
109.40	0	112.05	0
109.45	0	112.10	0
109.50	0	112.15	0
109.55	0	112.20	0
109.60	0	112.25	0
109.65	0	112.30	0
109.70	0	112.35	0
109.75	0		
109.80	0		
109.85	0		
109.90	0		
109.95	0		
110.00	0		
110.05	0		
110.10	0		
110.15	0		
110.20	0		
110.25	0		
110.30	0		
110.35	0		
110.40	0		
110.45	0		
110.50	0		
110.55	0		
110.60	0		
110.65	0		
110.70	0		
110.75	0		
110.80	0		
110.85	0		
110.90	0		


DA-7
DA-7
10P
UGC-1
CB
9P
PR CB #1
DA-6
DA-6
DA-5
DA-5
CB
11P
CB
13P
PR CB #2
PR CB #3
DA-10
DA-10
DA-11
DA-11
DA-8
DA-8
DP-4
DP-4
DA-4
DA-4
CB
15P
PR CB #4
DA-9
DA-9
17P
UGC-2
DA-2
DA-2
DA-3
DA-3
CB
DP-3
DP-3
CB
1P
PR CB#5
DA-1
DA-1
DP-1
DP-1
Subcat
Reach
Pond
Link
Routing Diagram for Halsey_POST
Prepared by LRC Group, Printed 11/29/2021
HydroCAD® 10.00-19 s/n 02009 © 2016 HydroCAD Software Solutions LLC

Area Listing (all nodes)

Area (sq-ft)	CN	Description (subcatchment-numbers)
12,767	49	50-75% Grass cover, Fair, HSG A (DA-1)
21,653	39	>75% Grass cover, Good, HSG A (DA-2, DA-3, DA-4, DA-5, DA-6, DA-7, DA-8)
54,287	98	Paved parking, HSG A (DA-1, DA-2, DA-3, DA-4, DA-5, DA-6, DA-7, DA-8)
12,731	98	Roofs, HSG A (DA-10, DA-11, DA-9)
101,438	**79**	**TOTAL AREA**

Soil Listing (all nodes)

Area (sq-ft)	Soil Group	Subcatchment Numbers
101,438	HSG A	DA-1, DA-10, DA-11, DA-2, DA-3, DA-4, DA-5, DA-6, DA-7, DA-8, DA-9
0	HSG B	
0	HSG C	
0	HSG D	
0	Other	
101,438		**TOTAL AREA**

Ground Covers (all nodes)

HSG-A (sq-ft)	HSG-B (sq-ft)	HSG-C (sq-ft)	HSG-D (sq-ft)	Other (sq-ft)	Total (sq-ft)	Ground Cover	Sub Num
12,767	0	0	0	0	12,767	50-75% Grass cover, Fair	
21,653	0	0	0	0	21,653	>75% Grass cover, Good	
54,287	0	0	0	0	54,287	Paved parking	
12,731	0	0	0	0	12,731	Roofs	
101,438	**0**	**0**	**0**	**0**	**101,438**	**TOTAL AREA**	

Pipe Listing (all nodes)

Line#	Node Number	In-Invert (feet)	Out-Invert (feet)	Length (feet)	Slope (ft/ft)	n	Diam/Width (inches)	Height (inches)	Inside-Fill (inches)
1	1P	111.98	111.53	45.0	0.0100	0.012	18.0	0.0	0.0
2	9P	110.00	109.77	23.0	0.0100	0.010	12.0	0.0	0.0
3	11P	110.04	109.94	10.0	0.0100	0.010	12.0	0.0	0.0
4	13P	109.94	109.06	88.0	0.0100	0.010	12.0	0.0	0.0
5	15P	108.06	108.00	4.0	0.0150	0.010	24.0	0.0	0.0
6	DP-3	108.30	107.40	32.0	0.0281	0.011	12.0	0.0	0.0

Time span=0.00-30.00 hrs, dt=0.05 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA-1: DA-1 Runoff Area=33,352 sf 61.72% Impervious Runoff Depth=0.91"
Tc=6.0 min CN=79 Runoff=1.21 cfs 2,535 cf

Subcatchment DA-10: DA-10 Runoff Area=4,891 sf 100.00% Impervious Runoff Depth=2.38"
Tc=6.0 min CN=98 Runoff=0.40 cfs 970 cf

Subcatchment DA-11: DA-11 Runoff Area=3,220 sf 100.00% Impervious Runoff Depth=2.38"
Tc=6.0 min CN=98 Runoff=0.26 cfs 639 cf

Subcatchment DA-2: DA-2 Runoff Area=5,279 sf 65.56% Impervious Runoff Depth=0.86"
Tc=6.0 min CN=78 Runoff=0.18 cfs 378 cf

Subcatchment DA-3: DA-3 Runoff Area=4,042 sf 67.84% Impervious Runoff Depth=0.91"
Tc=6.0 min CN=79 Runoff=0.15 cfs 307 cf

Subcatchment DA-4: DA-4 Runoff Area=21,677 sf 48.09% Impervious Runoff Depth=0.40"
Tc=6.0 min CN=67 Runoff=0.29 cfs 728 cf

Subcatchment DA-5: DA-5 Runoff Area=4,633 sf 67.65% Impervious Runoff Depth=0.91"
Tc=6.0 min CN=79 Runoff=0.17 cfs 352 cf

Subcatchment DA-6: DA-6 Runoff Area=5,259 sf 73.44% Impervious Runoff Depth=1.08"
Tc=6.0 min CN=82 Runoff=0.23 cfs 473 cf

Subcatchment DA-7: DA-7 Runoff Area=6,429 sf 78.05% Impervious Runoff Depth=1.27"
Tc=6.0 min CN=85 Runoff=0.32 cfs 679 cf

Subcatchment DA-8: DA-8 Runoff Area=8,036 sf 62.98% Impervious Runoff Depth=0.76"
Tc=6.0 min CN=76 Runoff=0.24 cfs 510 cf

Subcatchment DA-9: DA-9 Runoff Area=4,620 sf 100.00% Impervious Runoff Depth=2.38"
Tc=6.0 min CN=98 Runoff=0.38 cfs 916 cf

Reach DP-1: DP-1 Inflow=1.21 cfs 2,535 cf
Outflow=1.21 cfs 2,535 cf

Reach DP-4: DP-4 Inflow=0.24 cfs 510 cf
Outflow=0.24 cfs 510 cf

Pond 1P: PR CB#5 Peak Elev=112.19' Inflow=0.18 cfs 378 cf
18.0" Round Culvert n=0.012 L=45.0' S=0.0100 '/' Outflow=0.18 cfs 378 cf

Pond 9P: PR CB #1 Peak Elev=110.49' Inflow=0.72 cfs 1,649 cf
12.0" Round Culvert n=0.010 L=23.0' S=0.0100 '/' Outflow=0.72 cfs 1,649 cf

Pond 10P: UGC-1 Peak Elev=108.80' Storage=399 cf Inflow=0.72 cfs 1,649 cf
Outflow=0.17 cfs 1,649 cf

Pond 11P: PR CB #2 Peak Elev=110.44' Inflow=0.49 cfs 1,112 cf
12.0" Round Culvert n=0.010 L=10.0' S=0.0100 '/' Outflow=0.49 cfs 1,112 cf

Pond 13P: PR CB #3 Peak Elev=110.40' Inflow=0.65 cfs 1,464 cf
12.0" Round Culvert n=0.010 L=88.0' S=0.0100 '/' Outflow=0.65 cfs 1,464 cf

Pond 15P: PR CB #4 Peak Elev=108.64' Inflow=1.31 cfs 3,108 cf
24.0" Round Culvert n=0.010 L=4.0' S=0.0150 '/' Outflow=1.31 cfs 3,108 cf

Pond 17P: UGC-2 Peak Elev=107.08' Storage=54 cf Inflow=1.31 cfs 3,108 cf
Outflow=1.21 cfs 3,108 cf

Pond DP-3: DP-3 Peak Elev=108.51' Inflow=0.15 cfs 307 cf
12.0" Round Culvert n=0.011 L=32.0' S=0.0281 '/' Outflow=0.15 cfs 307 cf

Total Runoff Area = 101,438 sf Runoff Volume = 8,488 cf Average Runoff Depth = 1.00"
33.93% Pervious = 34,420 sf 66.07% Impervious = 67,018 sf

Summary for Subcatchment DA-1: DA-1

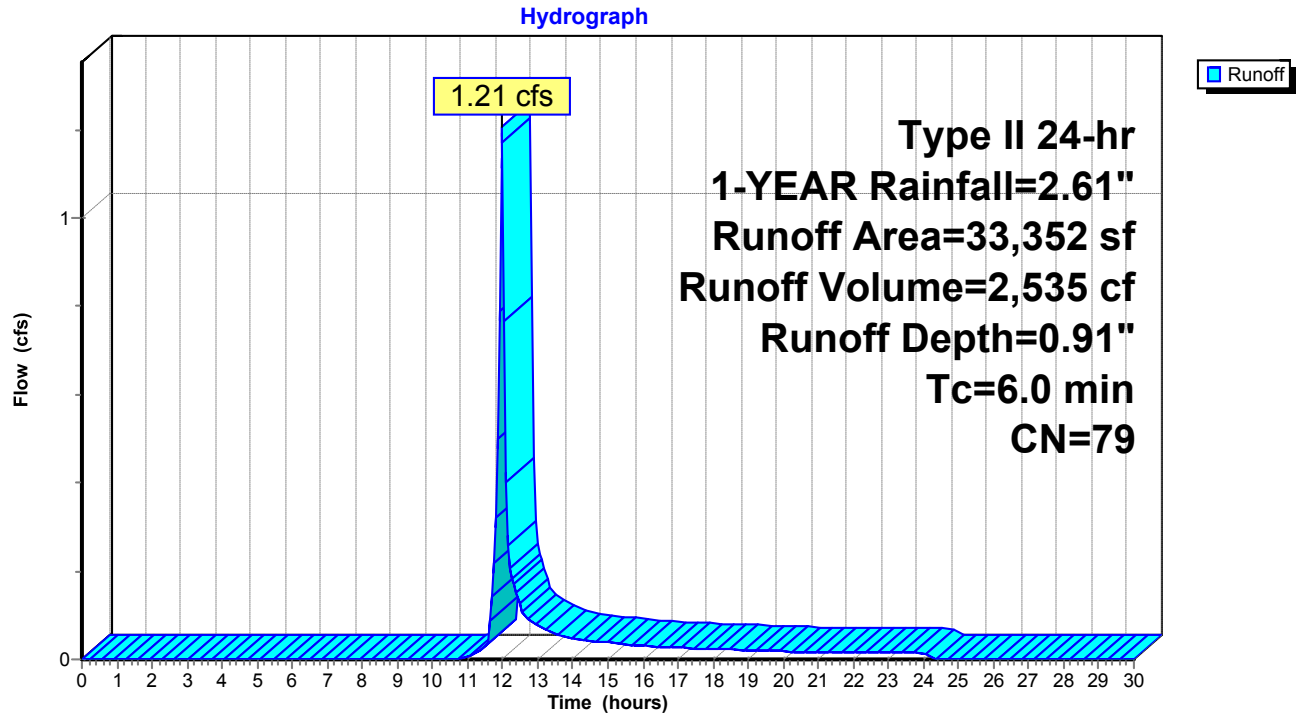
Runoff = 1.21 cfs @ 11.98 hrs, Volume= 2,535 cf, Depth= 0.91"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
12,767	49	50-75% Grass cover, Fair, HSG A
20,585	98	Paved parking, HSG A
33,352	79	Weighted Average
12,767		38.28% Pervious Area
20,585		61.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-1: DA-1



Summary for Subcatchment DA-10: DA-10

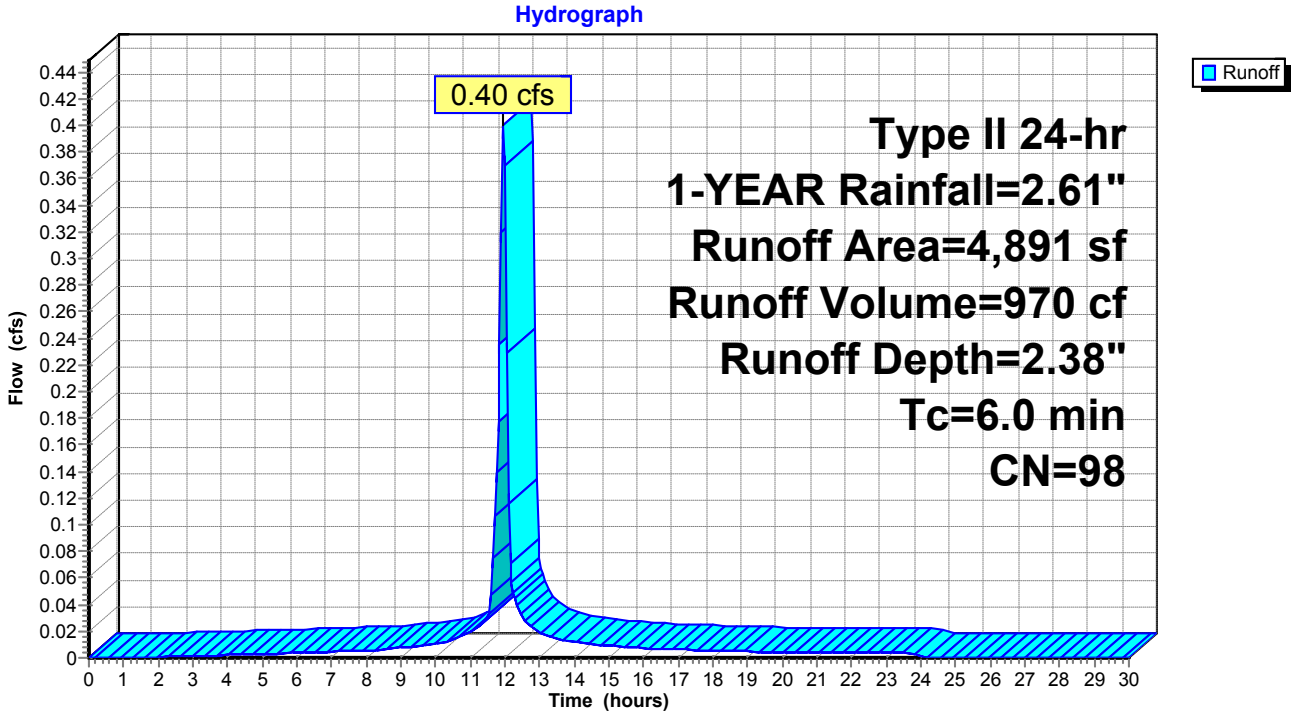
Runoff = 0.40 cfs @ 11.96 hrs, Volume= 970 cf, Depth= 2.38"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
4,891	98	Roofs, HSG A
4,891		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-10: DA-10



Summary for Subcatchment DA-11: DA-11

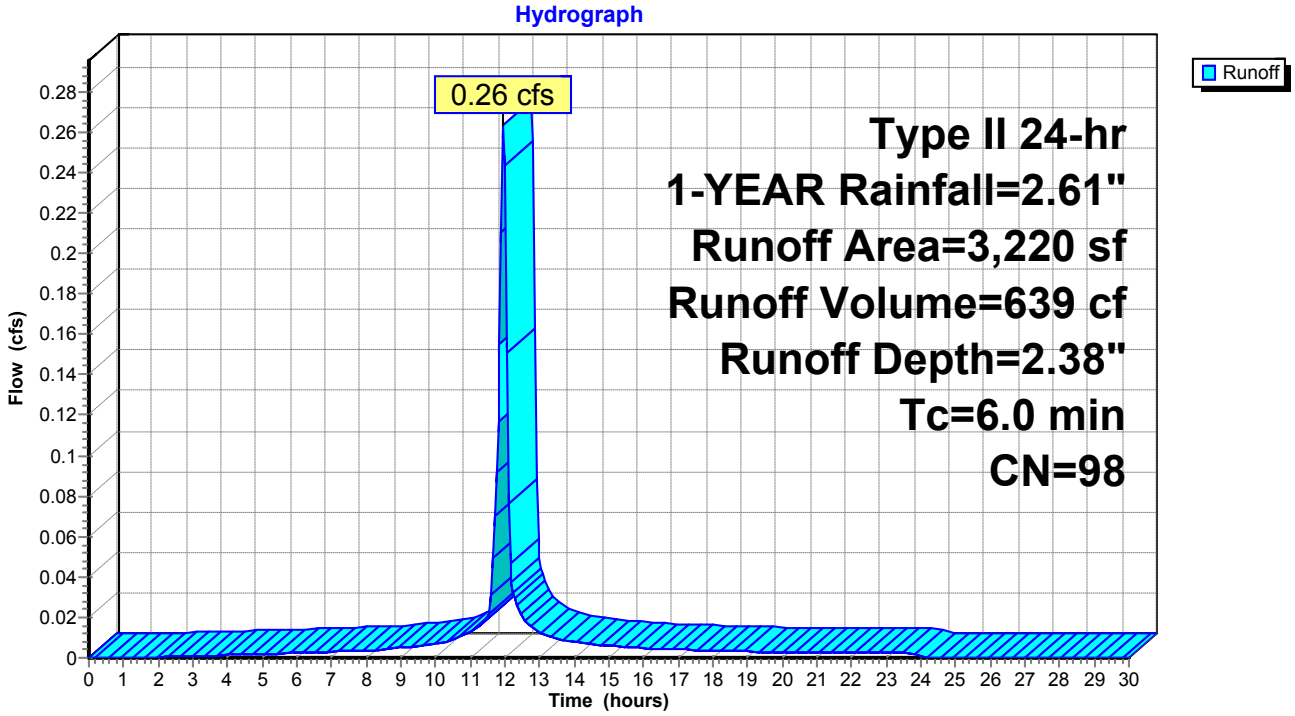
Runoff = 0.26 cfs @ 11.96 hrs, Volume= 639 cf, Depth= 2.38"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
3,220	98	Roofs, HSG A
3,220		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-11: DA-11



Summary for Subcatchment DA-2: DA-2

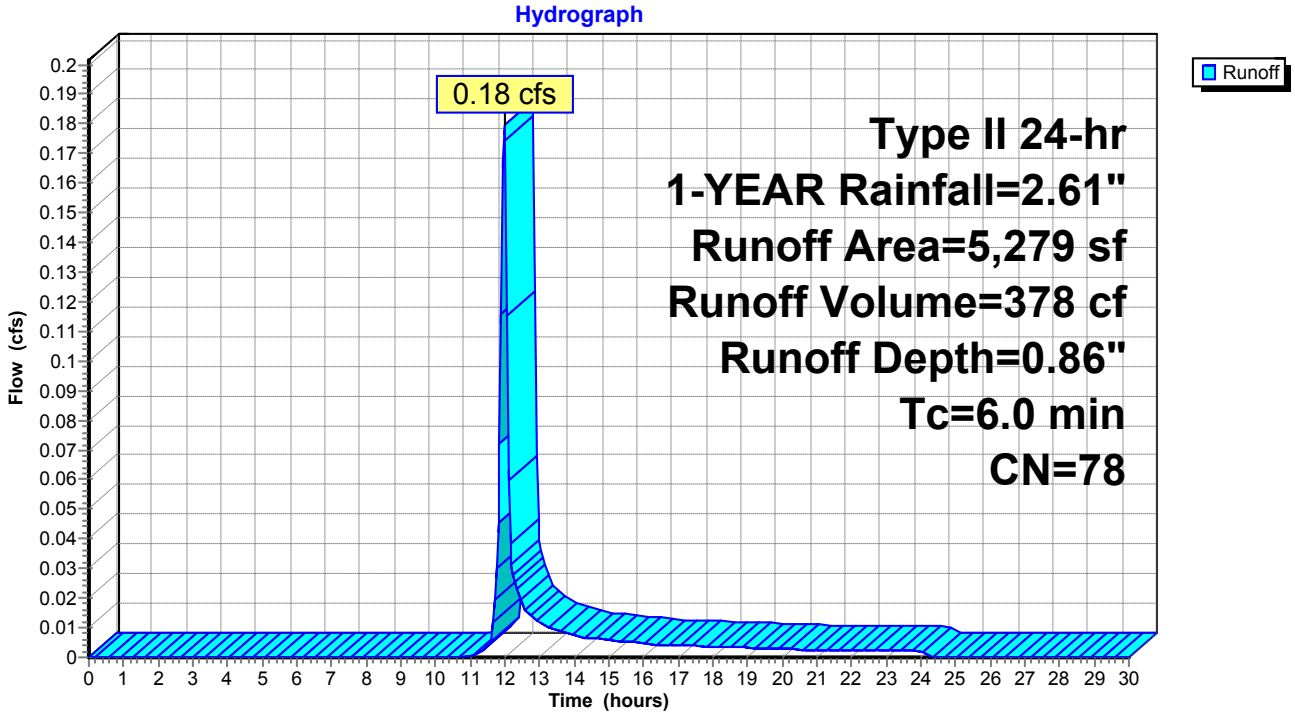
Runoff = 0.18 cfs @ 11.98 hrs, Volume= 378 cf, Depth= 0.86"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
1,818	39	>75% Grass cover, Good, HSG A
3,461	98	Paved parking, HSG A
5,279	78	Weighted Average
1,818		34.44% Pervious Area
3,461		65.56% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-2: DA-2



Summary for Subcatchment DA-3: DA-3

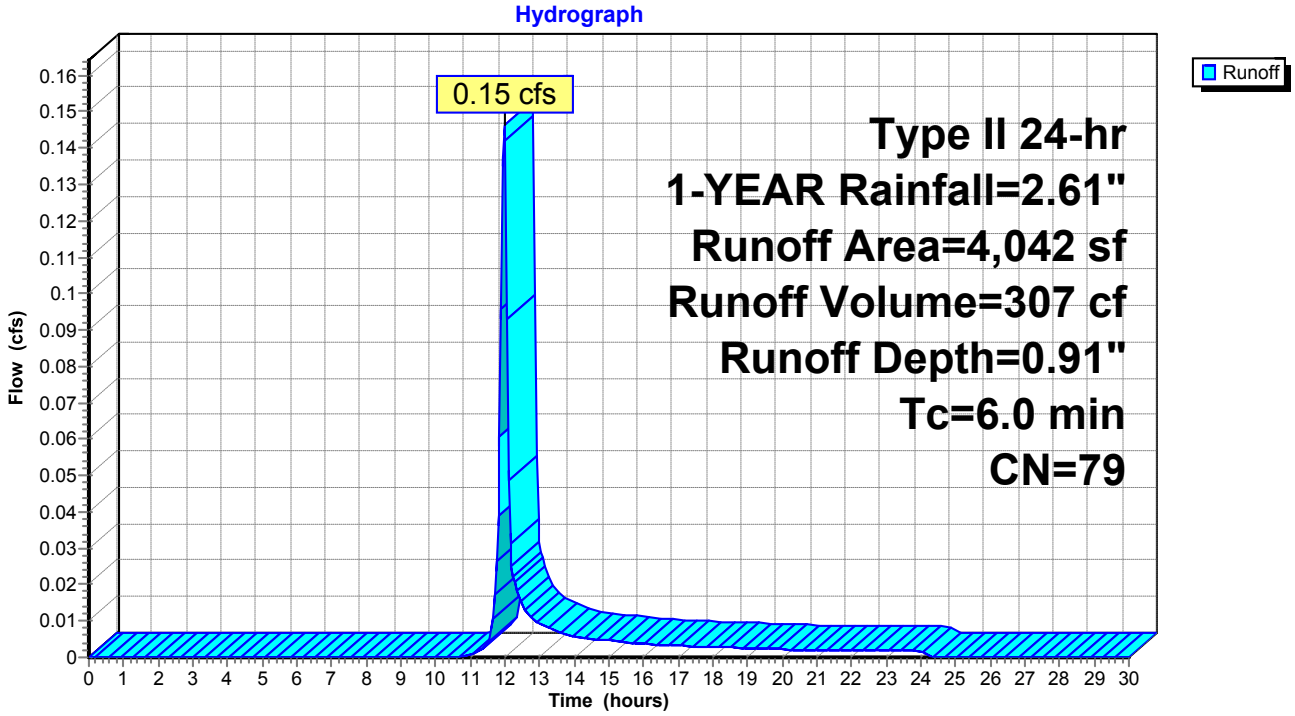
Runoff = 0.15 cfs @ 11.98 hrs, Volume= 307 cf, Depth= 0.91"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
1,300	39	>75% Grass cover, Good, HSG A
2,742	98	Paved parking, HSG A
4,042	79	Weighted Average
1,300		32.16% Pervious Area
2,742		67.84% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-3: DA-3



Summary for Subcatchment DA-4: DA-4

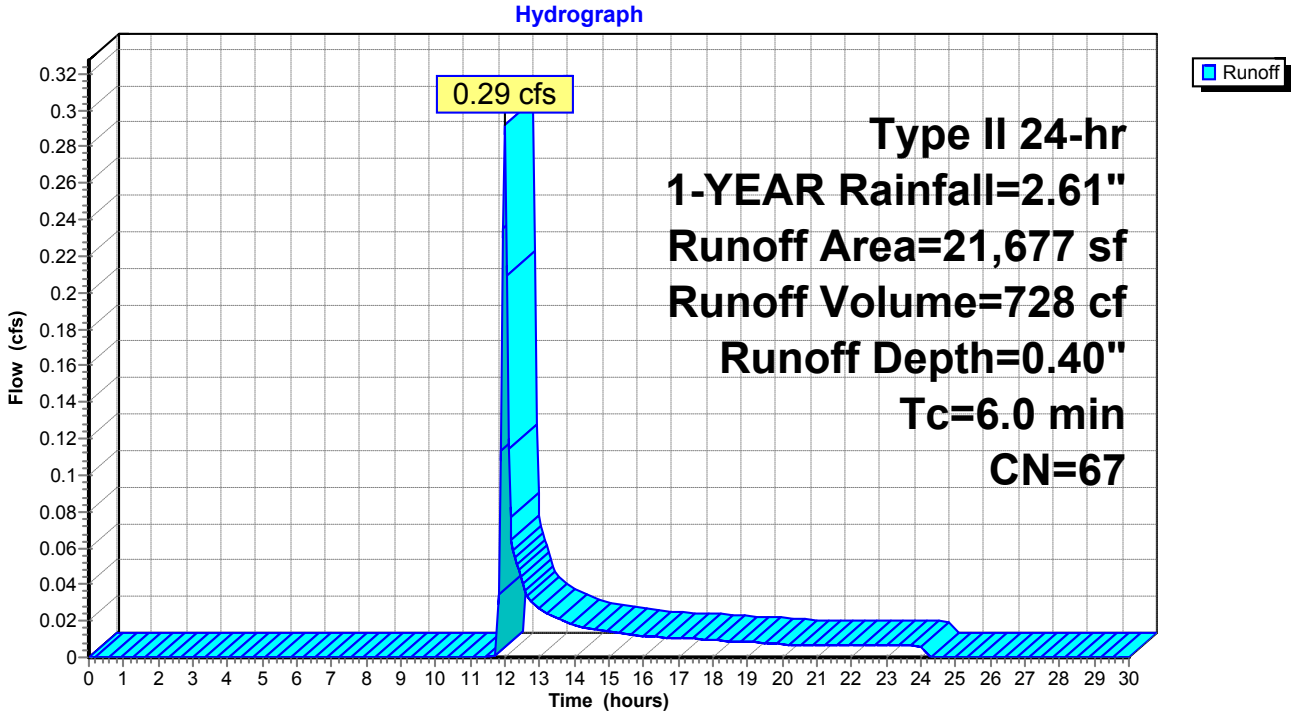
Runoff = 0.29 cfs @ 12.00 hrs, Volume= 728 cf, Depth= 0.40"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
11,253	39	>75% Grass cover, Good, HSG A
10,424	98	Paved parking, HSG A
21,677	67	Weighted Average
11,253		51.91% Pervious Area
10,424		48.09% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-4: DA-4



Summary for Subcatchment DA-5: DA-5

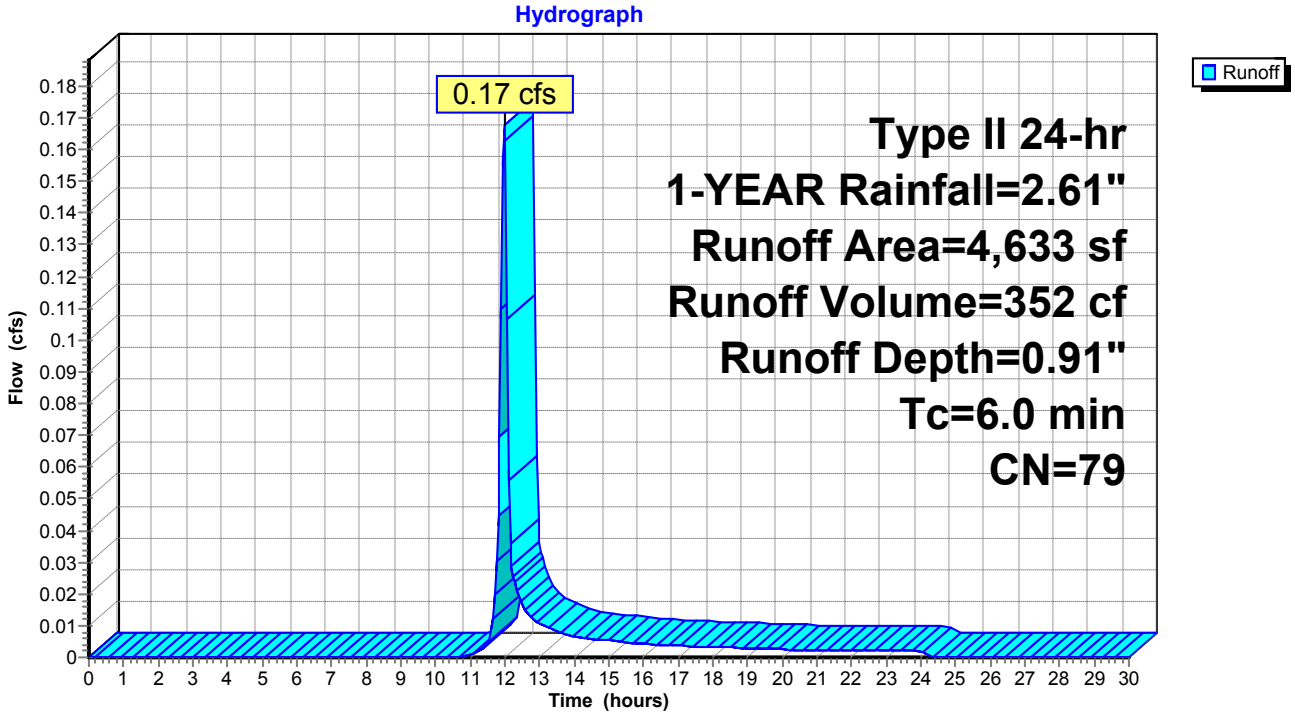
Runoff = 0.17 cfs @ 11.98 hrs, Volume= 352 cf, Depth= 0.91"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
1,499	39	>75% Grass cover, Good, HSG A
3,134	98	Paved parking, HSG A
4,633	79	Weighted Average
1,499		32.35% Pervious Area
3,134		67.65% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-5: DA-5



Summary for Subcatchment DA-6: DA-6

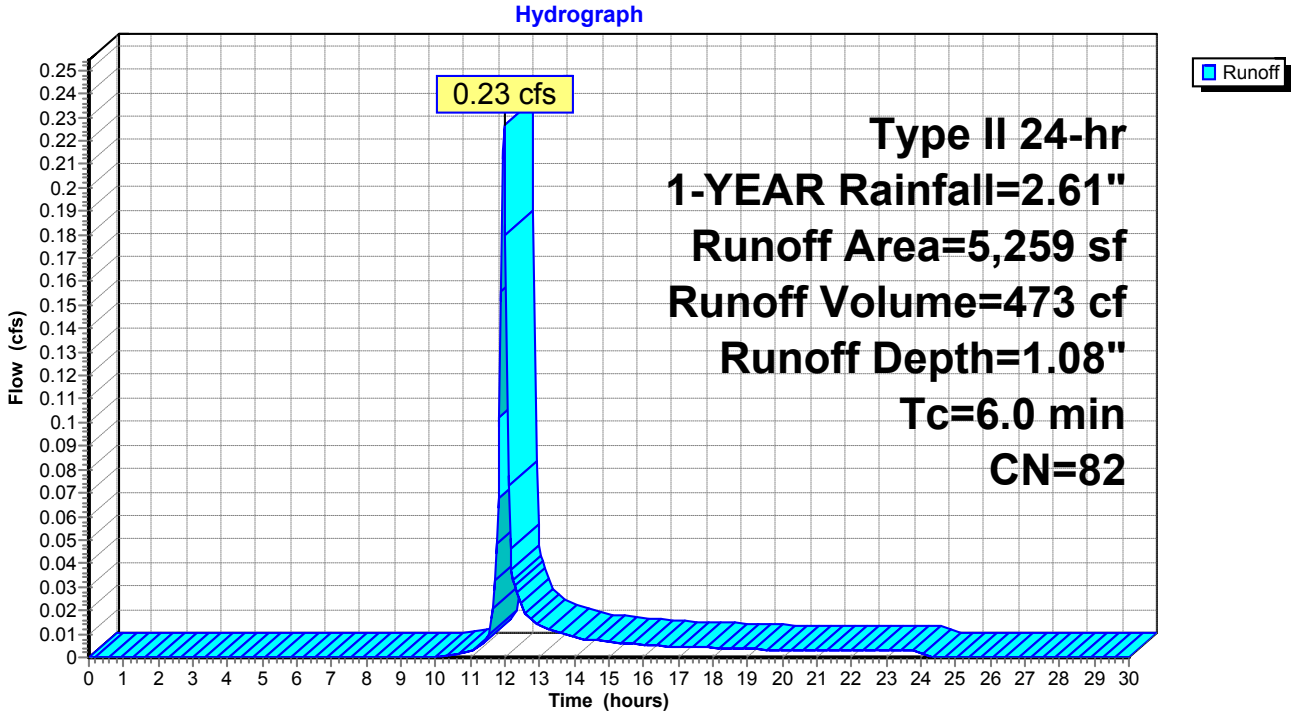
Runoff = 0.23 cfs @ 11.98 hrs, Volume= 473 cf, Depth= 1.08"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
1,397	39	>75% Grass cover, Good, HSG A
3,862	98	Paved parking, HSG A
5,259	82	Weighted Average
1,397		26.56% Pervious Area
3,862		73.44% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-6: DA-6



Summary for Subcatchment DA-7: DA-7

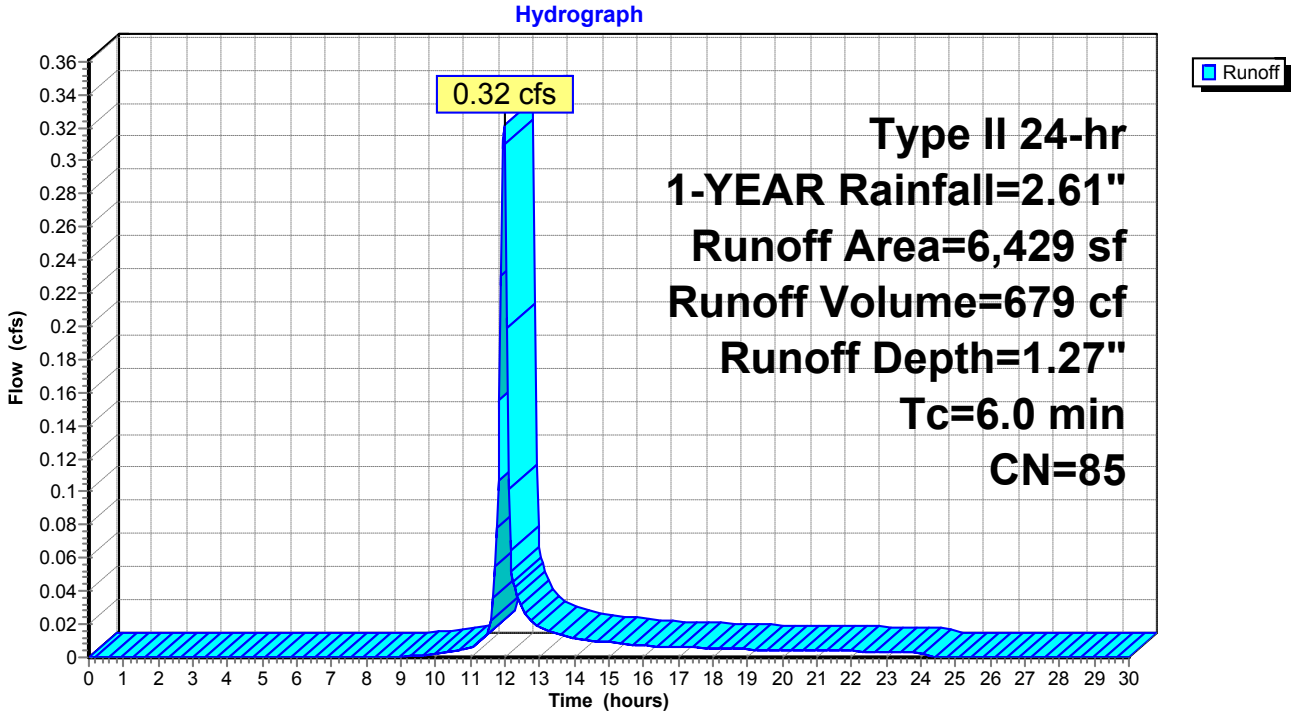
Runoff = 0.32 cfs @ 11.97 hrs, Volume= 679 cf, Depth= 1.27"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
1,411	39	>75% Grass cover, Good, HSG A
5,018	98	Paved parking, HSG A
6,429	85	Weighted Average
1,411		21.95% Pervious Area
5,018		78.05% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-7: DA-7



Summary for Subcatchment DA-8: DA-8

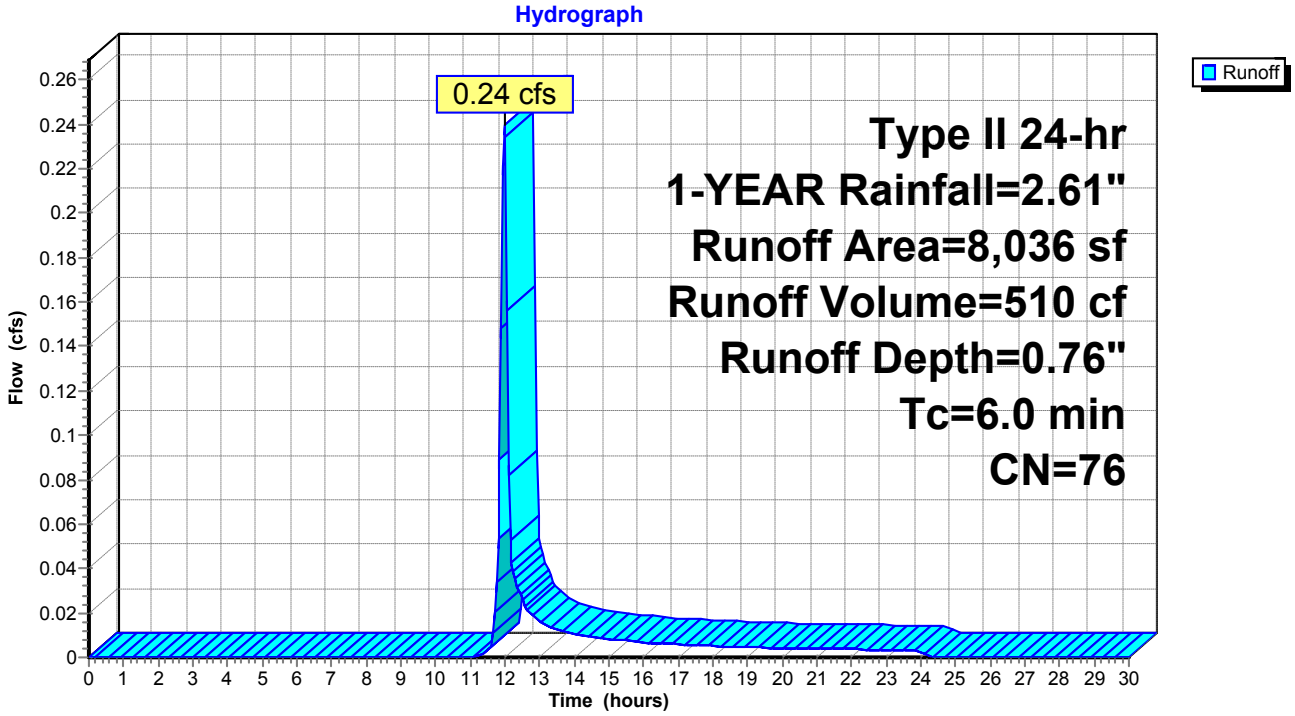
Runoff = 0.24 cfs @ 11.98 hrs, Volume= 510 cf, Depth= 0.76"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
2,975	39	>75% Grass cover, Good, HSG A
5,061	98	Paved parking, HSG A
8,036	76	Weighted Average
2,975		37.02% Pervious Area
5,061		62.98% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-8: DA-8



Summary for Subcatchment DA-9: DA-9

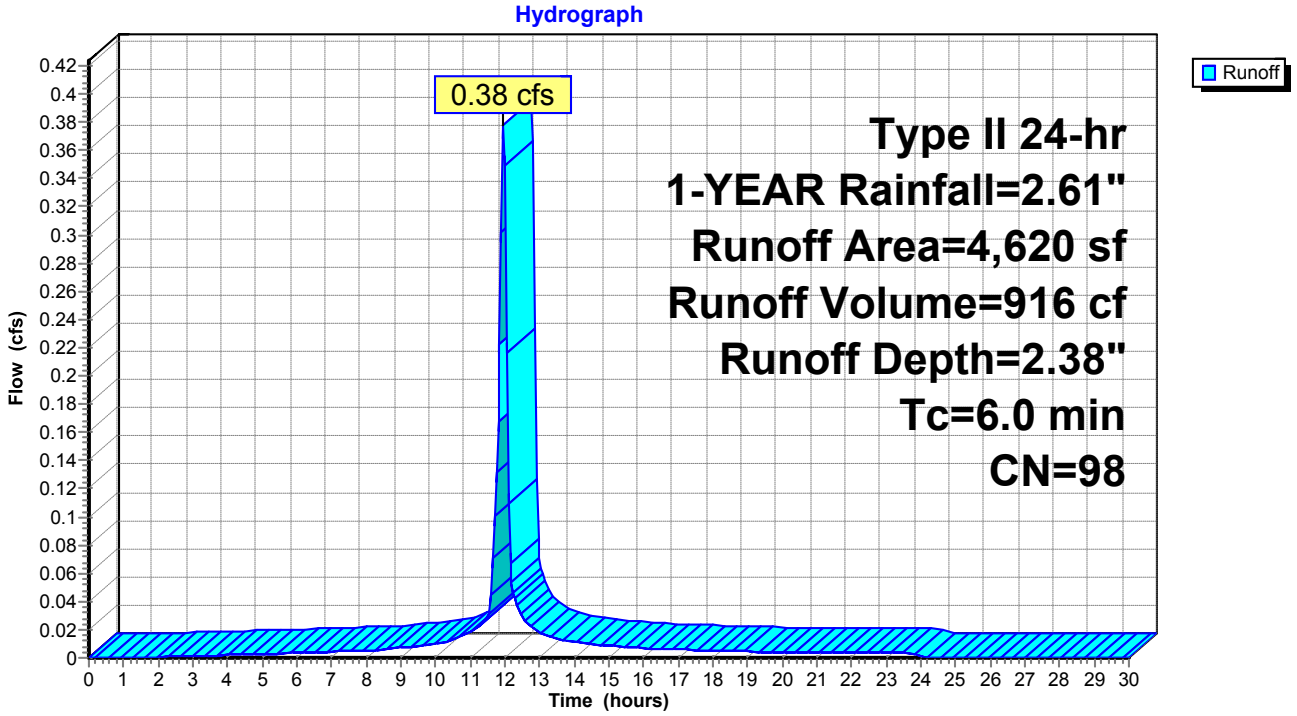
Runoff = 0.38 cfs @ 11.96 hrs, Volume= 916 cf, Depth= 2.38"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 1-YEAR Rainfall=2.61"

Area (sf)	CN	Description
4,620	98	Roofs, HSG A
4,620		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-9: DA-9

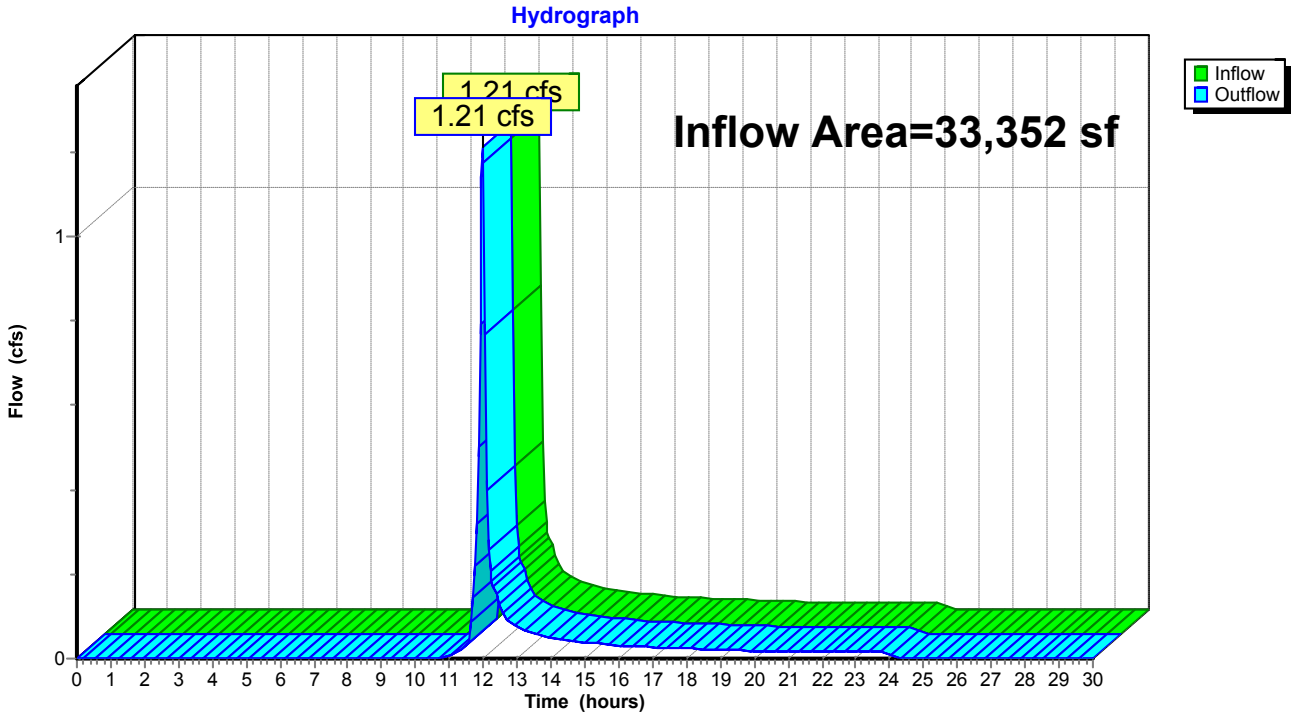


Summary for Reach DP-1: DP-1

Inflow Area = 33,352 sf, 61.72% Impervious, Inflow Depth = 0.91" for 1-YEAR event
Inflow = 1.21 cfs @ 11.98 hrs, Volume= 2,535 cf
Outflow = 1.21 cfs @ 11.98 hrs, Volume= 2,535 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs

Reach DP-1: DP-1

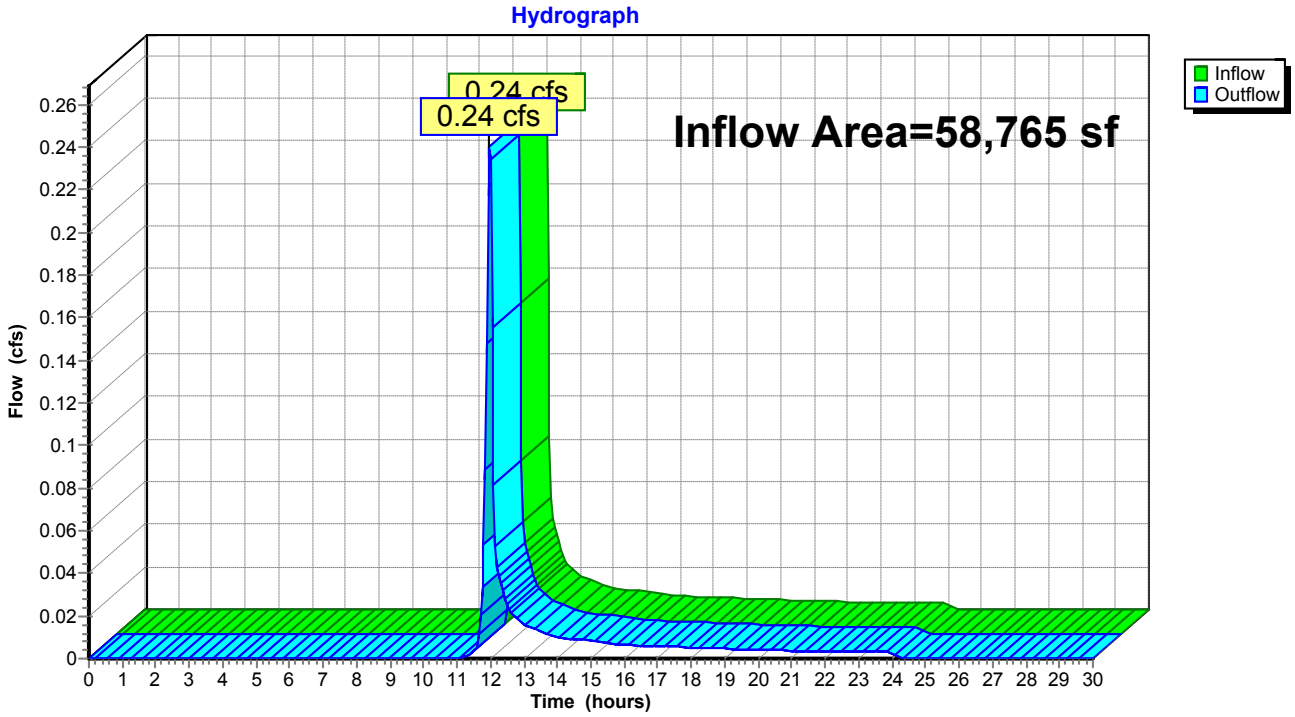


Summary for Reach DP-4: DP-4

Inflow Area = 58,765 sf, 68.46% Impervious, Inflow Depth = 0.10" for 1-YEAR event
Inflow = 0.24 cfs @ 11.98 hrs, Volume= 510 cf
Outflow = 0.24 cfs @ 11.98 hrs, Volume= 510 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs

Reach DP-4: DP-4



Summary for Pond 1P: PR CB#5

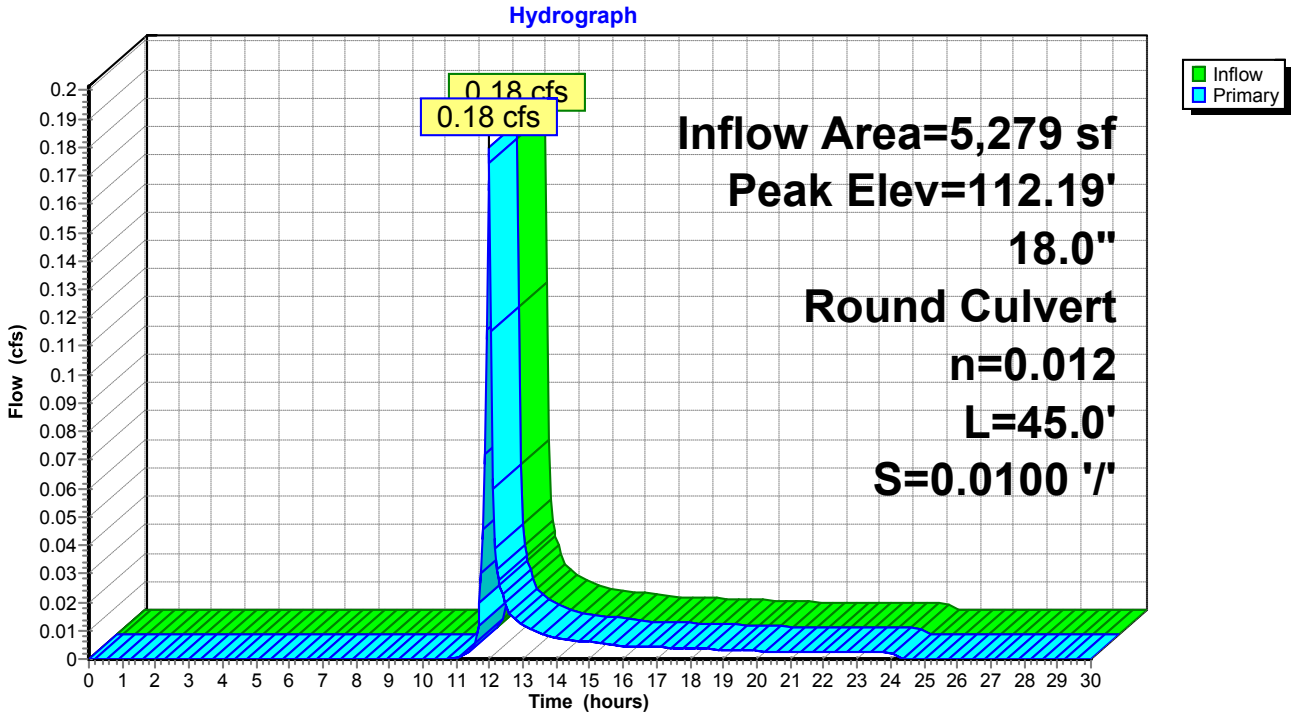
Inflow Area = 5,279 sf, 65.56% Impervious, Inflow Depth = 0.86" for 1-YEAR event
Inflow = 0.18 cfs @ 11.98 hrs, Volume= 378 cf
Outflow = 0.18 cfs @ 11.98 hrs, Volume= 378 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.18 cfs @ 11.98 hrs, Volume= 378 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 112.19' @ 11.98 hrs
Flood Elev= 114.98'

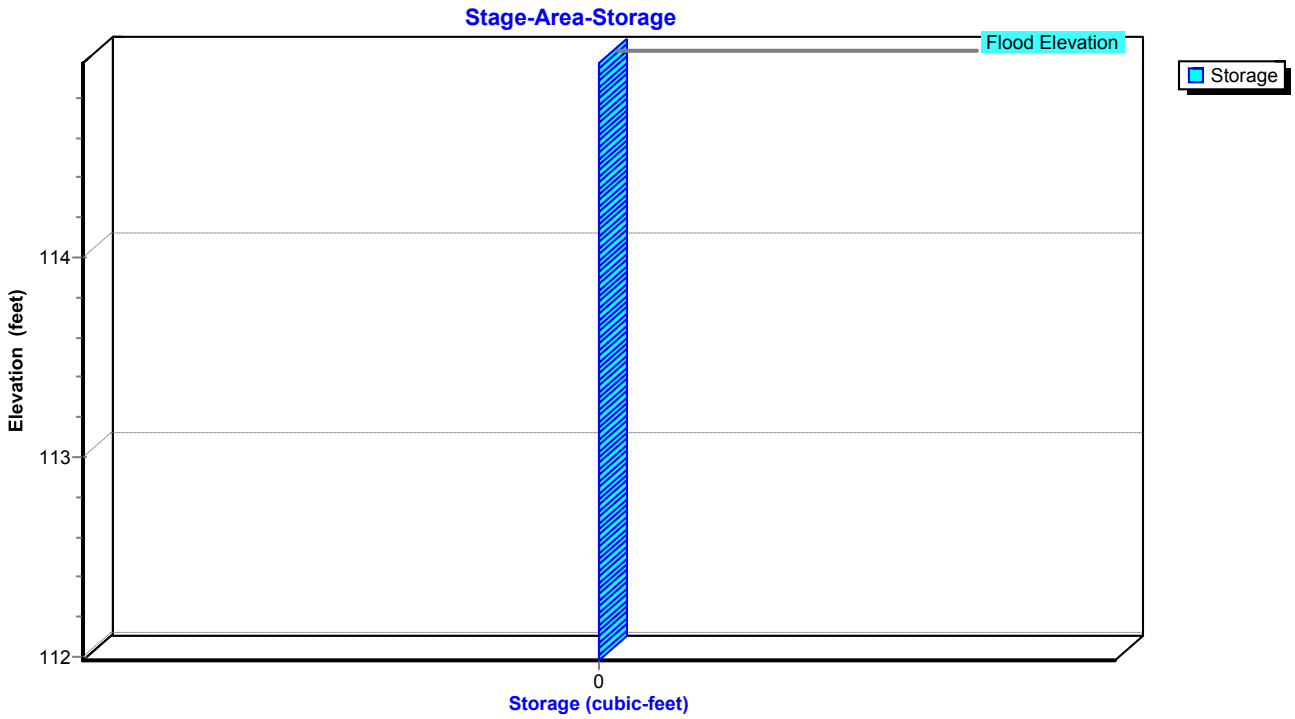
Device	Routing	Invert	Outlet Devices
#1	Primary	111.98'	**18.0" Round Culvert** L= 45.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 111.98' / 111.53' S= 0.0100 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 1.77 sf

Primary OutFlow Max=0.17 cfs @ 11.98 hrs HW=112.18' (Free Discharge)
1=Culvert (Inlet Controls 0.17 cfs @ 1.21 fps)

Pond 1P: PR CB#5



Pond 1P: PR CB#5



Stage-Area-Storage for Pond 1P: PR CB#5

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
111.98	**0**	113.04	0	114.10	0
112.00	0	113.06	0	114.12	0
112.02	0	113.08	0	114.14	0
112.04	0	113.10	0	114.16	0
112.06	0	113.12	0	114.18	0
112.08	0	113.14	0	114.20	0
112.10	0	113.16	0	114.22	0
112.12	0	113.18	0	114.24	0
112.14	0	113.20	0	114.26	0
112.16	0	113.22	0	114.28	0
112.18	0	113.24	0	114.30	0
112.20	0	113.26	0	114.32	0
112.22	0	113.28	0	114.34	0
112.24	0	113.30	0	114.36	0
112.26	0	113.32	0	114.38	0
112.28	0	113.34	0	114.40	0
112.30	0	113.36	0	114.42	0
112.32	0	113.38	0	114.44	0
112.34	0	113.40	0	114.46	0
112.36	0	113.42	0	114.48	0
112.38	0	113.44	0	114.50	0
112.40	0	113.46	0	114.52	0
112.42	0	113.48	0	114.54	0
112.44	0	113.50	0	114.56	0
112.46	0	113.52	0	114.58	0
112.48	0	113.54	0	114.60	0
112.50	0	113.56	0	114.62	0
112.52	0	113.58	0	114.64	0
112.54	0	113.60	0	114.66	0
112.56	0	113.62	0	114.68	0
112.58	0	113.64	0	114.70	0
112.60	0	113.66	0	114.72	0
112.62	0	113.68	0	114.74	0
112.64	0	113.70	0	114.76	0
112.66	0	113.72	0	114.78	0
112.68	0	113.74	0	114.80	0
112.70	0	113.76	0	114.82	0
112.72	0	113.78	0	114.84	0
112.74	0	113.80	0	114.86	0
112.76	0	113.82	0	114.88	0
112.78	0	113.84	0	114.90	0
112.80	0	113.86	0	114.92	0
112.82	0	113.88	0	114.94	0
112.84	0	113.90	0	114.96	0
112.86	0	113.92	0	114.98	0
112.88	0	113.94	0		
112.90	0	113.96	0		
112.92	0	113.98	0		
112.94	0	114.00	0		
112.96	0	114.02	0		
112.98	0	114.04	0		
113.00	0	114.06	0		
113.02	0	114.08	0		

Summary for Pond 9P: PR CB #1

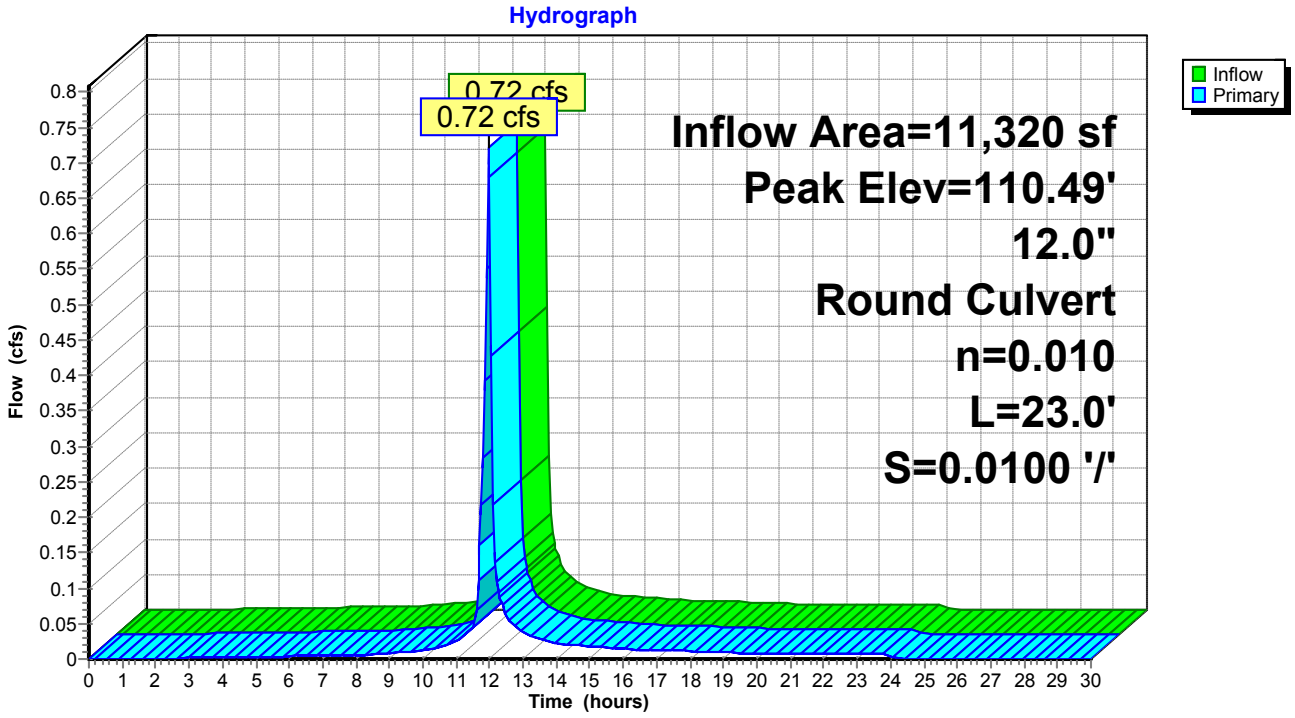
Inflow Area = 11,320 sf, 87.54% Impervious, Inflow Depth = 1.75" for 1-YEAR event
Inflow = 0.72 cfs @ 11.97 hrs, Volume= 1,649 cf
Outflow = 0.72 cfs @ 11.97 hrs, Volume= 1,649 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.72 cfs @ 11.97 hrs, Volume= 1,649 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.49' @ 11.97 hrs
Flood Elev= 113.00'

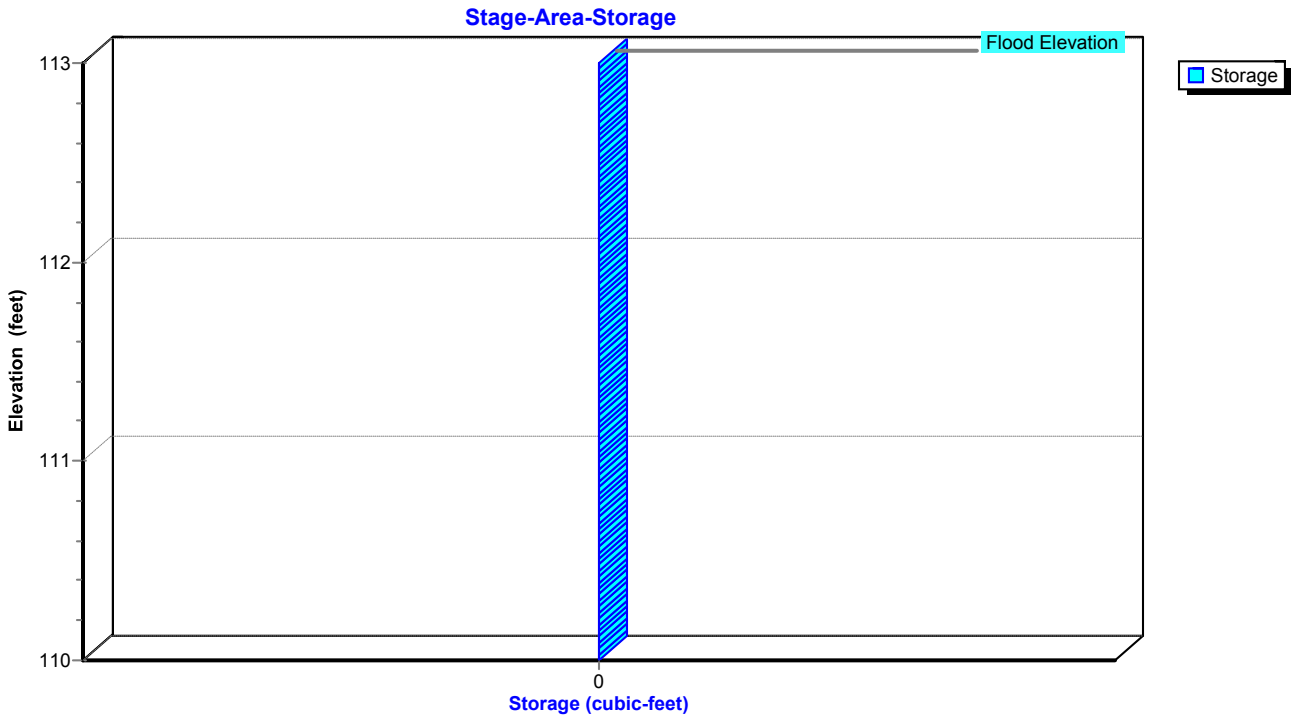
Device	Routing	Invert	Outlet Devices
#1	Primary	110.00'	**12.0" Round Culvert** L= 23.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 110.00' / 109.77' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.70 cfs @ 11.97 hrs HW=110.48' (Free Discharge)
1=Culvert (Inlet Controls 0.70 cfs @ 1.87 fps)

Pond 9P: PR CB #1



Pond 9P: PR CB #1



Stage-Area-Storage for Pond 9P: PR CB #1

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
110.00	**0**	111.06	0	112.12	0
110.02	0	111.08	0	112.14	0
110.04	0	111.10	0	112.16	0
110.06	0	111.12	0	112.18	0
110.08	0	111.14	0	112.20	0
110.10	0	111.16	0	112.22	0
110.12	0	111.18	0	112.24	0
110.14	0	111.20	0	112.26	0
110.16	0	111.22	0	112.28	0
110.18	0	111.24	0	112.30	0
110.20	0	111.26	0	112.32	0
110.22	0	111.28	0	112.34	0
110.24	0	111.30	0	112.36	0
110.26	0	111.32	0	112.38	0
110.28	0	111.34	0	112.40	0
110.30	0	111.36	0	112.42	0
110.32	0	111.38	0	112.44	0
110.34	0	111.40	0	112.46	0
110.36	0	111.42	0	112.48	0
110.38	0	111.44	0	112.50	0
110.40	0	111.46	0	112.52	0
110.42	0	111.48	0	112.54	0
110.44	0	111.50	0	112.56	0
110.46	0	111.52	0	112.58	0
110.48	0	111.54	0	112.60	0
110.50	0	111.56	0	112.62	0
110.52	0	111.58	0	112.64	0
110.54	0	111.60	0	112.66	0
110.56	0	111.62	0	112.68	0
110.58	0	111.64	0	112.70	0
110.60	0	111.66	0	112.72	0
110.62	0	111.68	0	112.74	0
110.64	0	111.70	0	112.76	0
110.66	0	111.72	0	112.78	0
110.68	0	111.74	0	112.80	0
110.70	0	111.76	0	112.82	0
110.72	0	111.78	0	112.84	0
110.74	0	111.80	0	112.86	0
110.76	0	111.82	0	112.88	0
110.78	0	111.84	0	112.90	0
110.80	0	111.86	0	112.92	0
110.82	0	111.88	0	112.94	0
110.84	0	111.90	0	112.96	0
110.86	0	111.92	0	112.98	0
110.88	0	111.94	0	113.00	0
110.90	0	111.96	0		
110.92	0	111.98	0		
110.94	0	112.00	0		
110.96	0	112.02	0		
110.98	0	112.04	0		
111.00	0	112.06	0		
111.02	0	112.08	0		
111.04	0	112.10	0		

Summary for Pond 10P: UGC-1

Inflow Area = 11,320 sf, 87.54% Impervious, Inflow Depth = 1.75" for 1-YEAR event
Inflow = 0.72 cfs @ 11.97 hrs, Volume= 1,649 cf
Outflow = 0.17 cfs @ 11.75 hrs, Volume= 1,649 cf, Atten= 77%, Lag= 0.0 min
Discarded = 0.17 cfs @ 11.75 hrs, Volume= 1,649 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 108.80' @ 12.13 hrs Surf.Area= 1,178 sf Storage= 399 cf

Plug-Flow detention time= 12.2 min calculated for 1,649 cf (100% of inflow)
Center-of-Mass det. time= 12.2 min (800.3 - 788.1)

Volume	Invert	Avail.Storage	Storage Description
#1A	108.00'	1,452 cf	**15.75'W x 74.82'L x 4.25'H Field A** 5,008 cf Overall - 1,378 cf Embedded = 3,630 cf x 40.0% Voids
#2A	108.75'	1,378 cf	**ADS_StormTech SC-740 +Cap** x 30 Inside #1 Effective Size= 44.6"W x 30.0"H => 6.45 sf x 7.12'L = 45.9 cf Overall Size= 51.0"W x 30.0"H x 7.56'L with 0.44' Overlap 3 Rows of 10 Chambers
		2,830 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	108.00'	**6.200 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.17 cfs @ 11.75 hrs HW=108.05' (Free Discharge)
↑**1=Exfiltration** (Exfiltration Controls 0.17 cfs)

Pond 10P: UGC-1 - Chamber Wizard Field A

Chamber Model = ADS_StormTech SC-740 +Cap (ADS StormTech® SC-740 with cap length)
Effective Size= 44.6"W x 30.0"H => 6.45 sf x 7.12'L = 45.9 cf
Overall Size= 51.0"W x 30.0"H x 7.56'L with 0.44' Overlap

51.0" Wide + 6.0" Spacing = 57.0" C-C Row Spacing

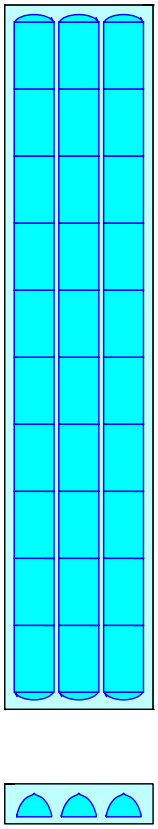
10 Chambers/Row x 7.12' Long +0.81' Cap Length x 2 = 72.82' Row Length +12.0" End Stone x 2 = 74.82' Base Length
3 Rows x 51.0" Wide + 6.0" Spacing x 2 + 12.0" Side Stone x 2 = 15.75' Base Width
9.0" Base + 30.0" Chamber Height + 12.0" Cover = 4.25' Field Height

30 Chambers x 45.9 cf = 1,378.2 cf Chamber Storage

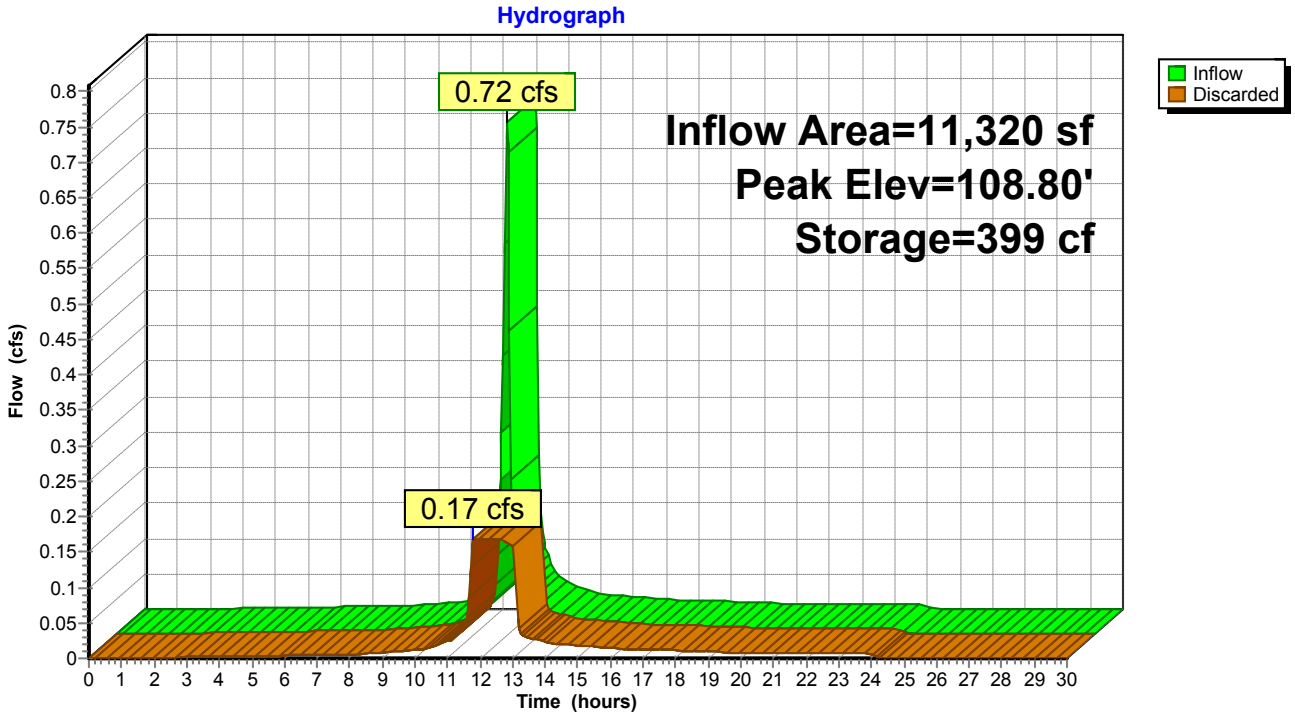
5,008.0 cf Field - 1,378.2 cf Chambers = 3,629.8 cf Stone x 40.0% Voids = 1,451.9 cf Stone Storage

Chamber Storage + Stone Storage = 2,830.1 cf = 0.065 af
Overall Storage Efficiency = 56.5%
Overall System Size = 74.82' x 15.75' x 4.25'

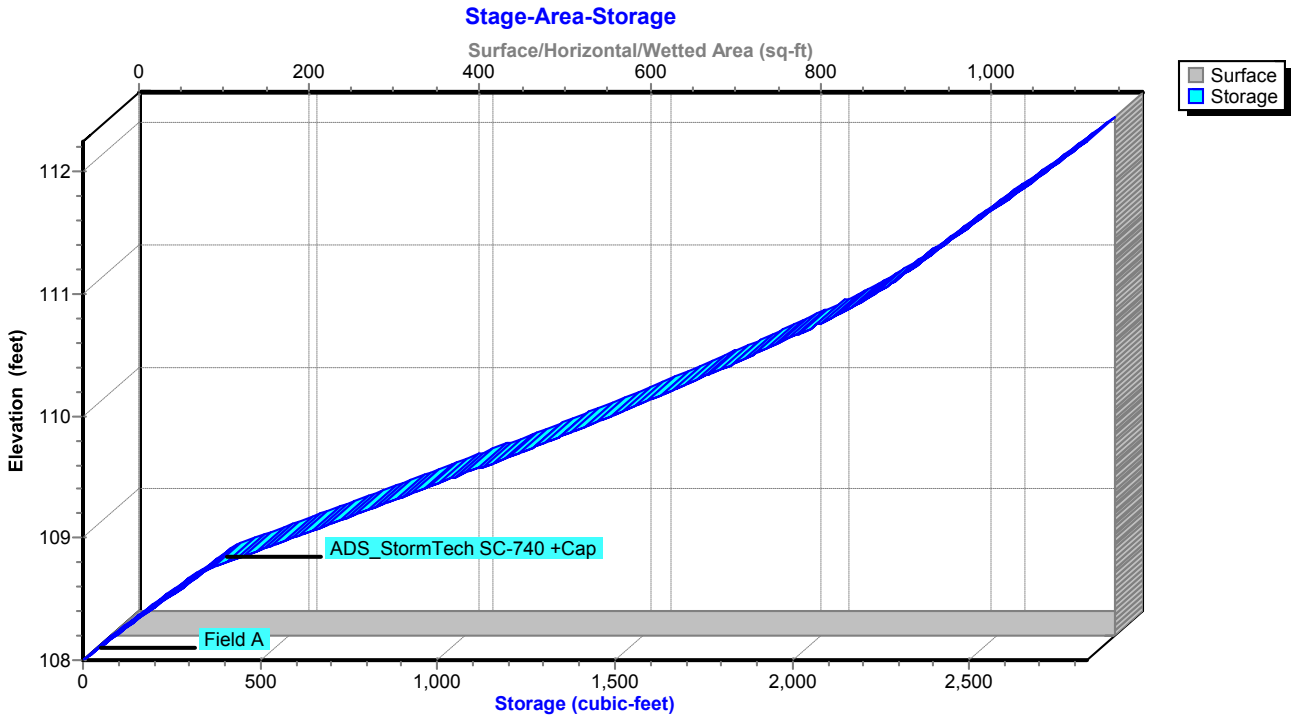
30 Chambers
185.5 cy Field
134.4 cy Stone



Pond 10P: UGC-1



Pond 10P: UGC-1



Stage-Area-Storage for Pond 10P: UGC-1

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
108.00	**1,178**	0
108.05	1,178	24
108.10	1,178	47
108.15	1,178	71
108.20	1,178	94
108.25	1,178	118
108.30	1,178	141
108.35	1,178	165
108.40	1,178	189
108.45	1,178	212
108.50	1,178	236
108.55	1,178	259
108.60	1,178	283
108.65	1,178	306
108.70	1,178	330
108.75	1,178	354
108.80	1,178	401
108.85	1,178	448
108.90	1,178	496
108.95	1,178	543
109.00	1,178	590
109.05	1,178	637
109.10	1,178	683
109.15	1,178	730
109.20	1,178	776
109.25	1,178	823
109.30	1,178	869
109.35	1,178	915
109.40	1,178	960
109.45	1,178	1,006
109.50	1,178	1,051
109.55	1,178	1,096
109.60	1,178	1,140
109.65	1,178	1,185
109.70	1,178	1,229
109.75	1,178	1,273
109.80	1,178	1,317
109.85	1,178	1,360
109.90	1,178	1,403
109.95	1,178	1,446
110.00	1,178	1,488
110.05	1,178	1,530
110.10	1,178	1,572
110.15	1,178	1,613
110.20	1,178	1,654
110.25	1,178	1,695
110.30	1,178	1,735
110.35	1,178	1,774
110.40	1,178	1,814
110.45	1,178	1,852
110.50	1,178	1,890
110.55	1,178	1,928
110.60	1,178	1,965
110.65	1,178	2,001
110.70	1,178	2,037
110.75	1,178	2,071
110.80	1,178	2,105
110.85	1,178	2,139
110.90	1,178	2,171
110.95	1,178	2,202
111.00	1,178	2,231
111.05	1,178	2,259
111.10	1,178	2,285
111.15	1,178	2,310
111.20	1,178	2,335
111.25	1,178	2,359
111.30	1,178	2,382
111.35	1,178	2,406
111.40	1,178	2,429
111.45	1,178	2,453
111.50	1,178	2,477
111.55	1,178	2,500
111.60	1,178	2,524
111.65	1,178	2,547
111.70	1,178	2,571
111.75	1,178	2,594
111.80	1,178	2,618
111.85	1,178	2,642
111.90	1,178	2,665
111.95	1,178	2,689
112.00	1,178	2,712
112.05	1,178	2,736
112.10	1,178	2,759
112.15	1,178	2,783
112.20	1,178	2,807
112.25	1,178	**2,830**

Summary for Pond 11P: PR CB #2

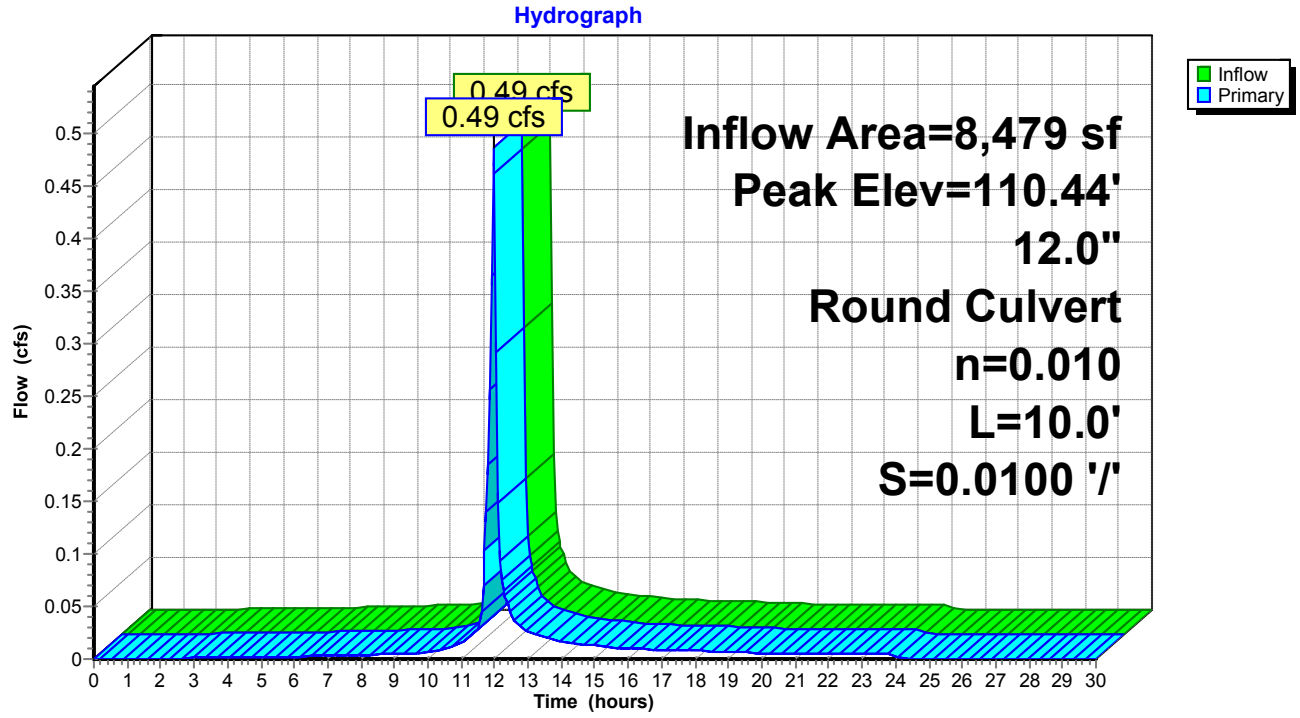
Inflow Area = 8,479 sf, 83.52% Impervious, Inflow Depth = 1.57" for 1-YEAR event
Inflow = 0.49 cfs @ 11.97 hrs, Volume= 1,112 cf
Outflow = 0.49 cfs @ 11.97 hrs, Volume= 1,112 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.49 cfs @ 11.97 hrs, Volume= 1,112 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.44' @ 11.97 hrs
Flood Elev= 113.14'

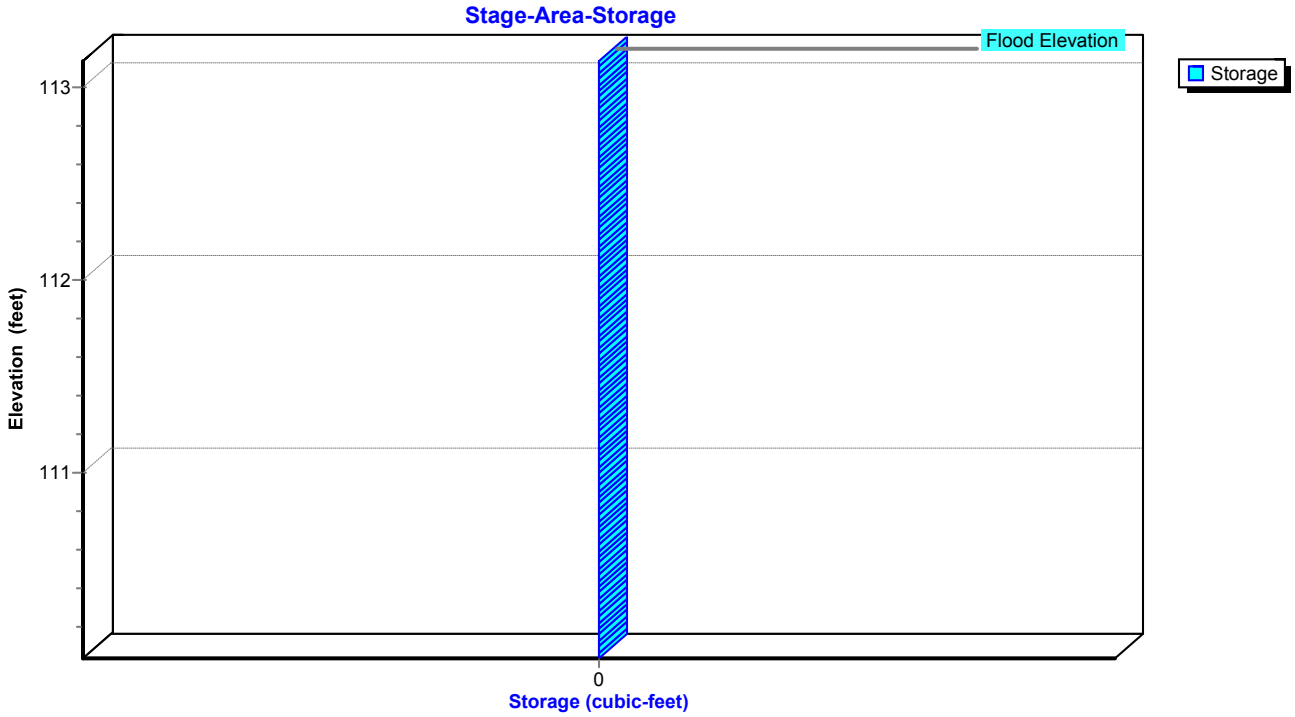
Device	Routing	Invert	Outlet Devices
#1	Primary	110.04'	**12.0" Round Culvert** L= 10.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 110.04' / 109.94' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.47 cfs @ 11.97 hrs HW=110.44' (Free Discharge)
1=Culvert (Barrel Controls 0.47 cfs @ 2.41 fps)

Pond 11P: PR CB #2



Pond 11P: PR CB #2



Stage-Area-Storage for Pond 11P: PR CB #2

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
110.04	**0**	111.10	0	112.16	0
110.06	0	111.12	0	112.18	0
110.08	0	111.14	0	112.20	0
110.10	0	111.16	0	112.22	0
110.12	0	111.18	0	112.24	0
110.14	0	111.20	0	112.26	0
110.16	0	111.22	0	112.28	0
110.18	0	111.24	0	112.30	0
110.20	0	111.26	0	112.32	0
110.22	0	111.28	0	112.34	0
110.24	0	111.30	0	112.36	0
110.26	0	111.32	0	112.38	0
110.28	0	111.34	0	112.40	0
110.30	0	111.36	0	112.42	0
110.32	0	111.38	0	112.44	0
110.34	0	111.40	0	112.46	0
110.36	0	111.42	0	112.48	0
110.38	0	111.44	0	112.50	0
110.40	0	111.46	0	112.52	0
110.42	0	111.48	0	112.54	0
110.44	0	111.50	0	112.56	0
110.46	0	111.52	0	112.58	0
110.48	0	111.54	0	112.60	0
110.50	0	111.56	0	112.62	0
110.52	0	111.58	0	112.64	0
110.54	0	111.60	0	112.66	0
110.56	0	111.62	0	112.68	0
110.58	0	111.64	0	112.70	0
110.60	0	111.66	0	112.72	0
110.62	0	111.68	0	112.74	0
110.64	0	111.70	0	112.76	0
110.66	0	111.72	0	112.78	0
110.68	0	111.74	0	112.80	0
110.70	0	111.76	0	112.82	0
110.72	0	111.78	0	112.84	0
110.74	0	111.80	0	112.86	0
110.76	0	111.82	0	112.88	0
110.78	0	111.84	0	112.90	0
110.80	0	111.86	0	112.92	0
110.82	0	111.88	0	112.94	0
110.84	0	111.90	0	112.96	0
110.86	0	111.92	0	112.98	0
110.88	0	111.94	0	113.00	0
110.90	0	111.96	0	113.02	0
110.92	0	111.98	0	113.04	0
110.94	0	112.00	0	113.06	0
110.96	0	112.02	0	113.08	0
110.98	0	112.04	0	113.10	0
111.00	0	112.06	0	113.12	0
111.02	0	112.08	0	113.14	0
111.04	0	112.10	0		
111.06	0	112.12	0		
111.08	0	112.14	0		

Summary for Pond 13P: PR CB #3

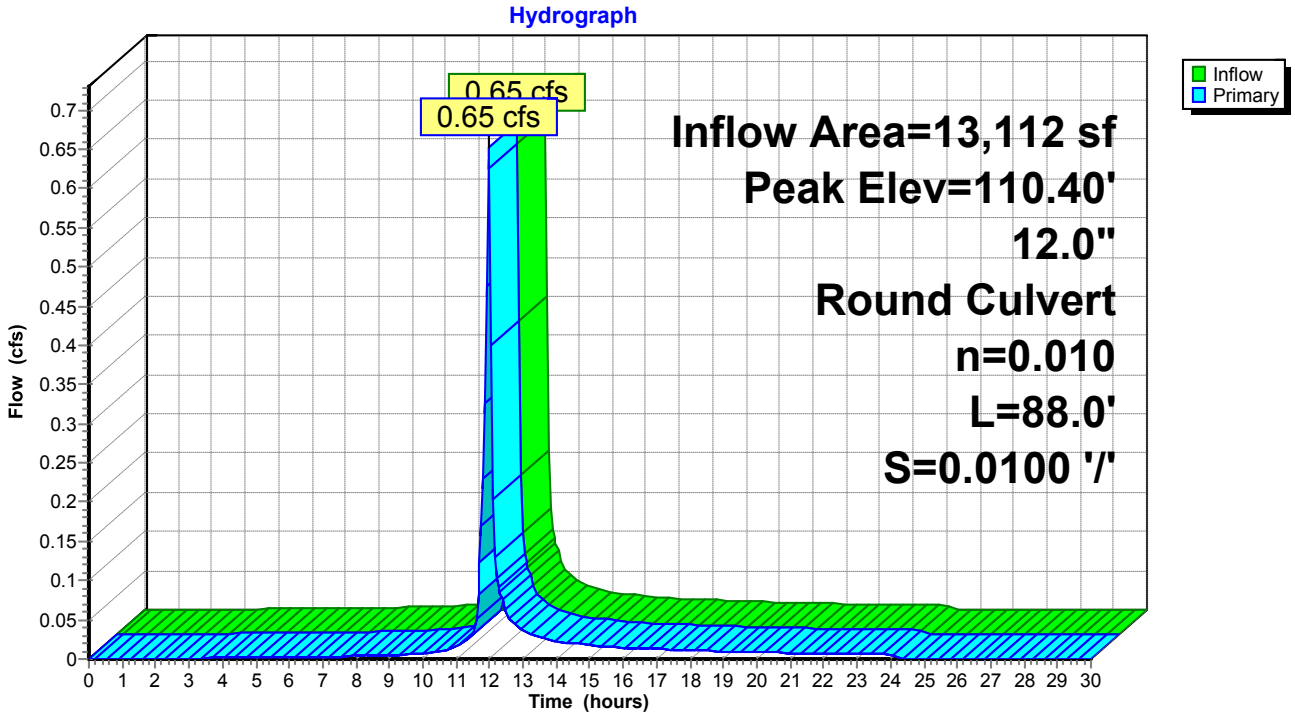
Inflow Area = 13,112 sf, 77.91% Impervious, Inflow Depth = 1.34" for 1-YEAR event
Inflow = 0.65 cfs @ 11.97 hrs, Volume= 1,464 cf
Outflow = 0.65 cfs @ 11.97 hrs, Volume= 1,464 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.65 cfs @ 11.97 hrs, Volume= 1,464 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.40' @ 11.97 hrs
Flood Elev= 113.14'

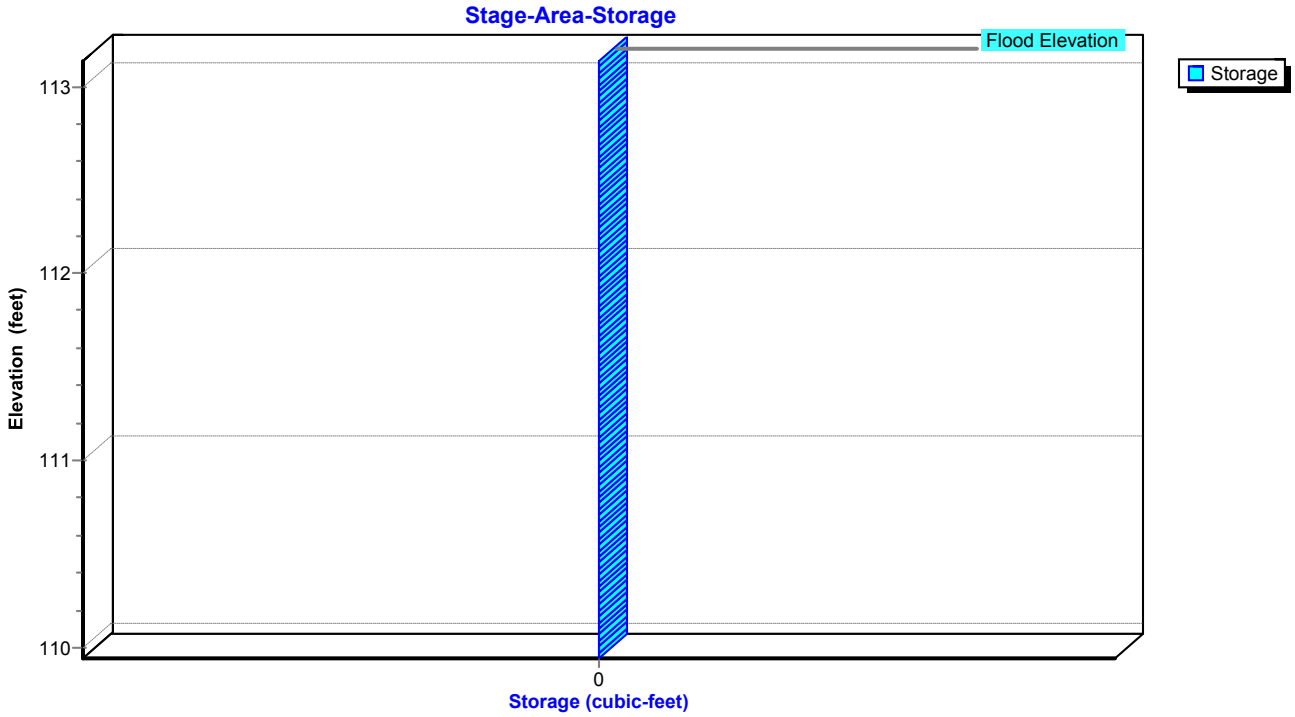
Device	Routing	Invert	Outlet Devices
#1	Primary	109.94'	**12.0" Round Culvert** L= 88.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 109.94' / 109.06' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.63 cfs @ 11.97 hrs HW=110.40' (Free Discharge)
1=Culvert (Inlet Controls 0.63 cfs @ 1.81 fps)

Pond 13P: PR CB #3



Pond 13P: PR CB #3



Stage-Area-Storage for Pond 13P: PR CB #3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
109.94	**0**	112.59	0
109.99	0	112.64	0
110.04	0	112.69	0
110.09	0	112.74	0
110.14	0	112.79	0
110.19	0	112.84	0
110.24	0	112.89	0
110.29	0	112.94	0
110.34	0	112.99	0
110.39	0	113.04	0
110.44	0	113.09	0
110.49	0	113.14	0
110.54	0		
110.59	0		
110.64	0		
110.69	0		
110.74	0		
110.79	0		
110.84	0		
110.89	0		
110.94	0		
110.99	0		
111.04	0		
111.09	0		
111.14	0		
111.19	0		
111.24	0		
111.29	0		
111.34	0		
111.39	0		
111.44	0		
111.49	0		
111.54	0		
111.59	0		
111.64	0		
111.69	0		
111.74	0		
111.79	0		
111.84	0		
111.89	0		
111.94	0		
111.99	0		
112.04	0		
112.09	0		
112.14	0		
112.19	0		
112.24	0		
112.29	0		
112.34	0		
112.39	0		
112.44	0		
112.49	0		
112.54	0		

Summary for Pond 15P: PR CB #4

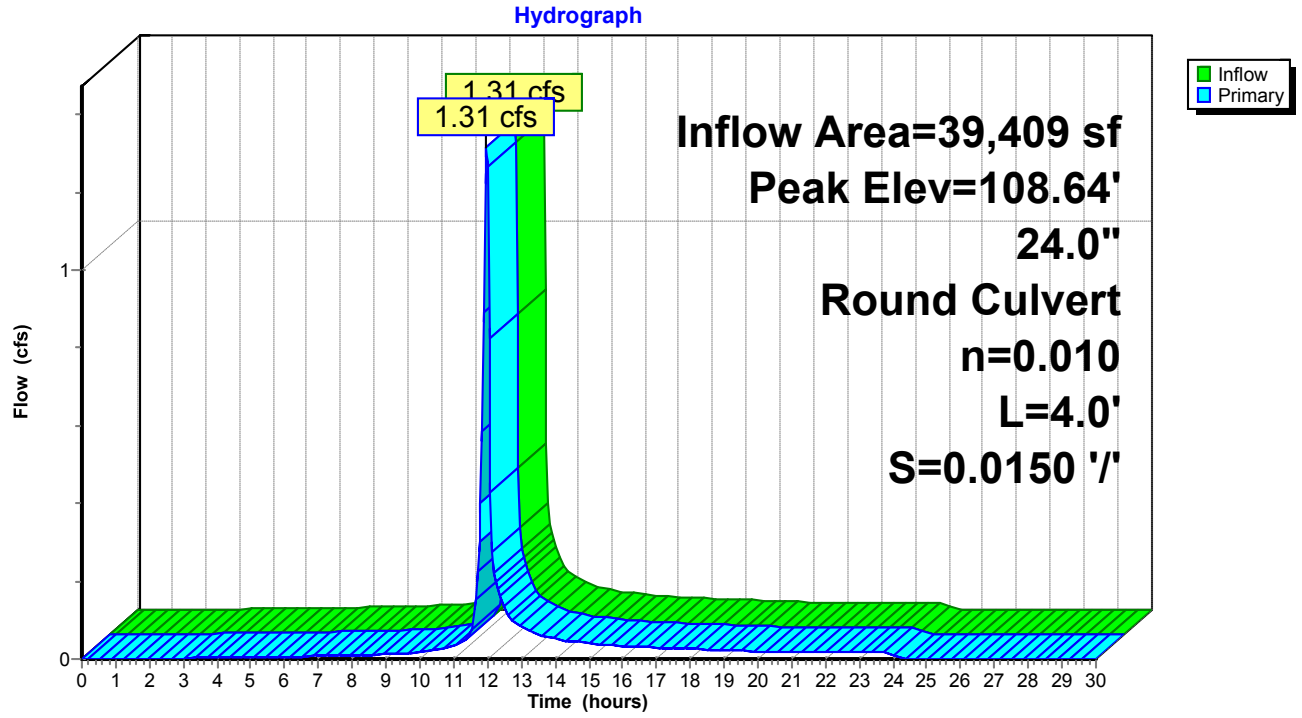
Inflow Area = 39,409 sf, 64.10% Impervious, Inflow Depth = 0.95" for 1-YEAR event
Inflow = 1.31 cfs @ 11.98 hrs, Volume= 3,108 cf
Outflow = 1.31 cfs @ 11.98 hrs, Volume= 3,108 cf, Atten= 0%, Lag= 0.0 min
Primary = 1.31 cfs @ 11.98 hrs, Volume= 3,108 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 108.64' @ 11.98 hrs
Flood Elev= 113.22'

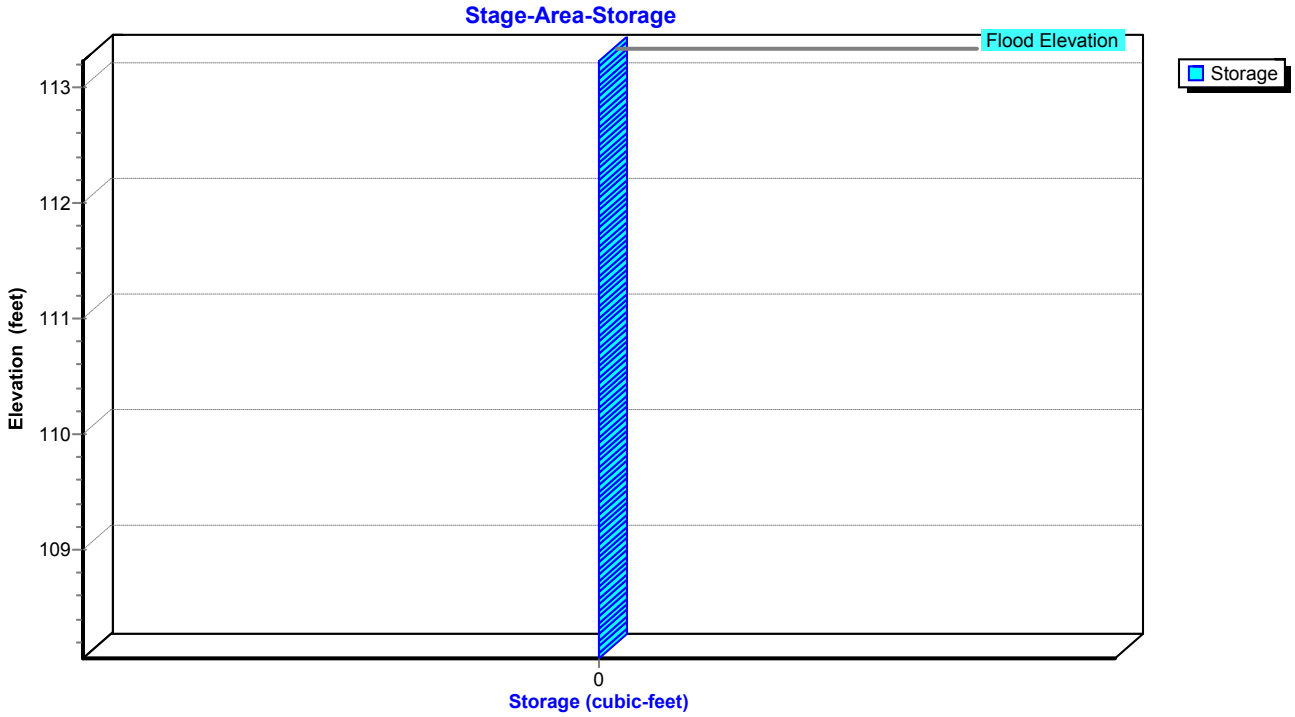
Device	Routing	Invert	Outlet Devices
#1	Primary	108.06'	**24.0" Round Culvert** L= 4.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.06' / 108.00' S= 0.0150 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 3.14 sf

Primary OutFlow Max=1.26 cfs @ 11.98 hrs HW=108.63' (Free Discharge)
1=Culvert (Barrel Controls 1.26 cfs @ 2.57 fps)

Pond 15P: PR CB #4



Pond 15P: PR CB #4



Stage-Area-Storage for Pond 15P: PR CB #4

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.06	**0**	110.18	0	112.30	0
108.10	0	110.22	0	112.34	0
108.14	0	110.26	0	112.38	0
108.18	0	110.30	0	112.42	0
108.22	0	110.34	0	112.46	0
108.26	0	110.38	0	112.50	0
108.30	0	110.42	0	112.54	0
108.34	0	110.46	0	112.58	0
108.38	0	110.50	0	112.62	0
108.42	0	110.54	0	112.66	0
108.46	0	110.58	0	112.70	0
108.50	0	110.62	0	112.74	0
108.54	0	110.66	0	112.78	0
108.58	0	110.70	0	112.82	0
108.62	0	110.74	0	112.86	0
108.66	0	110.78	0	112.90	0
108.70	0	110.82	0	112.94	0
108.74	0	110.86	0	112.98	0
108.78	0	110.90	0	113.02	0
108.82	0	110.94	0	113.06	0
108.86	0	110.98	0	113.10	0
108.90	0	111.02	0	113.14	0
108.94	0	111.06	0	113.18	0
108.98	0	111.10	0	113.22	0
109.02	0	111.14	0		
109.06	0	111.18	0		
109.10	0	111.22	0		
109.14	0	111.26	0		
109.18	0	111.30	0		
109.22	0	111.34	0		
109.26	0	111.38	0		
109.30	0	111.42	0		
109.34	0	111.46	0		
109.38	0	111.50	0		
109.42	0	111.54	0		
109.46	0	111.58	0		
109.50	0	111.62	0		
109.54	0	111.66	0		
109.58	0	111.70	0		
109.62	0	111.74	0		
109.66	0	111.78	0		
109.70	0	111.82	0		
109.74	0	111.86	0		
109.78	0	111.90	0		
109.82	0	111.94	0		
109.86	0	111.98	0		
109.90	0	112.02	0		
109.94	0	112.06	0		
109.98	0	112.10	0		
110.02	0	112.14	0		
110.06	0	112.18	0		
110.10	0	112.22	0		
110.14	0	112.26	0		

Summary for Pond 17P: UGC-2

Inflow Area = 39,409 sf, 64.10% Impervious, Inflow Depth = 0.95" for 1-YEAR event
Inflow = 1.31 cfs @ 11.98 hrs, Volume= 3,108 cf
Outflow = 1.21 cfs @ 11.98 hrs, Volume= 3,108 cf, Atten= 8%, Lag= 0.0 min
Discarded = 1.21 cfs @ 11.98 hrs, Volume= 3,108 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 107.08' @ 12.00 hrs Surf.Area= 1,609 sf Storage= 54 cf

Plug-Flow detention time= 0.5 min calculated for 3,103 cf (100% of inflow)
Center-of-Mass det. time= 0.5 min (816.6 - 816.1)

Volume	Invert	Avail.Storage	Storage Description
#1A	107.00'	2,478 cf	**22.92'W x 70.23'L x 5.75'H Field A** 9,254 cf Overall - 3,058 cf Embedded = 6,196 cf x 40.0% Voids
#2A	108.00'	3,058 cf	**ADS_StormTech MC-3500 d +Cap** x 27 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 3 Rows of 9 Chambers Cap Storage= +14.9 cf x 2 x 3 rows = 89.4 cf
		5,537 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	107.00'	**31.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=1.17 cfs @ 11.98 hrs HW=107.07' (Free Discharge)
↑**1=Exfiltration** (Exfiltration Controls 1.17 cfs)

Pond 17P: UGC-2 - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)
Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf
Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap
Cap Storage= +14.9 cf x 2 x 3 rows = 89.4 cf

77.0" Wide + 10.0" Spacing = 87.0" C-C Row Spacing

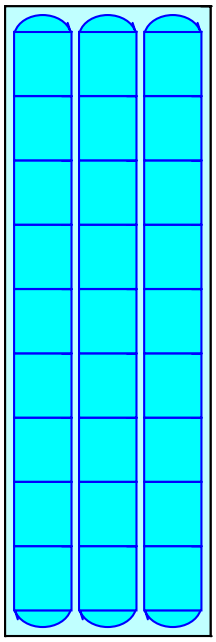
9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +12.0" End Stone x 2 = 70.23' Base Length
3 Rows x 77.0" Wide + 10.0" Spacing x 2 + 12.0" Side Stone x 2 = 22.92' Base Width
12.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.75' Field Height

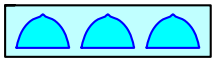
27 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 3 Rows = 3,058.1 cf Chamber Storage

9,254.3 cf Field - 3,058.1 cf Chambers = 6,196.2 cf Stone x 40.0% Voids = 2,478.5 cf Stone Storage

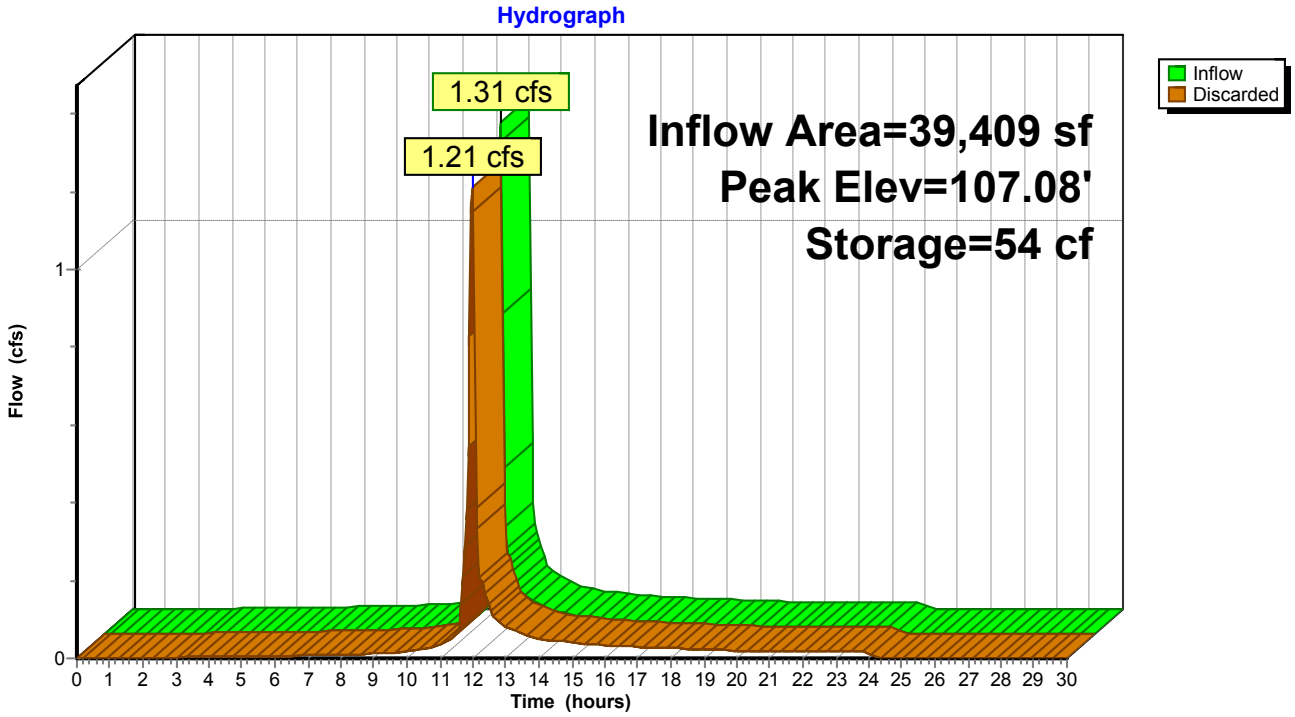
Chamber Storage + Stone Storage = 5,536.6 cf = 0.127 af
Overall Storage Efficiency = 59.8%
Overall System Size = 70.23' x 22.92' x 5.75'

27 Chambers
342.8 cy Field
229.5 cy Stone

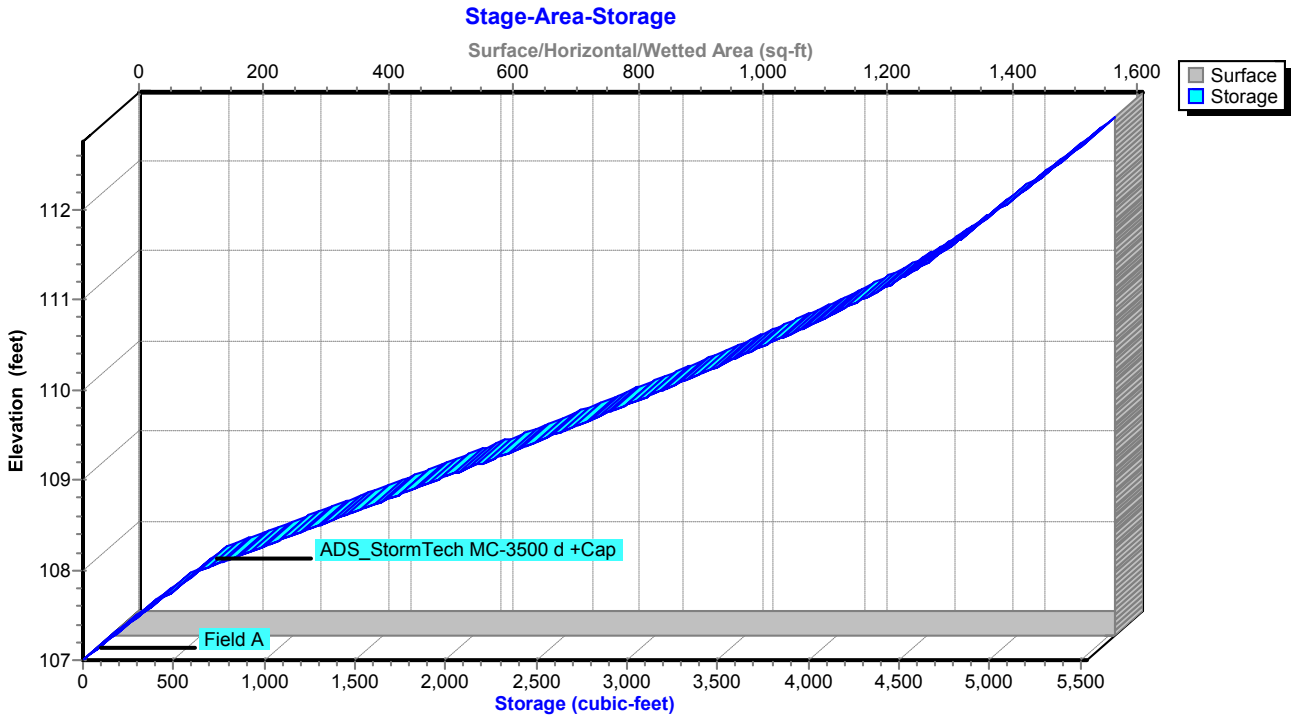




Pond 17P: UGC-2



Pond 17P: UGC-2



Stage-Area-Storage for Pond 17P: UGC-2

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
107.00	**1,609**	0
107.10	1,609	64
107.20	1,609	129
107.30	1,609	193
107.40	1,609	258
107.50	1,609	322
107.60	1,609	386
107.70	1,609	451
107.80	1,609	515
107.90	1,609	579
108.00	1,609	644
108.10	1,609	778
108.20	1,609	912
108.30	1,609	1,046
108.40	1,609	1,178
108.50	1,609	1,311
108.60	1,609	1,443
108.70	1,609	1,574
108.80	1,609	1,704
108.90	1,609	1,834
109.00	1,609	1,963
109.10	1,609	2,092
109.20	1,609	2,219
109.30	1,609	2,346
109.40	1,609	2,472
109.50	1,609	2,597
109.60	1,609	2,720
109.70	1,609	2,843
109.80	1,609	2,965
109.90	1,609	3,085
110.00	1,609	3,204
110.10	1,609	3,321
110.20	1,609	3,437
110.30	1,609	3,551
110.40	1,609	3,664
110.50	1,609	3,775
110.60	1,609	3,884
110.70	1,609	3,990
110.80	1,609	4,094
110.90	1,609	4,196
111.00	1,609	4,295
111.10	1,609	4,390
111.20	1,609	4,482
111.30	1,609	4,569
111.40	1,609	4,649
111.50	1,609	4,723
111.60	1,609	4,793
111.70	1,609	4,860
111.80	1,609	4,925
111.90	1,609	4,989
112.00	1,609	5,054
112.10	1,609	5,118
112.20	1,609	5,182
112.30	1,609	5,247
112.40	1,609	5,311
112.50	1,609	5,376
112.60	1,609	5,440
112.70	1,609	**5,504**

Summary for Pond DP-3: DP-3

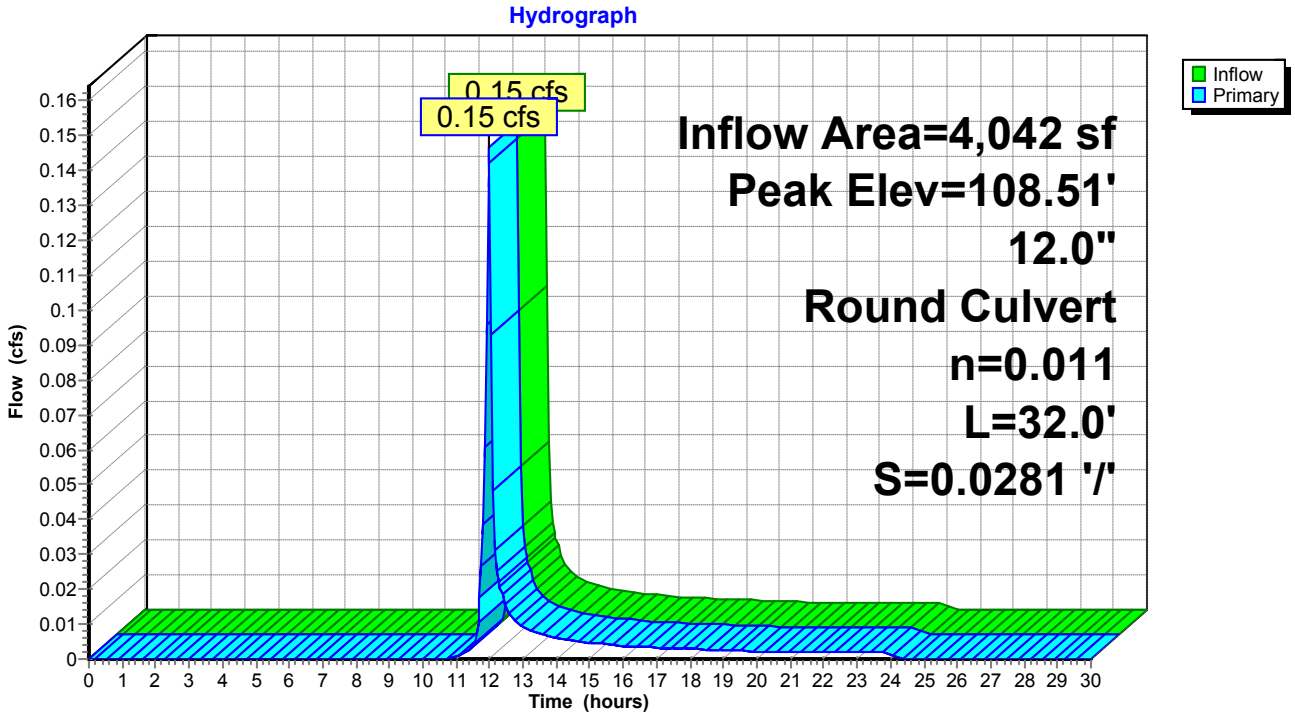
Inflow Area = 4,042 sf, 67.84% Impervious, Inflow Depth = 0.91" for 1-YEAR event
Inflow = 0.15 cfs @ 11.98 hrs, Volume= 307 cf
Outflow = 0.15 cfs @ 11.98 hrs, Volume= 307 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.15 cfs @ 11.98 hrs, Volume= 307 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 108.51' @ 11.98 hrs
Flood Elev= 112.38'

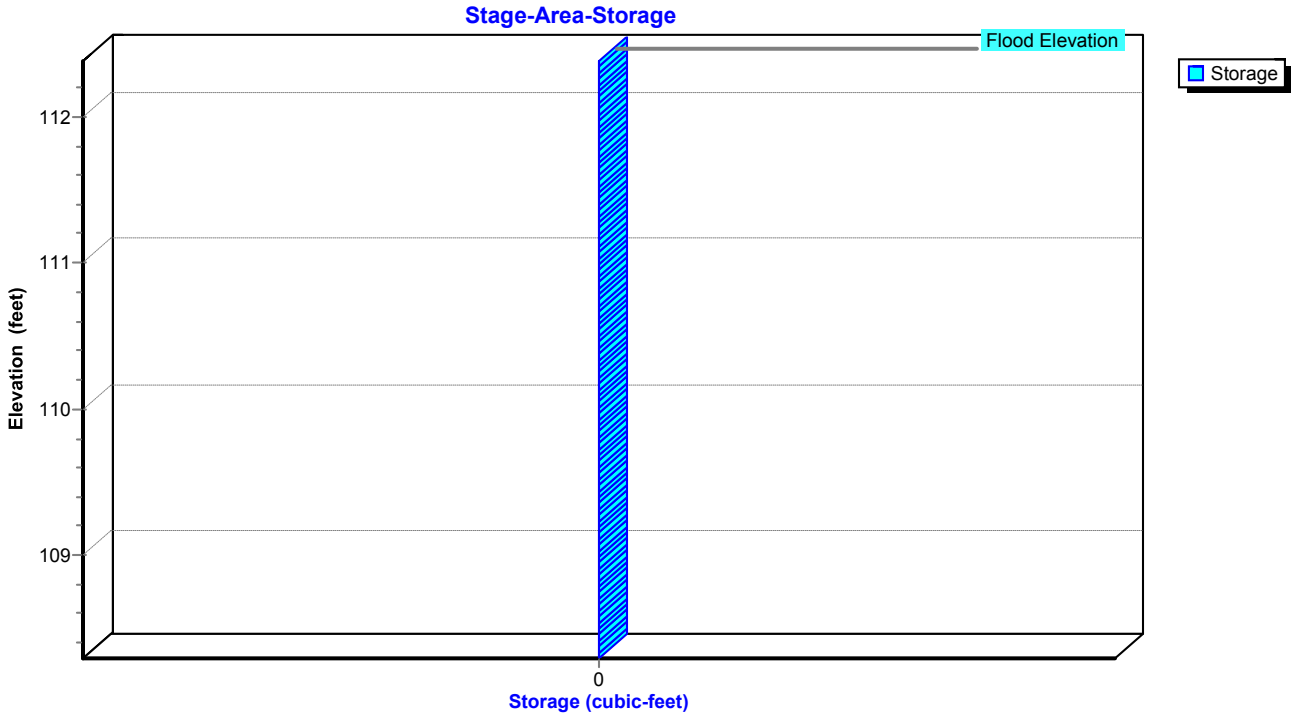
Device	Routing	Invert	Outlet Devices
#1	Primary	108.30'	**12.0" Round Culvert** L= 32.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.30' / 107.40' S= 0.0281 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 0.79 sf

Primary OutFlow Max=0.14 cfs @ 11.98 hrs HW=108.50' (Free Discharge)
1=Culvert (Inlet Controls 0.14 cfs @ 1.21 fps)

Pond DP-3: DP-3



Pond DP-3: DP-3


Stage-Area-Storage
Flood Elevation
Storage
112
111
110
109
Elevation (feet)
0
Storage (cubic-feet)

Stage-Area-Storage for Pond DP-3: DP-3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.30	**0**	110.95	0
108.35	0	111.00	0
108.40	0	111.05	0
108.45	0	111.10	0
108.50	0	111.15	0
108.55	0	111.20	0
108.60	0	111.25	0
108.65	0	111.30	0
108.70	0	111.35	0
108.75	0	111.40	0
108.80	0	111.45	0
108.85	0	111.50	0
108.90	0	111.55	0
108.95	0	111.60	0
109.00	0	111.65	0
109.05	0	111.70	0
109.10	0	111.75	0
109.15	0	111.80	0
109.20	0	111.85	0
109.25	0	111.90	0
109.30	0	111.95	0
109.35	0	112.00	0
109.40	0	112.05	0
109.45	0	112.10	0
109.50	0	112.15	0
109.55	0	112.20	0
109.60	0	112.25	0
109.65	0	112.30	0
109.70	0	112.35	0
109.75	0		
109.80	0		
109.85	0		
109.90	0		
109.95	0		
110.00	0		
110.05	0		
110.10	0		
110.15	0		
110.20	0		
110.25	0		
110.30	0		
110.35	0		
110.40	0		
110.45	0		
110.50	0		
110.55	0		
110.60	0		
110.65	0		
110.70	0		
110.75	0		
110.80	0		
110.85	0		
110.90	0		

Time span=0.00-30.00 hrs, dt=0.05 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA-1: DA-1 Runoff Area=33,352 sf 61.72% Impervious Runoff Depth=1.31"
Tc=6.0 min CN=79 Runoff=1.74 cfs 3,632 cf

Subcatchment DA-10: DA-10 Runoff Area=4,891 sf 100.00% Impervious Runoff Depth=2.93"
Tc=6.0 min CN=98 Runoff=0.49 cfs 1,193 cf

Subcatchment DA-11: DA-11 Runoff Area=3,220 sf 100.00% Impervious Runoff Depth=2.93"
Tc=6.0 min CN=98 Runoff=0.32 cfs 786 cf

Subcatchment DA-2: DA-2 Runoff Area=5,279 sf 65.56% Impervious Runoff Depth=1.24"
Tc=6.0 min CN=78 Runoff=0.26 cfs 547 cf

Subcatchment DA-3: DA-3 Runoff Area=4,042 sf 67.84% Impervious Runoff Depth=1.31"
Tc=6.0 min CN=79 Runoff=0.21 cfs 440 cf

Subcatchment DA-4: DA-4 Runoff Area=21,677 sf 48.09% Impervious Runoff Depth=0.67"
Tc=6.0 min CN=67 Runoff=0.54 cfs 1,203 cf

Subcatchment DA-5: DA-5 Runoff Area=4,633 sf 67.65% Impervious Runoff Depth=1.31"
Tc=6.0 min CN=79 Runoff=0.24 cfs 505 cf

Subcatchment DA-6: DA-6 Runoff Area=5,259 sf 73.44% Impervious Runoff Depth=1.51"
Tc=6.0 min CN=82 Runoff=0.31 cfs 660 cf

Subcatchment DA-7: DA-7 Runoff Area=6,429 sf 78.05% Impervious Runoff Depth=1.72"
Tc=6.0 min CN=85 Runoff=0.44 cfs 923 cf

Subcatchment DA-8: DA-8 Runoff Area=8,036 sf 62.98% Impervious Runoff Depth=1.12"
Tc=6.0 min CN=76 Runoff=0.36 cfs 753 cf

Subcatchment DA-9: DA-9 Runoff Area=4,620 sf 100.00% Impervious Runoff Depth=2.93"
Tc=6.0 min CN=98 Runoff=0.46 cfs 1,127 cf

Reach DP-1: DP-1 Inflow=1.74 cfs 3,632 cf
Outflow=1.74 cfs 3,632 cf

Reach DP-4: DP-4 Inflow=0.36 cfs 753 cf
Outflow=0.36 cfs 753 cf

Pond 1P: PR CB#5 Peak Elev=112.23' Inflow=0.26 cfs 547 cf
18.0" Round Culvert n=0.012 L=45.0' S=0.0100 '/' Outflow=0.26 cfs 547 cf

Pond 9P: PR CB #1 Peak Elev=110.56' Inflow=0.92 cfs 2,117 cf
12.0" Round Culvert n=0.010 L=23.0' S=0.0100 '/' Outflow=0.92 cfs 2,117 cf

Pond 10P: UGC-1 Peak Elev=109.00' Storage=586 cf Inflow=0.92 cfs 2,117 cf
Outflow=0.17 cfs 2,117 cf

Pond 11P: PR CB #2 Peak Elev=110.51' Inflow=0.63 cfs 1,446 cf
12.0" Round Culvert n=0.010 L=10.0' S=0.0100 '/' Outflow=0.63 cfs 1,446 cf

Pond 13P: PR CB #3 Peak Elev=110.49' Inflow=0.87 cfs 1,950 cf
12.0" Round Culvert n=0.010 L=88.0' S=0.0100 '/' Outflow=0.87 cfs 1,950 cf

Pond 15P: PR CB #4 Peak Elev=108.77' Inflow=1.86 cfs 4,281 cf
24.0" Round Culvert n=0.010 L=4.0' S=0.0150 '/' Outflow=1.86 cfs 4,281 cf

Pond 17P: UGC-2 Peak Elev=107.42' Storage=273 cf Inflow=1.86 cfs 4,281 cf
Outflow=1.17 cfs 4,281 cf

Pond DP-3: DP-3 Peak Elev=108.55' Inflow=0.21 cfs 440 cf
12.0" Round Culvert n=0.011 L=32.0' S=0.0281 '/' Outflow=0.21 cfs 440 cf

Total Runoff Area = 101,438 sf Runoff Volume = 11,770 cf Average Runoff Depth = 1.39"
33.93% Pervious = 34,420 sf 66.07% Impervious = 67,018 sf

Summary for Subcatchment DA-1: DA-1

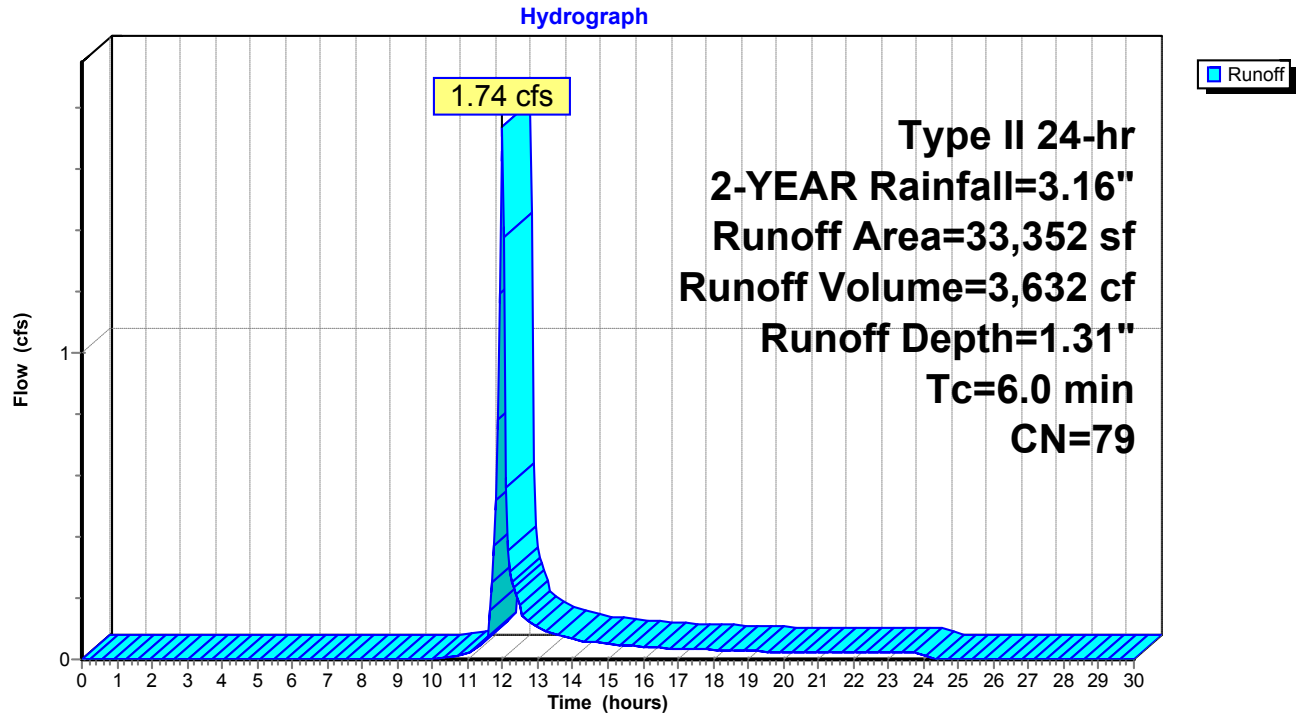
Runoff = 1.74 cfs @ 11.98 hrs, Volume= 3,632 cf, Depth= 1.31"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
12,767	49	50-75% Grass cover, Fair, HSG A
20,585	98	Paved parking, HSG A
33,352	79	Weighted Average
12,767		38.28% Pervious Area
20,585		61.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-1: DA-1



Summary for Subcatchment DA-10: DA-10

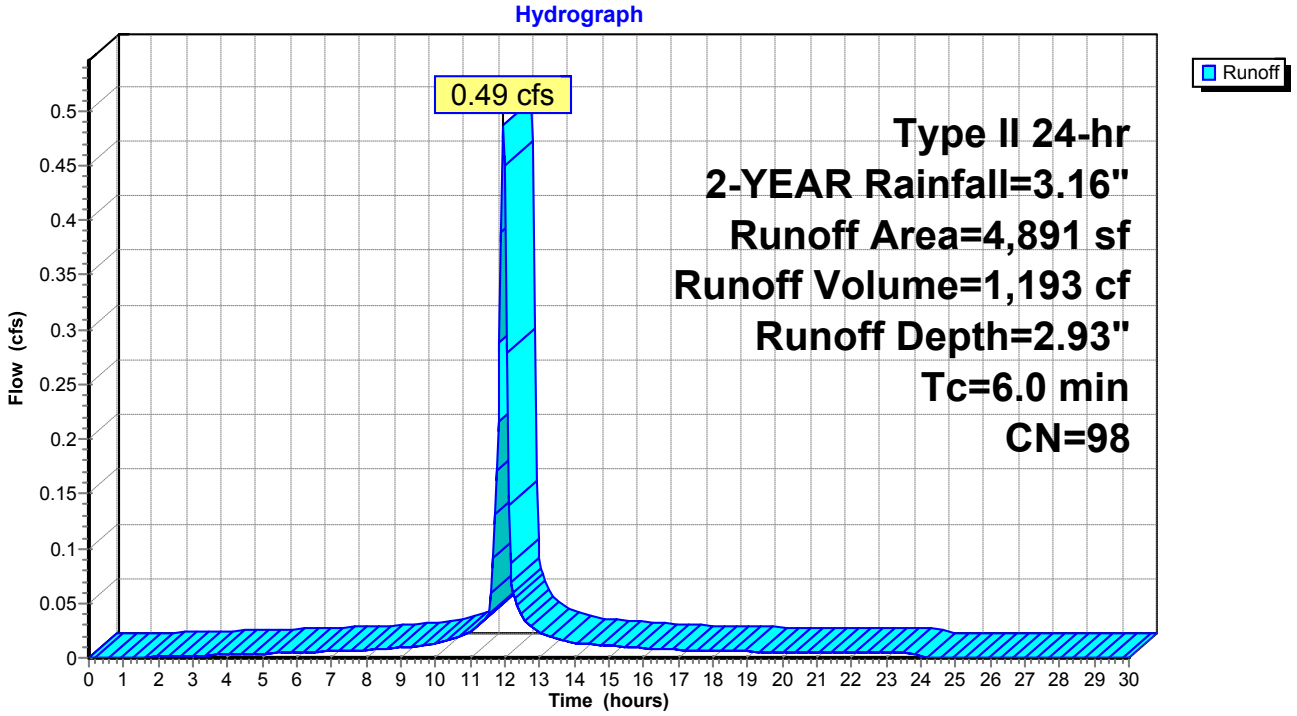
Runoff = 0.49 cfs @ 11.96 hrs, Volume= 1,193 cf, Depth= 2.93"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
4,891	98	Roofs, HSG A
4,891		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-10: DA-10



Summary for Subcatchment DA-11: DA-11

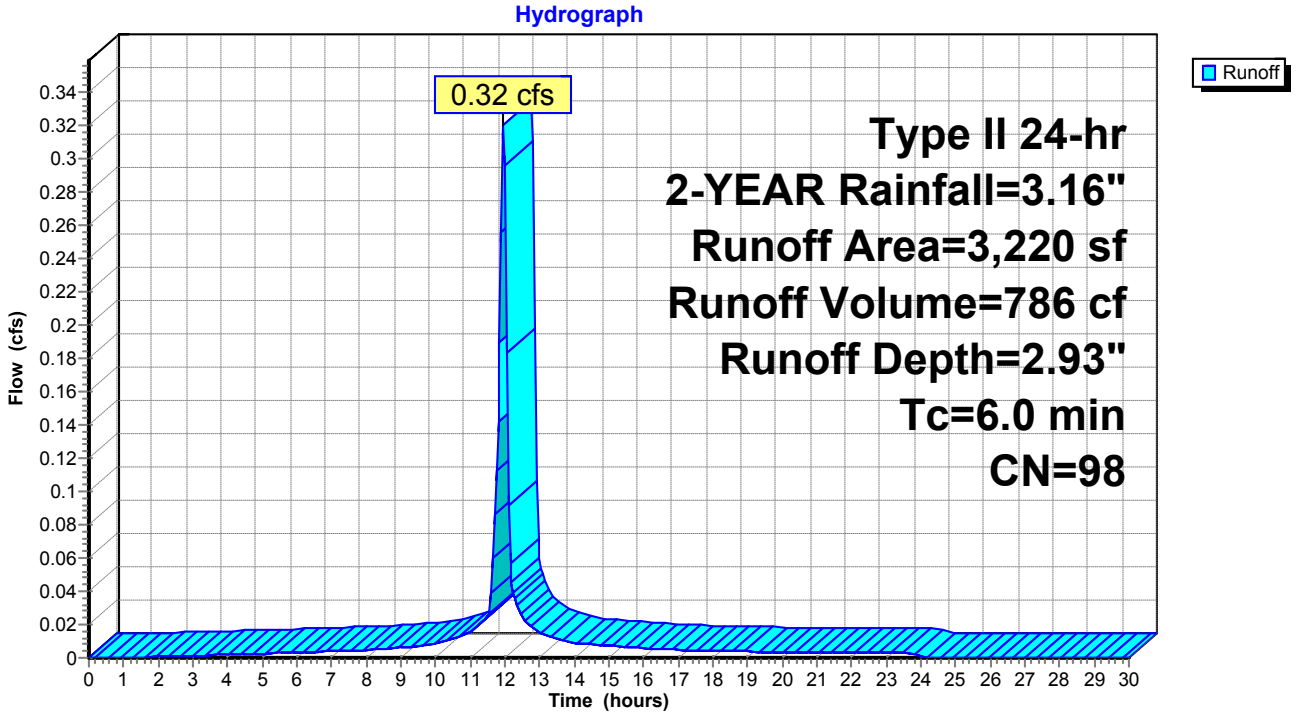
Runoff = 0.32 cfs @ 11.96 hrs, Volume= 786 cf, Depth= 2.93"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
3,220	98	Roofs, HSG A
3,220		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-11: DA-11



Summary for Subcatchment DA-2: DA-2

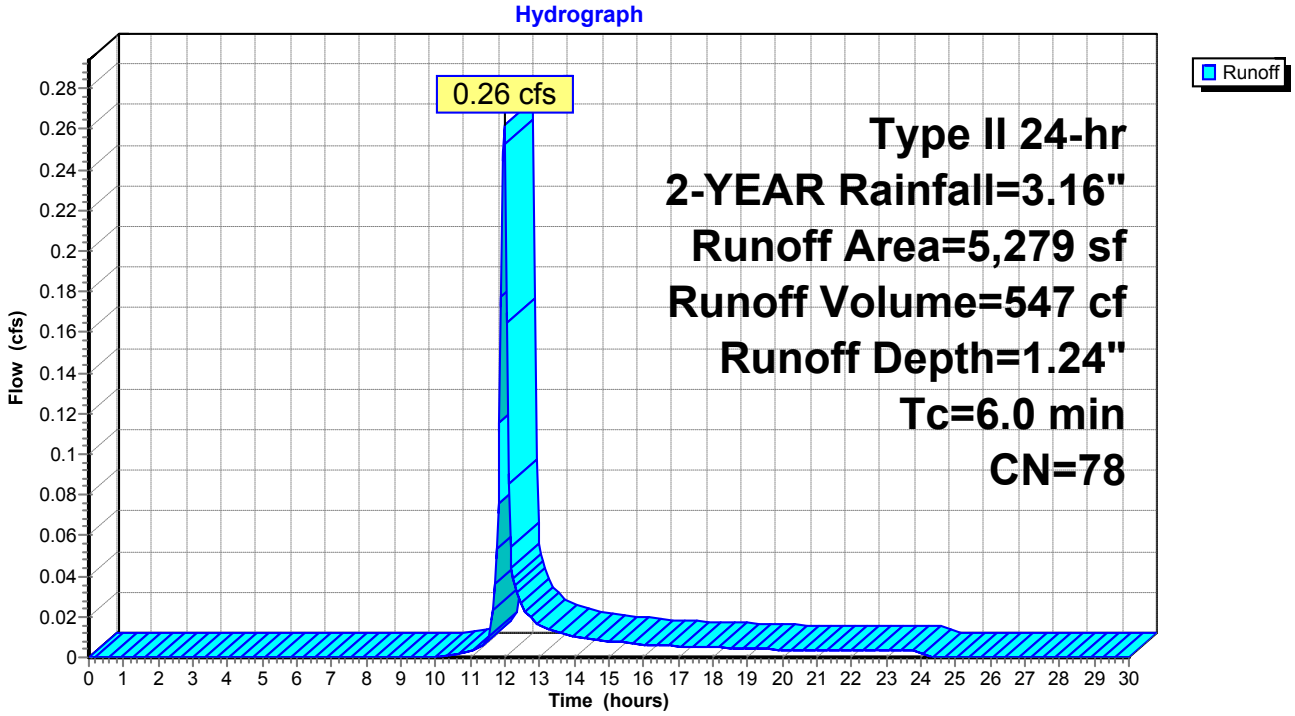
Runoff = 0.26 cfs @ 11.98 hrs, Volume= 547 cf, Depth= 1.24"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
1,818	39	>75% Grass cover, Good, HSG A
3,461	98	Paved parking, HSG A
5,279	78	Weighted Average
1,818		34.44% Pervious Area
3,461		65.56% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-2: DA-2



Summary for Subcatchment DA-3: DA-3

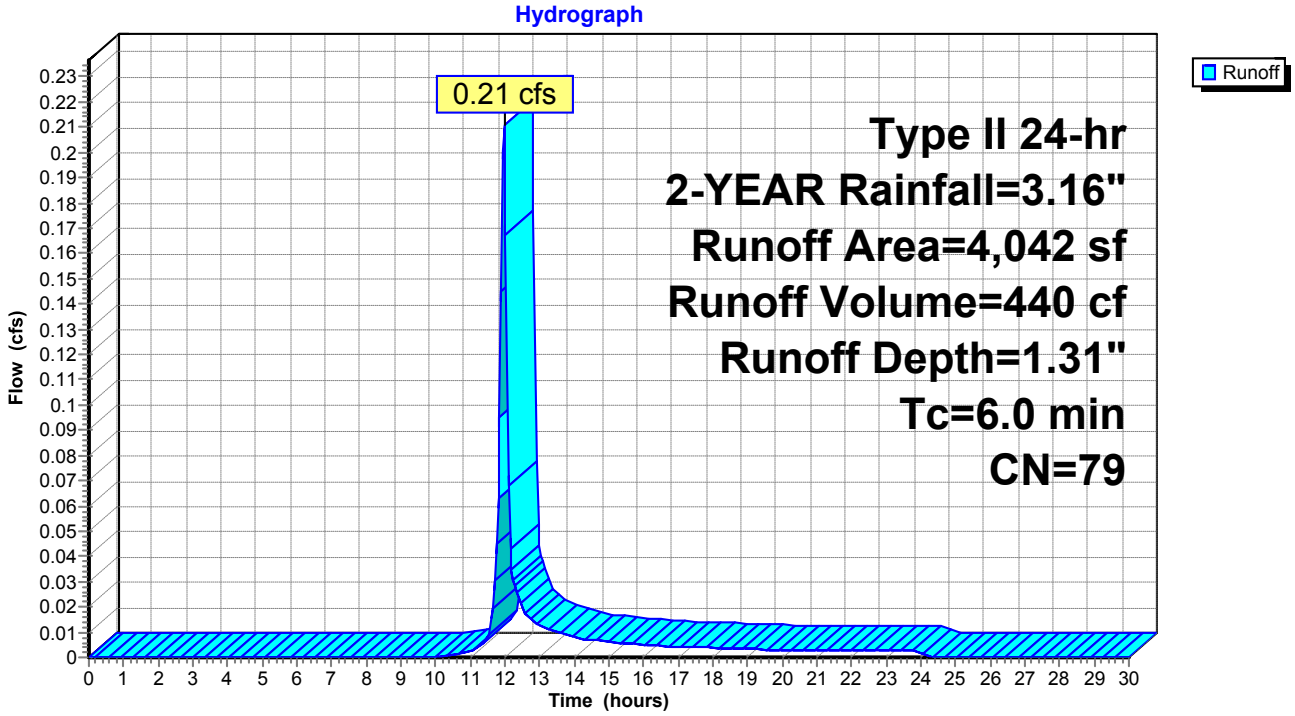
Runoff = 0.21 cfs @ 11.98 hrs, Volume= 440 cf, Depth= 1.31"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
1,300	39	>75% Grass cover, Good, HSG A
2,742	98	Paved parking, HSG A
4,042	79	Weighted Average
1,300		32.16% Pervious Area
2,742		67.84% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-3: DA-3



Summary for Subcatchment DA-4: DA-4

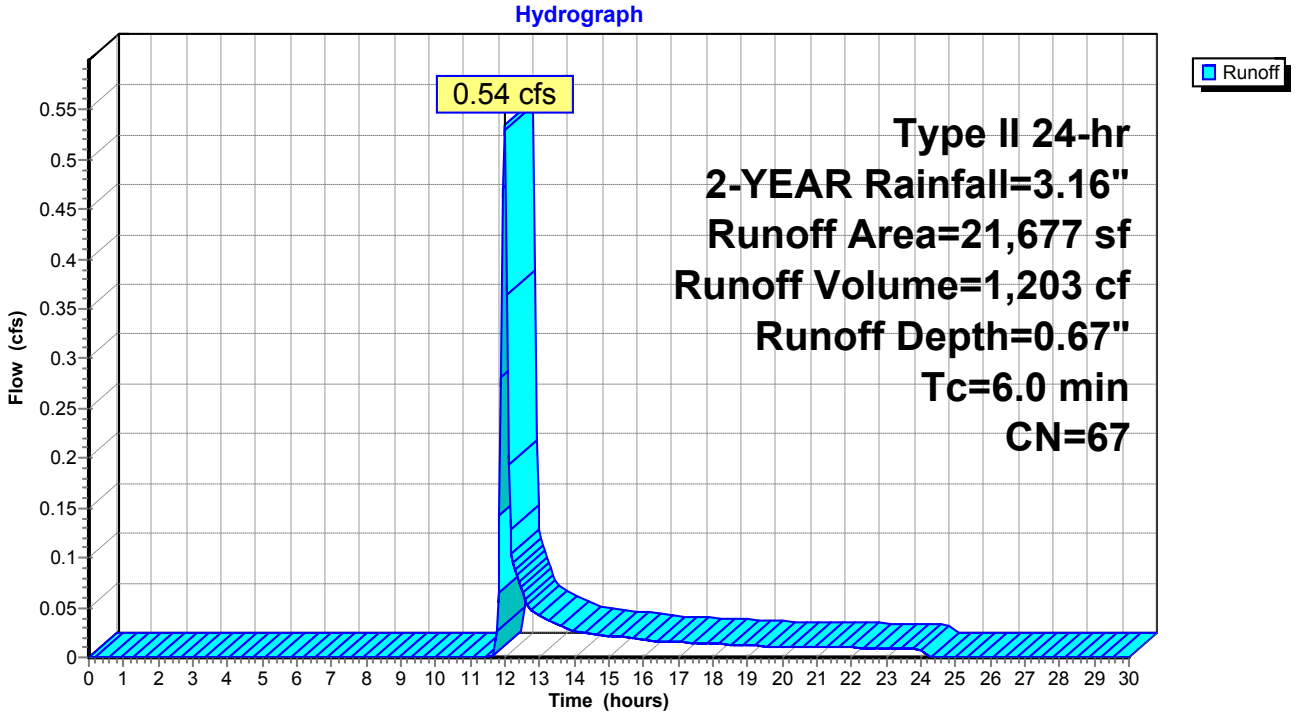
Runoff = 0.54 cfs @ 11.99 hrs, Volume= 1,203 cf, Depth= 0.67"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
11,253	39	>75% Grass cover, Good, HSG A
10,424	98	Paved parking, HSG A
21,677	67	Weighted Average
11,253		51.91% Pervious Area
10,424		48.09% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-4: DA-4



Summary for Subcatchment DA-5: DA-5

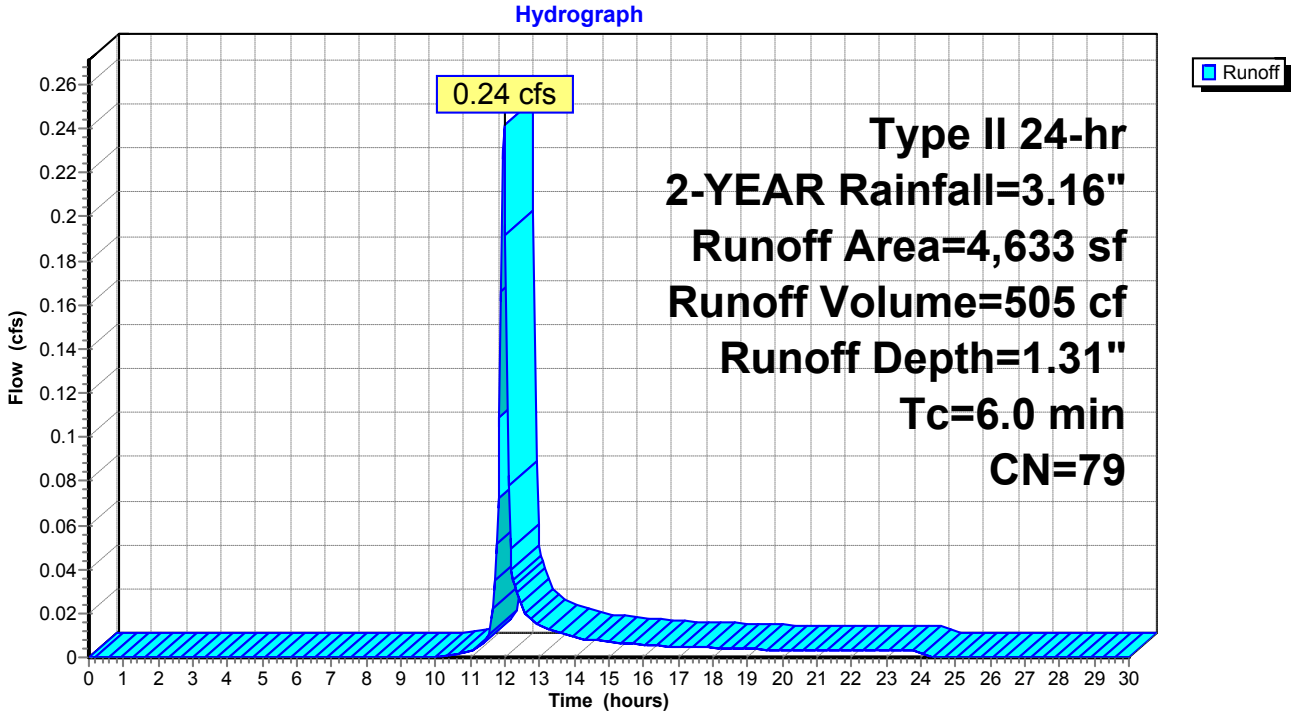
Runoff = 0.24 cfs @ 11.98 hrs, Volume= 505 cf, Depth= 1.31"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
1,499	39	>75% Grass cover, Good, HSG A
3,134	98	Paved parking, HSG A
4,633	79	Weighted Average
1,499		32.35% Pervious Area
3,134		67.65% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-5: DA-5



Summary for Subcatchment DA-6: DA-6

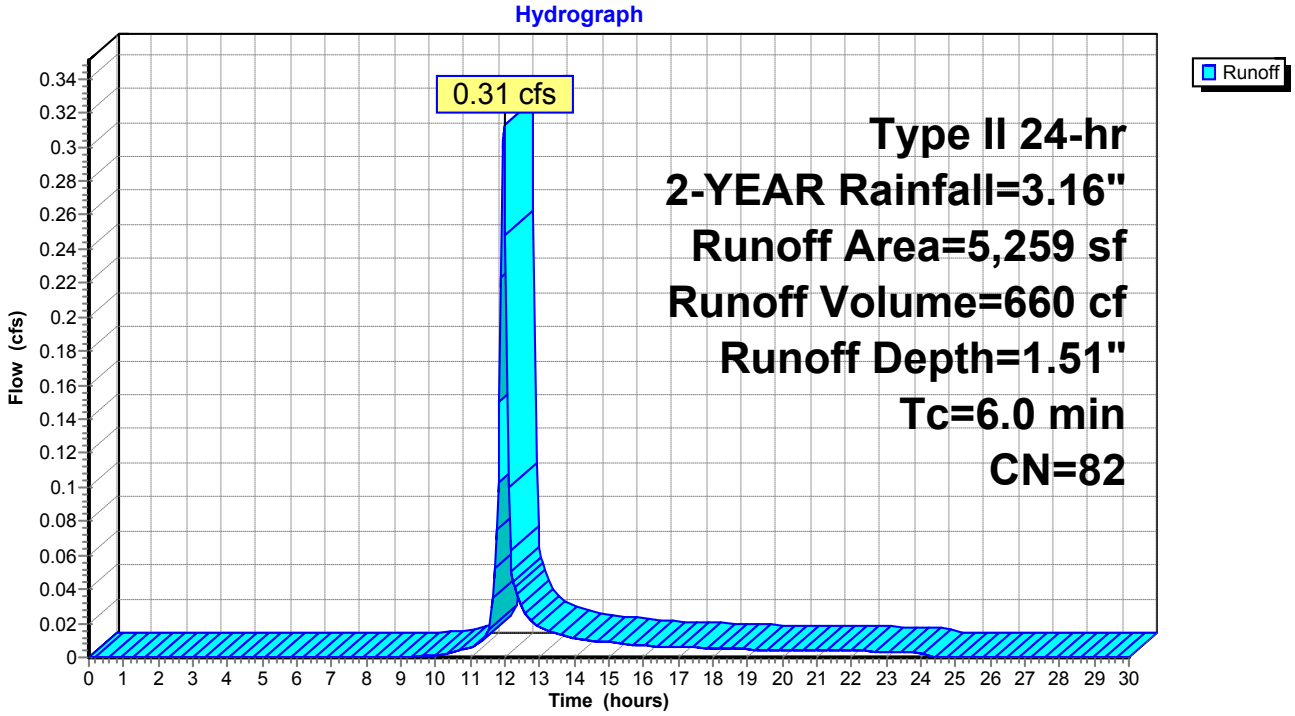
Runoff = 0.31 cfs @ 11.97 hrs, Volume= 660 cf, Depth= 1.51"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
1,397	39	>75% Grass cover, Good, HSG A
3,862	98	Paved parking, HSG A
5,259	82	Weighted Average
1,397		26.56% Pervious Area
3,862		73.44% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-6: DA-6



Summary for Subcatchment DA-7: DA-7

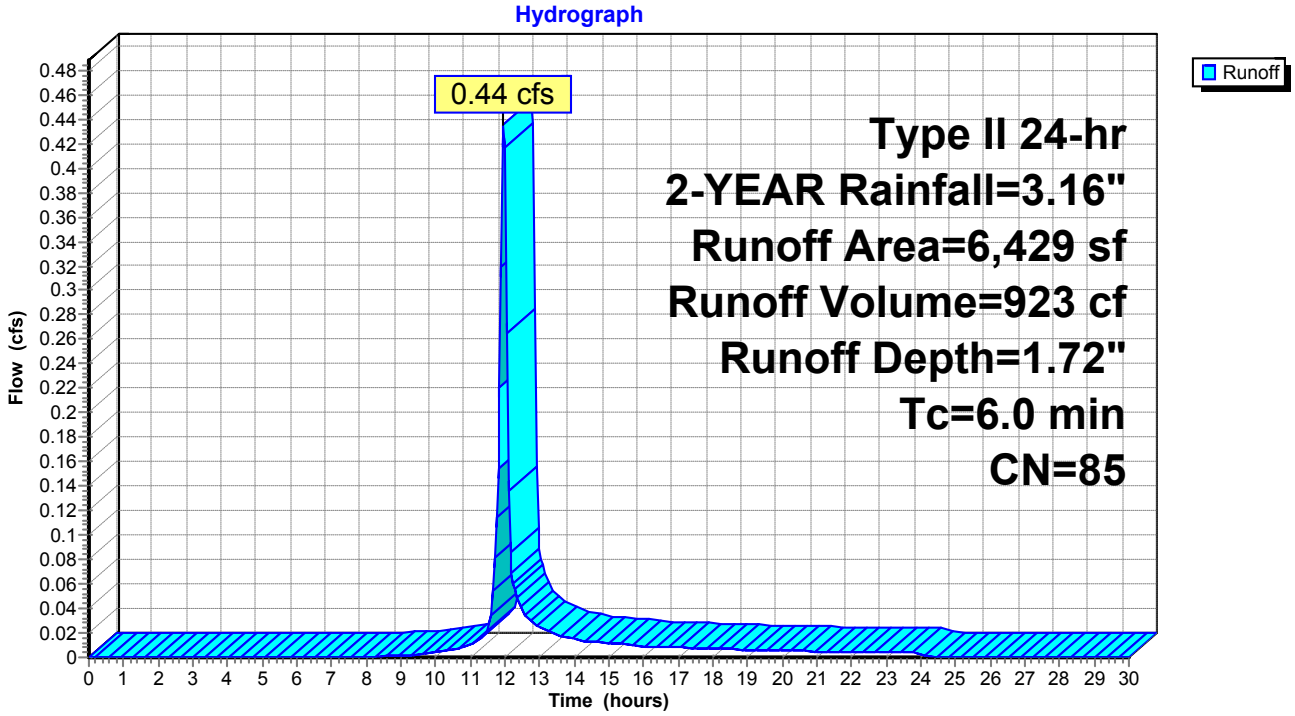
Runoff = 0.44 cfs @ 11.97 hrs, Volume= 923 cf, Depth= 1.72"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
1,411	39	>75% Grass cover, Good, HSG A
5,018	98	Paved parking, HSG A
6,429	85	Weighted Average
1,411		21.95% Pervious Area
5,018		78.05% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-7: DA-7



Summary for Subcatchment DA-8: DA-8

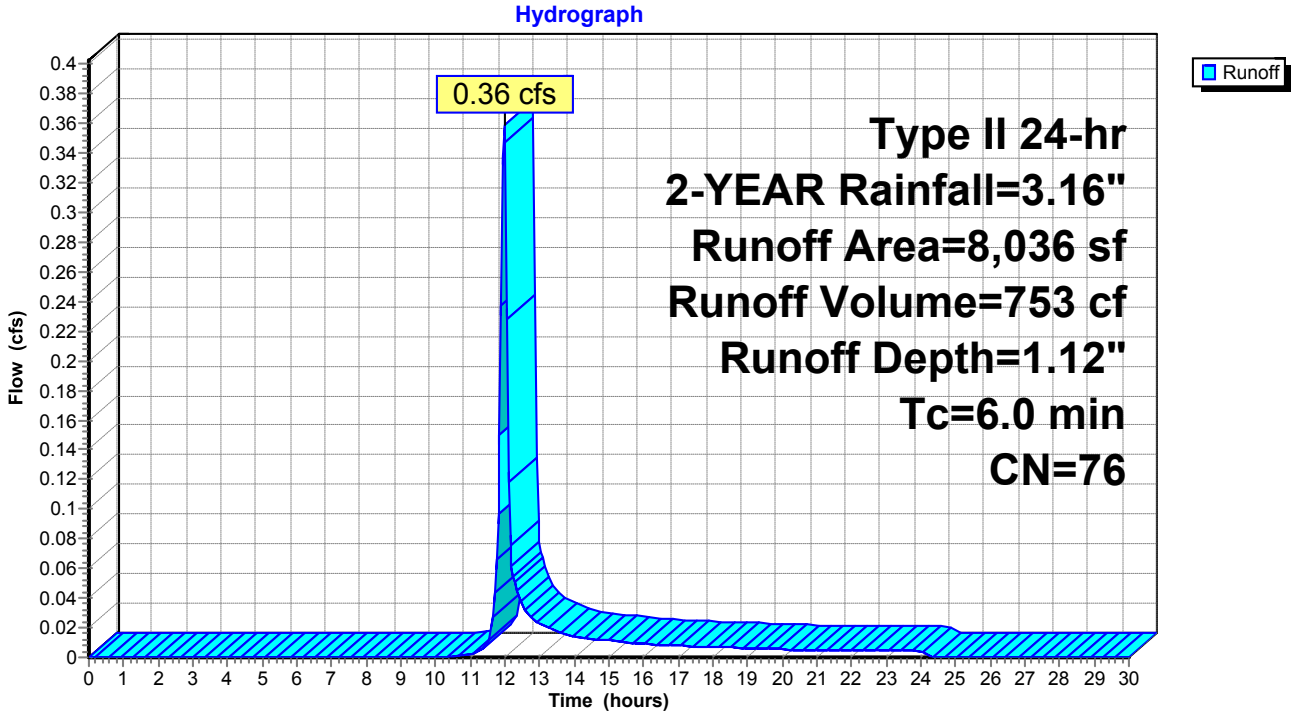
Runoff = 0.36 cfs @ 11.98 hrs, Volume= 753 cf, Depth= 1.12"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
2,975	39	>75% Grass cover, Good, HSG A
5,061	98	Paved parking, HSG A
8,036	76	Weighted Average
2,975		37.02% Pervious Area
5,061		62.98% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-8: DA-8



Summary for Subcatchment DA-9: DA-9

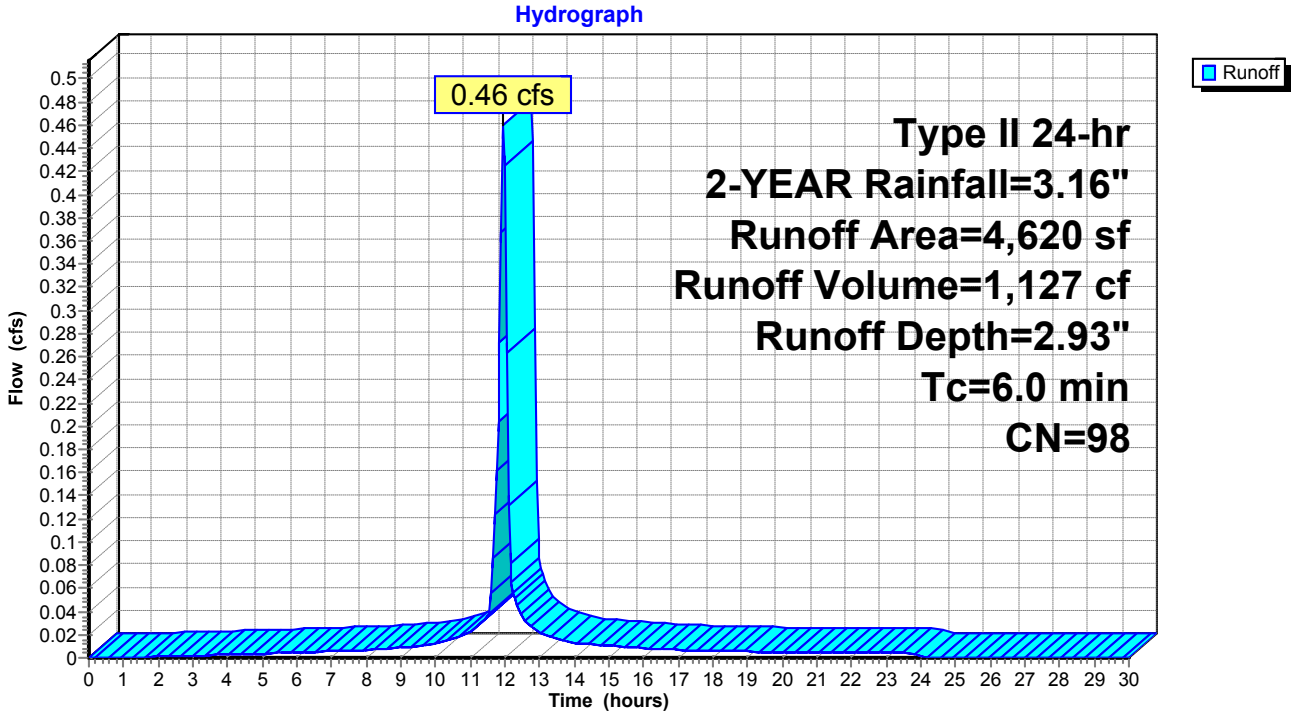
Runoff = 0.46 cfs @ 11.96 hrs, Volume= 1,127 cf, Depth= 2.93"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 2-YEAR Rainfall=3.16"

Area (sf)	CN	Description
4,620	98	Roofs, HSG A
4,620		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-9: DA-9

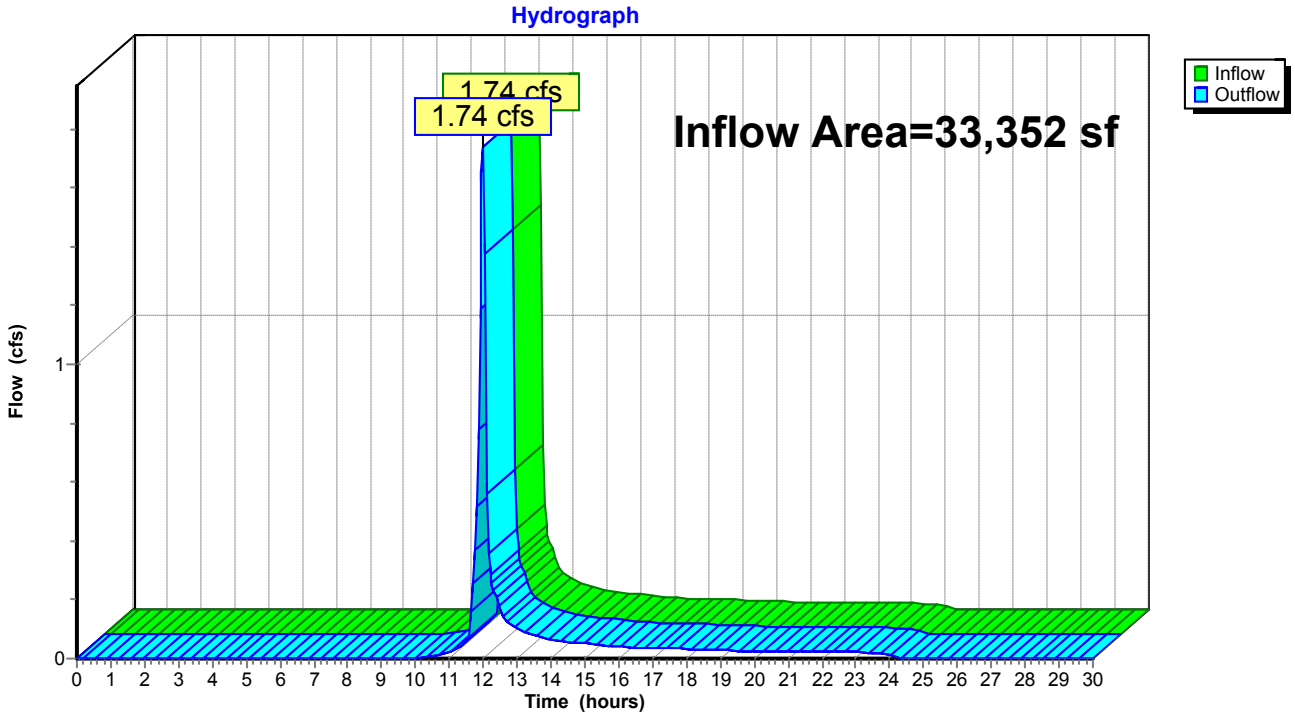


Summary for Reach DP-1: DP-1

Inflow Area = 33,352 sf, 61.72% Impervious, Inflow Depth = 1.31" for 2-YEAR event
Inflow = 1.74 cfs @ 11.98 hrs, Volume= 3,632 cf
Outflow = 1.74 cfs @ 11.98 hrs, Volume= 3,632 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs

Reach DP-1: DP-1

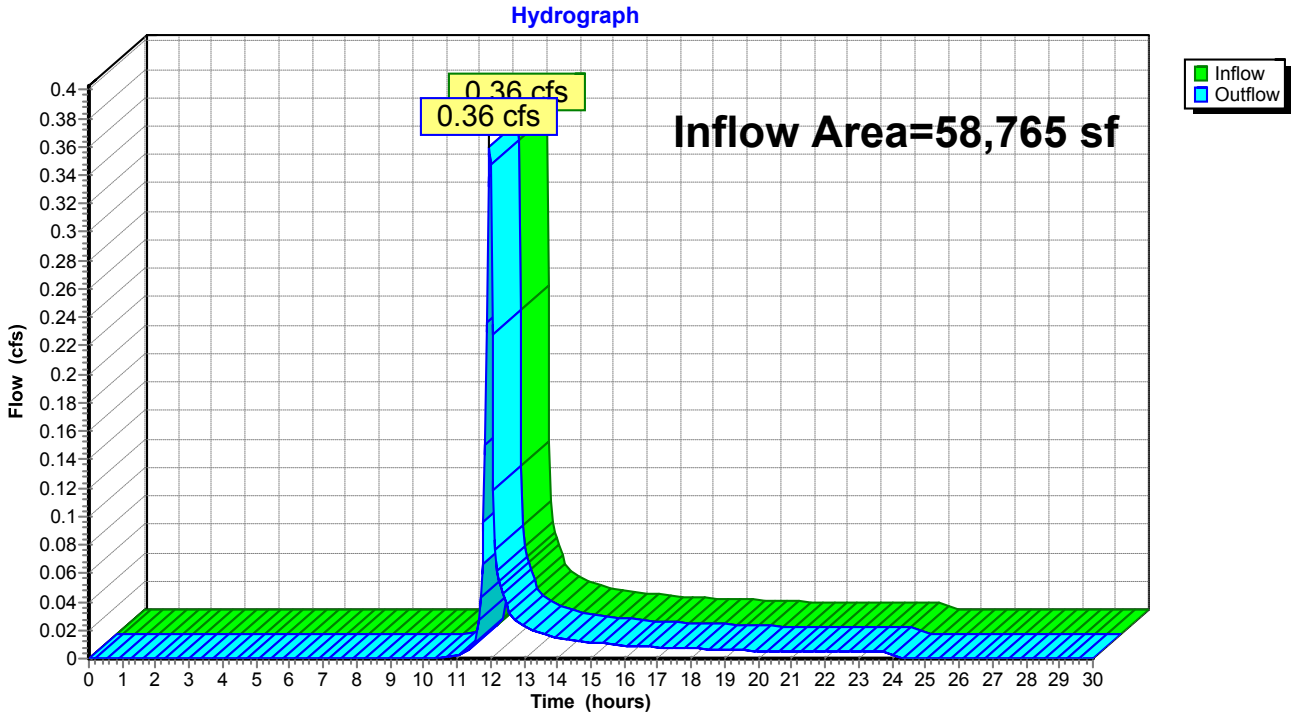


Summary for Reach DP-4: DP-4

Inflow Area = 58,765 sf, 68.46% Impervious, Inflow Depth = 0.15" for 2-YEAR event
Inflow = 0.36 cfs @ 11.98 hrs, Volume= 753 cf
Outflow = 0.36 cfs @ 11.98 hrs, Volume= 753 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs

Reach DP-4: DP-4



Summary for Pond 1P: PR CB#5

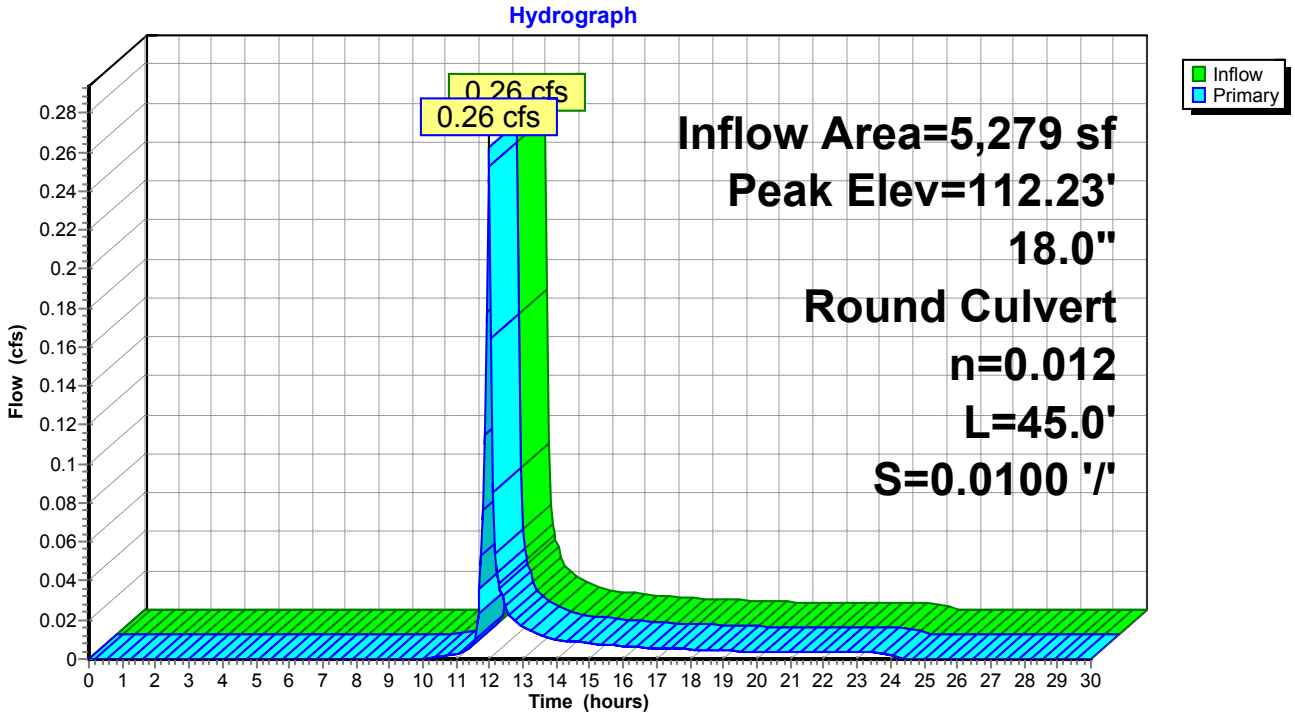
Inflow Area = 5,279 sf, 65.56% Impervious, Inflow Depth = 1.24" for 2-YEAR event
Inflow = 0.26 cfs @ 11.98 hrs, Volume= 547 cf
Outflow = 0.26 cfs @ 11.98 hrs, Volume= 547 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.26 cfs @ 11.98 hrs, Volume= 547 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 112.23' @ 11.98 hrs
Flood Elev= 114.98'

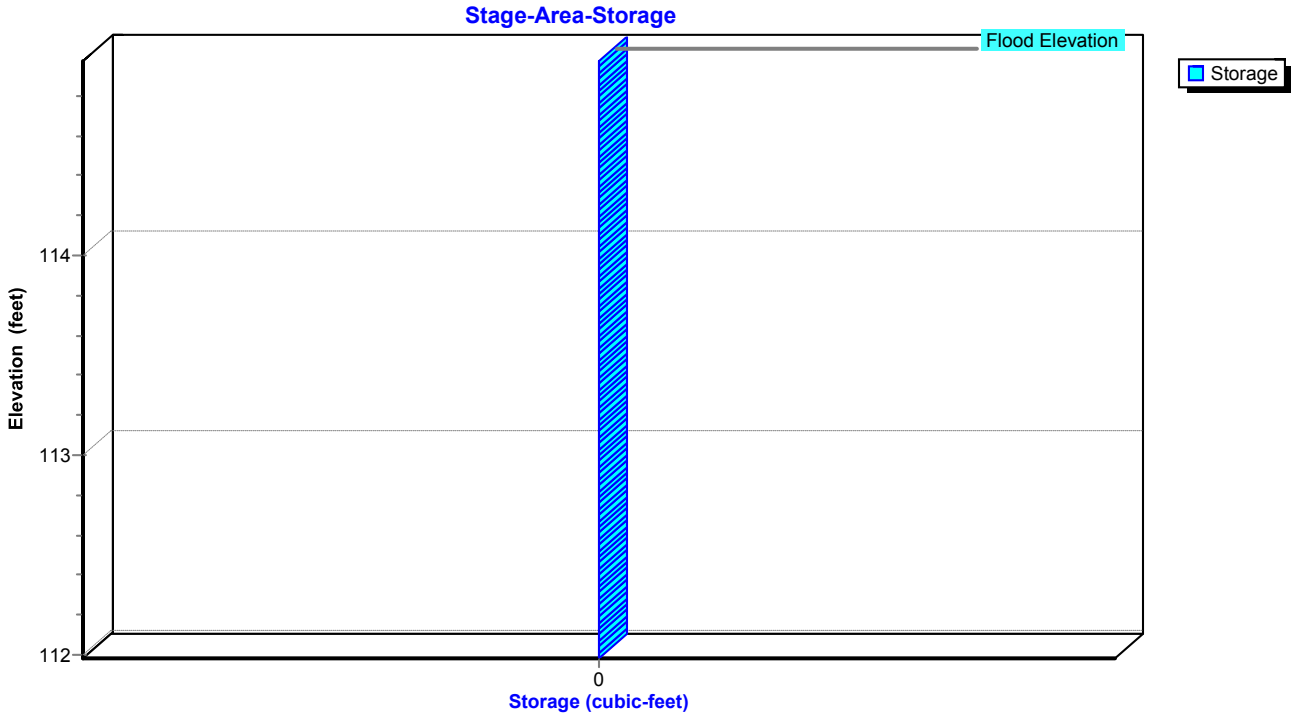
Device	Routing	Invert	Outlet Devices
#1	Primary	111.98'	**18.0" Round Culvert** L= 45.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 111.98' / 111.53' S= 0.0100 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 1.77 sf

Primary OutFlow Max=0.25 cfs @ 11.98 hrs HW=112.23' (Free Discharge)
1=Culvert (Inlet Controls 0.25 cfs @ 1.33 fps)

Pond 1P: PR CB#5



Pond 1P: PR CB#5



Stage-Area-Storage for Pond 1P: PR CB#5

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
111.98	**0**	113.04	0	114.10	0
112.00	0	113.06	0	114.12	0
112.02	0	113.08	0	114.14	0
112.04	0	113.10	0	114.16	0
112.06	0	113.12	0	114.18	0
112.08	0	113.14	0	114.20	0
112.10	0	113.16	0	114.22	0
112.12	0	113.18	0	114.24	0
112.14	0	113.20	0	114.26	0
112.16	0	113.22	0	114.28	0
112.18	0	113.24	0	114.30	0
112.20	0	113.26	0	114.32	0
112.22	0	113.28	0	114.34	0
112.24	0	113.30	0	114.36	0
112.26	0	113.32	0	114.38	0
112.28	0	113.34	0	114.40	0
112.30	0	113.36	0	114.42	0
112.32	0	113.38	0	114.44	0
112.34	0	113.40	0	114.46	0
112.36	0	113.42	0	114.48	0
112.38	0	113.44	0	114.50	0
112.40	0	113.46	0	114.52	0
112.42	0	113.48	0	114.54	0
112.44	0	113.50	0	114.56	0
112.46	0	113.52	0	114.58	0
112.48	0	113.54	0	114.60	0
112.50	0	113.56	0	114.62	0
112.52	0	113.58	0	114.64	0
112.54	0	113.60	0	114.66	0
112.56	0	113.62	0	114.68	0
112.58	0	113.64	0	114.70	0
112.60	0	113.66	0	114.72	0
112.62	0	113.68	0	114.74	0
112.64	0	113.70	0	114.76	0
112.66	0	113.72	0	114.78	0
112.68	0	113.74	0	114.80	0
112.70	0	113.76	0	114.82	0
112.72	0	113.78	0	114.84	0
112.74	0	113.80	0	114.86	0
112.76	0	113.82	0	114.88	0
112.78	0	113.84	0	114.90	0
112.80	0	113.86	0	114.92	0
112.82	0	113.88	0	114.94	0
112.84	0	113.90	0	114.96	0
112.86	0	113.92	0	114.98	0
112.88	0	113.94	0		
112.90	0	113.96	0		
112.92	0	113.98	0		
112.94	0	114.00	0		
112.96	0	114.02	0		
112.98	0	114.04	0		
113.00	0	114.06	0		
113.02	0	114.08	0		

Summary for Pond 9P: PR CB #1

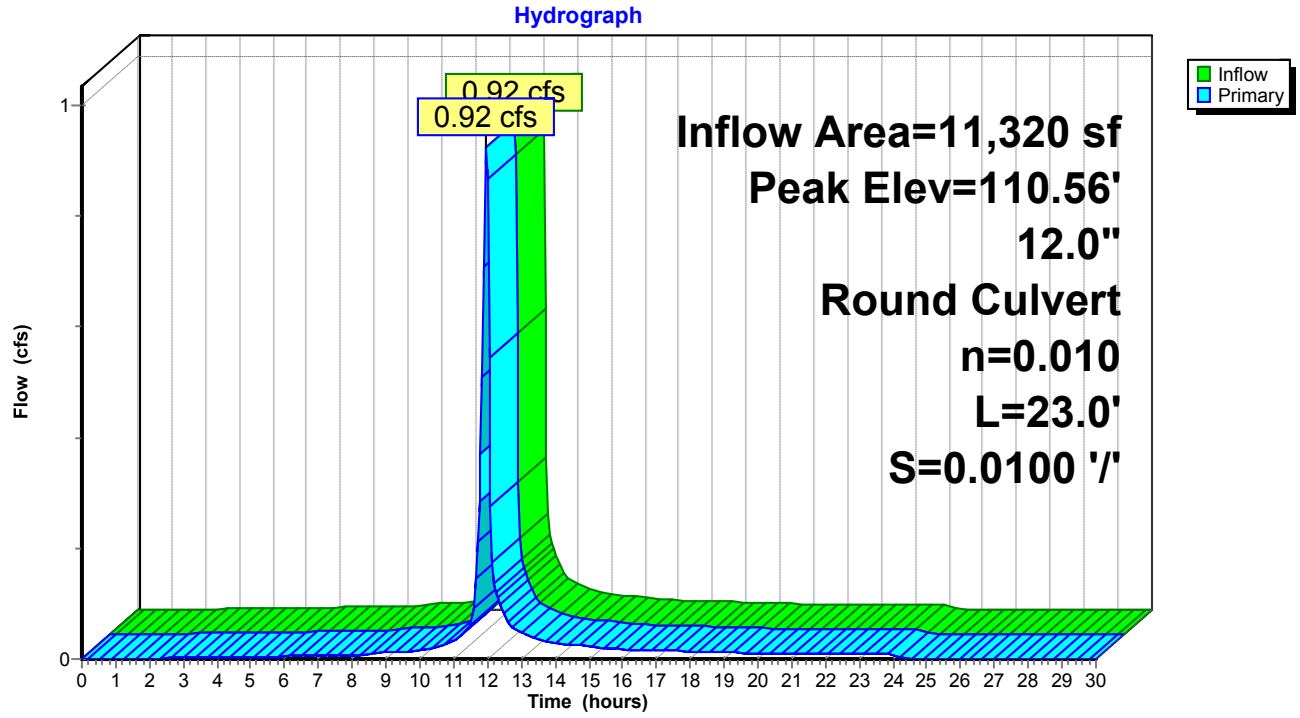
Inflow Area = 11,320 sf, 87.54% Impervious, Inflow Depth = 2.24" for 2-YEAR event
Inflow = 0.92 cfs @ 11.97 hrs, Volume= 2,117 cf
Outflow = 0.92 cfs @ 11.97 hrs, Volume= 2,117 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.92 cfs @ 11.97 hrs, Volume= 2,117 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.56' @ 11.97 hrs
Flood Elev= 113.00'

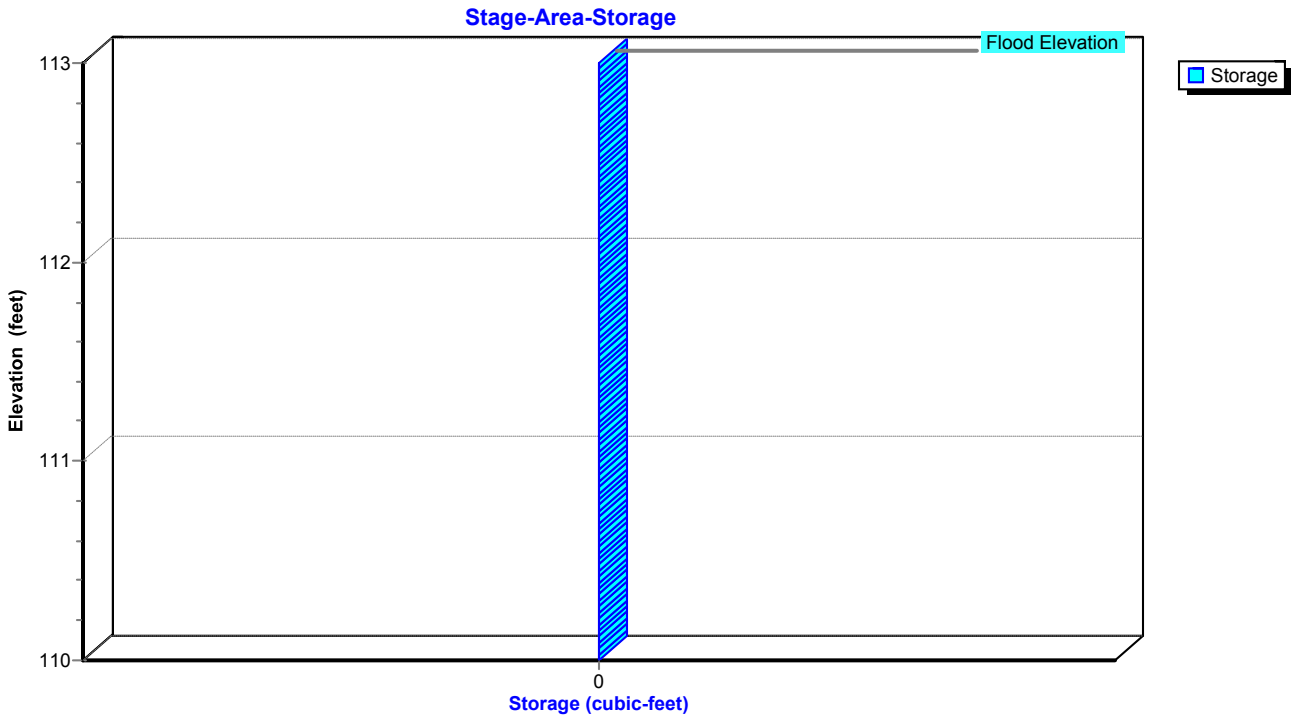
Device	Routing	Invert	Outlet Devices
#1	Primary	110.00'	**12.0" Round Culvert** L= 23.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 110.00' / 109.77' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.90 cfs @ 11.97 hrs HW=110.55' (Free Discharge)
1=Culvert (Inlet Controls 0.90 cfs @ 2.00 fps)

Pond 9P: PR CB #1



Pond 9P: PR CB #1



Stage-Area-Storage for Pond 9P: PR CB #1

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
110.00	**0**	111.06	0	112.12	0
110.02	0	111.08	0	112.14	0
110.04	0	111.10	0	112.16	0
110.06	0	111.12	0	112.18	0
110.08	0	111.14	0	112.20	0
110.10	0	111.16	0	112.22	0
110.12	0	111.18	0	112.24	0
110.14	0	111.20	0	112.26	0
110.16	0	111.22	0	112.28	0
110.18	0	111.24	0	112.30	0
110.20	0	111.26	0	112.32	0
110.22	0	111.28	0	112.34	0
110.24	0	111.30	0	112.36	0
110.26	0	111.32	0	112.38	0
110.28	0	111.34	0	112.40	0
110.30	0	111.36	0	112.42	0
110.32	0	111.38	0	112.44	0
110.34	0	111.40	0	112.46	0
110.36	0	111.42	0	112.48	0
110.38	0	111.44	0	112.50	0
110.40	0	111.46	0	112.52	0
110.42	0	111.48	0	112.54	0
110.44	0	111.50	0	112.56	0
110.46	0	111.52	0	112.58	0
110.48	0	111.54	0	112.60	0
110.50	0	111.56	0	112.62	0
110.52	0	111.58	0	112.64	0
110.54	0	111.60	0	112.66	0
110.56	0	111.62	0	112.68	0
110.58	0	111.64	0	112.70	0
110.60	0	111.66	0	112.72	0
110.62	0	111.68	0	112.74	0
110.64	0	111.70	0	112.76	0
110.66	0	111.72	0	112.78	0
110.68	0	111.74	0	112.80	0
110.70	0	111.76	0	112.82	0
110.72	0	111.78	0	112.84	0
110.74	0	111.80	0	112.86	0
110.76	0	111.82	0	112.88	0
110.78	0	111.84	0	112.90	0
110.80	0	111.86	0	112.92	0
110.82	0	111.88	0	112.94	0
110.84	0	111.90	0	112.96	0
110.86	0	111.92	0	112.98	0
110.88	0	111.94	0	113.00	0
110.90	0	111.96	0		
110.92	0	111.98	0		
110.94	0	112.00	0		
110.96	0	112.02	0		
110.98	0	112.04	0		
111.00	0	112.06	0		
111.02	0	112.08	0		
111.04	0	112.10	0		

Summary for Pond 10P: UGC-1

Inflow Area = 11,320 sf, 87.54% Impervious, Inflow Depth = 2.24" for 2-YEAR event
Inflow = 0.92 cfs @ 11.97 hrs, Volume= 2,117 cf
Outflow = 0.17 cfs @ 11.70 hrs, Volume= 2,117 cf, Atten= 82%, Lag= 0.0 min
Discarded = 0.17 cfs @ 11.70 hrs, Volume= 2,117 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 109.00' @ 12.16 hrs Surf.Area= 1,178 sf Storage= 586 cf

Plug-Flow detention time= 19.0 min calculated for 2,113 cf (100% of inflow)
Center-of-Mass det. time= 18.9 min (802.6 - 783.6)

Volume	Invert	Avail.Storage	Storage Description
#1A	108.00'	1,452 cf	**15.75'W x 74.82'L x 4.25'H Field A** 5,008 cf Overall - 1,378 cf Embedded = 3,630 cf x 40.0% Voids
#2A	108.75'	1,378 cf	**ADS_StormTech SC-740 +Cap** x 30 Inside #1 Effective Size= 44.6"W x 30.0"H => 6.45 sf x 7.12'L = 45.9 cf Overall Size= 51.0"W x 30.0"H x 7.56'L with 0.44' Overlap 3 Rows of 10 Chambers
		2,830 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	108.00'	**6.200 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.17 cfs @ 11.70 hrs HW=108.04' (Free Discharge)
↑└**1=Exfiltration** (Exfiltration Controls 0.17 cfs)

Pond 10P: UGC-1 - Chamber Wizard Field A

Chamber Model = ADS_StormTech SC-740 +Cap (ADS StormTech® SC-740 with cap length)
Effective Size= 44.6"W x 30.0"H => 6.45 sf x 7.12'L = 45.9 cf
Overall Size= 51.0"W x 30.0"H x 7.56'L with 0.44' Overlap

51.0" Wide + 6.0" Spacing = 57.0" C-C Row Spacing

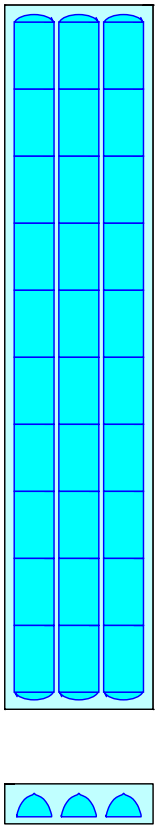
10 Chambers/Row x 7.12' Long +0.81' Cap Length x 2 = 72.82' Row Length +12.0" End Stone x 2 = 74.82' Base Length
3 Rows x 51.0" Wide + 6.0" Spacing x 2 + 12.0" Side Stone x 2 = 15.75' Base Width
9.0" Base + 30.0" Chamber Height + 12.0" Cover = 4.25' Field Height

30 Chambers x 45.9 cf = 1,378.2 cf Chamber Storage

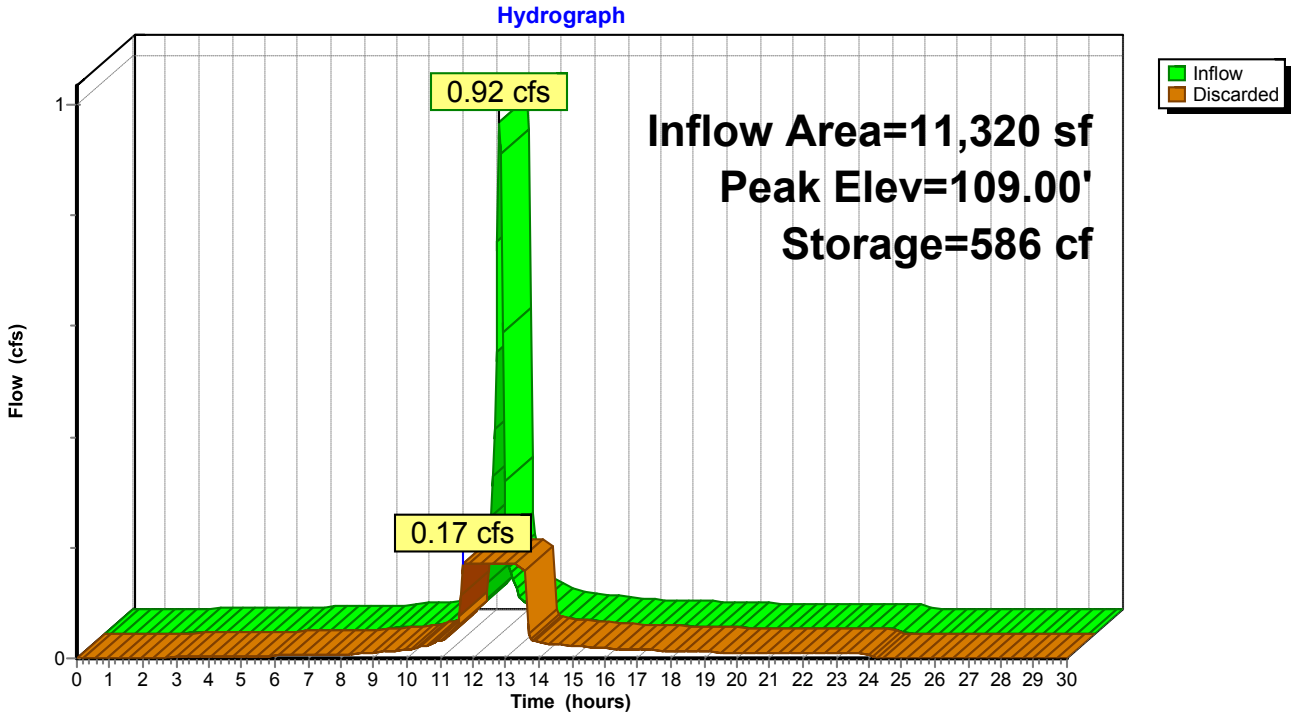
5,008.0 cf Field - 1,378.2 cf Chambers = 3,629.8 cf Stone x 40.0% Voids = 1,451.9 cf Stone Storage

Chamber Storage + Stone Storage = 2,830.1 cf = 0.065 af
Overall Storage Efficiency = 56.5%
Overall System Size = 74.82' x 15.75' x 4.25'

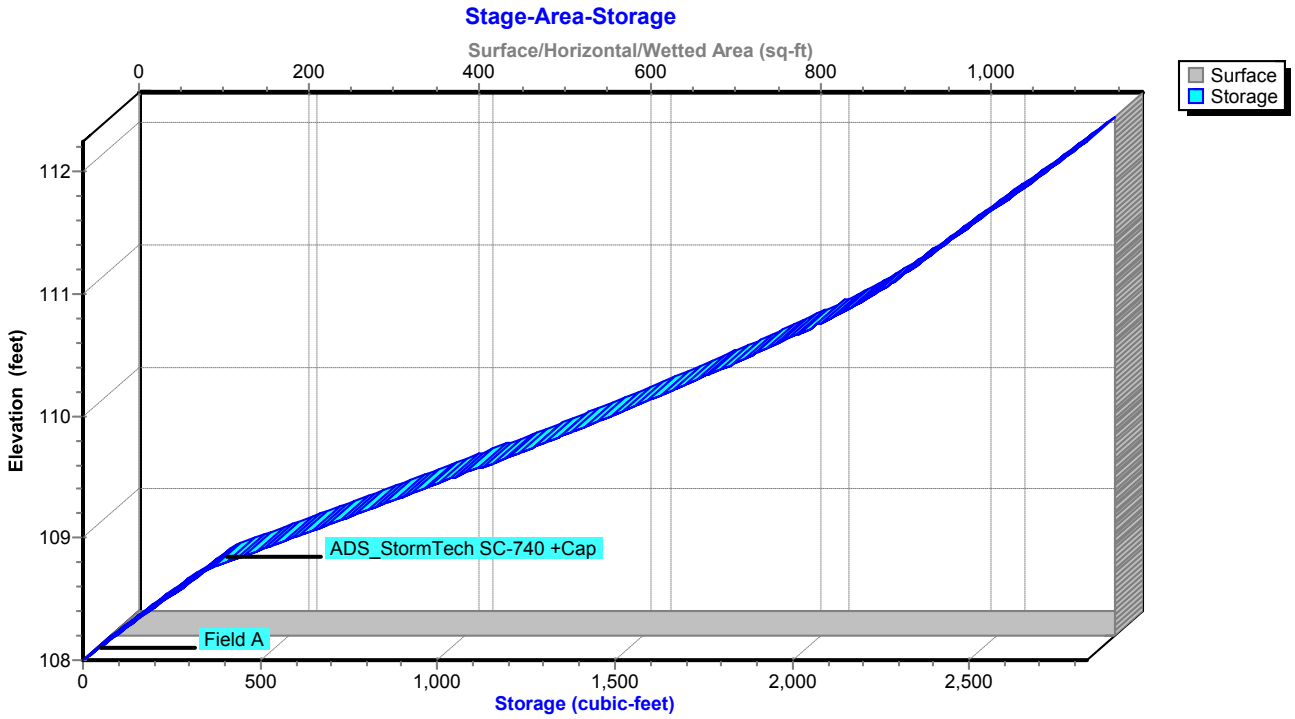
30 Chambers
185.5 cy Field
134.4 cy Stone



Pond 10P: UGC-1



Pond 10P: UGC-1



Stage-Area-Storage for Pond 10P: UGC-1

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
108.00	**1,178**	0
108.05	1,178	24
108.10	1,178	47
108.15	1,178	71
108.20	1,178	94
108.25	1,178	118
108.30	1,178	141
108.35	1,178	165
108.40	1,178	189
108.45	1,178	212
108.50	1,178	236
108.55	1,178	259
108.60	1,178	283
108.65	1,178	306
108.70	1,178	330
108.75	1,178	354
108.80	1,178	401
108.85	1,178	448
108.90	1,178	496
108.95	1,178	543
109.00	1,178	590
109.05	1,178	637
109.10	1,178	683
109.15	1,178	730
109.20	1,178	776
109.25	1,178	823
109.30	1,178	869
109.35	1,178	915
109.40	1,178	960
109.45	1,178	1,006
109.50	1,178	1,051
109.55	1,178	1,096
109.60	1,178	1,140
109.65	1,178	1,185
109.70	1,178	1,229
109.75	1,178	1,273
109.80	1,178	1,317
109.85	1,178	1,360
109.90	1,178	1,403
109.95	1,178	1,446
110.00	1,178	1,488
110.05	1,178	1,530
110.10	1,178	1,572
110.15	1,178	1,613
110.20	1,178	1,654
110.25	1,178	1,695
110.30	1,178	1,735
110.35	1,178	1,774
110.40	1,178	1,814
110.45	1,178	1,852
110.50	1,178	1,890
110.55	1,178	1,928
110.60	1,178	1,965
110.65	1,178	2,001
110.70	1,178	2,037
110.75	1,178	2,071
110.80	1,178	2,105
110.85	1,178	2,139
110.90	1,178	2,171
110.95	1,178	2,202
111.00	1,178	2,231
111.05	1,178	2,259
111.10	1,178	2,285
111.15	1,178	2,310
111.20	1,178	2,335
111.25	1,178	2,359
111.30	1,178	2,382
111.35	1,178	2,406
111.40	1,178	2,429
111.45	1,178	2,453
111.50	1,178	2,477
111.55	1,178	2,500
111.60	1,178	2,524
111.65	1,178	2,547
111.70	1,178	2,571
111.75	1,178	2,594
111.80	1,178	2,618
111.85	1,178	2,642
111.90	1,178	2,665
111.95	1,178	2,689
112.00	1,178	2,712
112.05	1,178	2,736
112.10	1,178	2,759
112.15	1,178	2,783
112.20	1,178	2,807
112.25	1,178	**2,830**

Summary for Pond 11P: PR CB #2

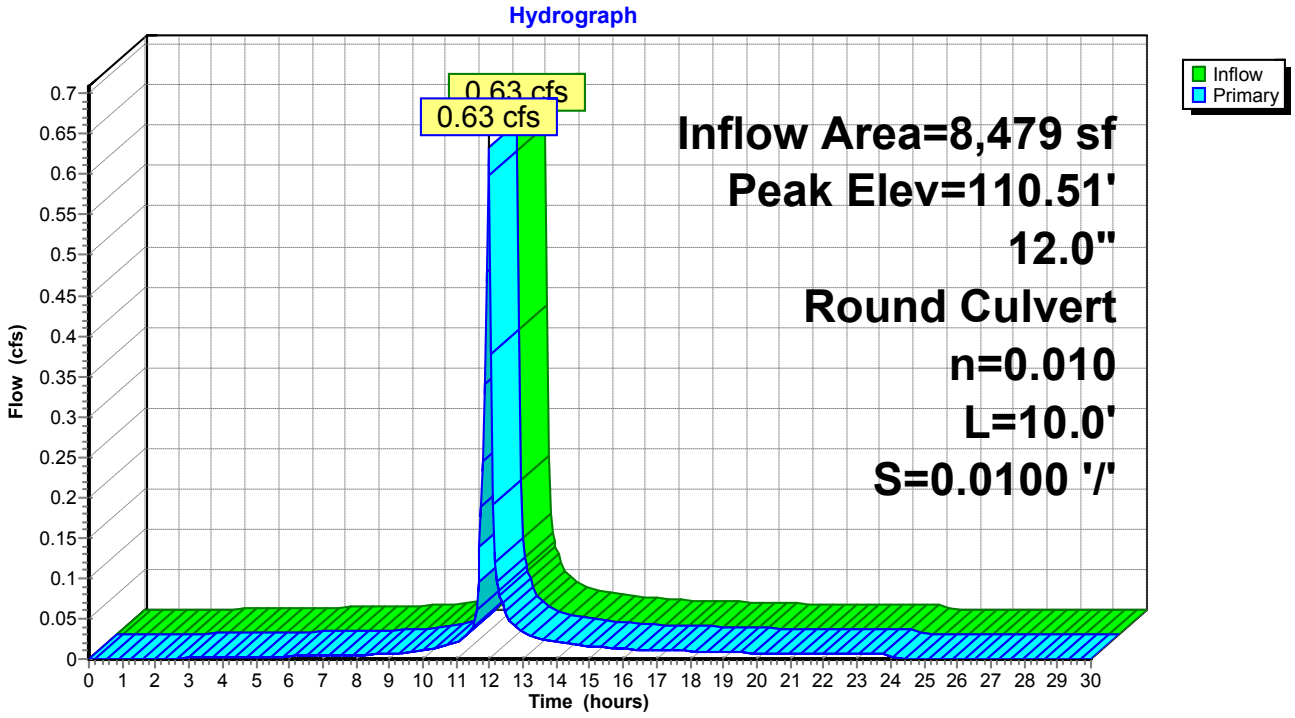
Inflow Area = 8,479 sf, 83.52% Impervious, Inflow Depth = 2.05" for 2-YEAR event
Inflow = 0.63 cfs @ 11.97 hrs, Volume= 1,446 cf
Outflow = 0.63 cfs @ 11.97 hrs, Volume= 1,446 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.63 cfs @ 11.97 hrs, Volume= 1,446 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.51' @ 11.97 hrs
Flood Elev= 113.14'

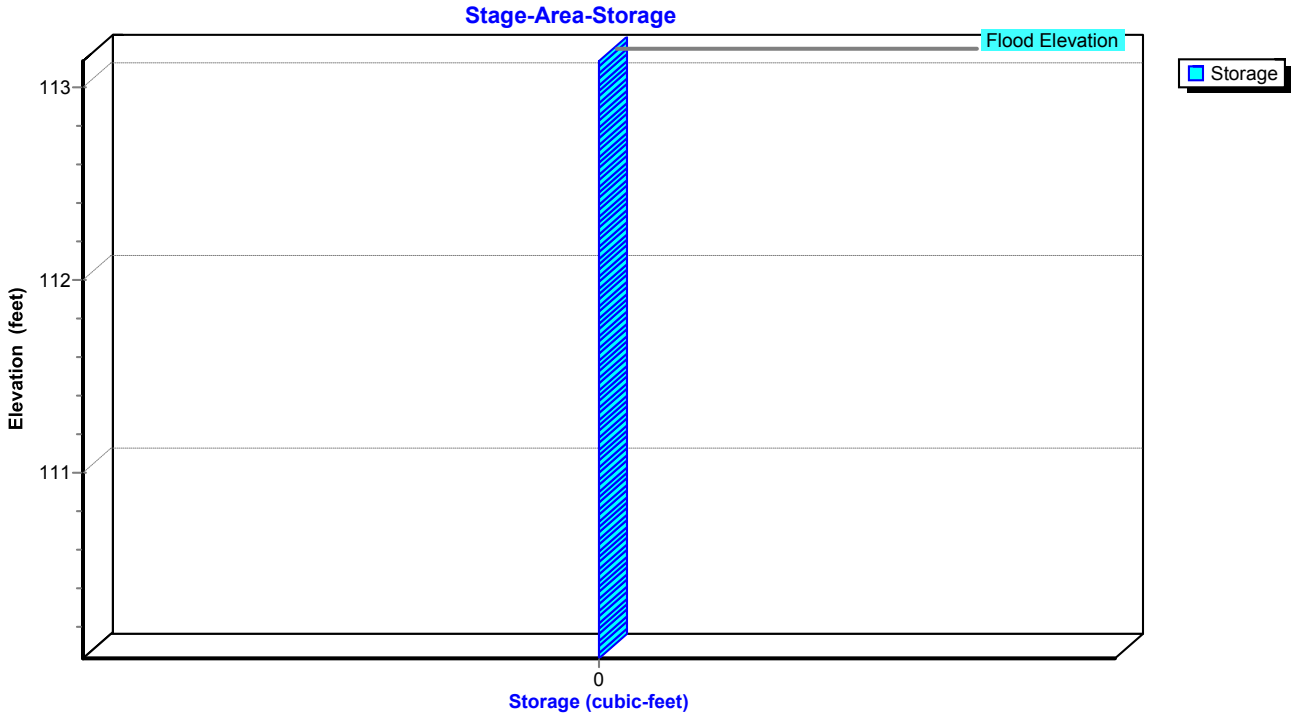
Device	Routing	Invert	Outlet Devices
#1	Primary	110.04'	**12.0" Round Culvert** L= 10.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 110.04' / 109.94' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.61 cfs @ 11.97 hrs HW=110.50' (Free Discharge)
1=Culvert (Barrel Controls 0.61 cfs @ 2.53 fps)

Pond 11P: PR CB #2



Pond 11P: PR CB #2



Stage-Area-Storage for Pond 11P: PR CB #2

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
110.04	**0**	111.10	0	112.16	0
110.06	0	111.12	0	112.18	0
110.08	0	111.14	0	112.20	0
110.10	0	111.16	0	112.22	0
110.12	0	111.18	0	112.24	0
110.14	0	111.20	0	112.26	0
110.16	0	111.22	0	112.28	0
110.18	0	111.24	0	112.30	0
110.20	0	111.26	0	112.32	0
110.22	0	111.28	0	112.34	0
110.24	0	111.30	0	112.36	0
110.26	0	111.32	0	112.38	0
110.28	0	111.34	0	112.40	0
110.30	0	111.36	0	112.42	0
110.32	0	111.38	0	112.44	0
110.34	0	111.40	0	112.46	0
110.36	0	111.42	0	112.48	0
110.38	0	111.44	0	112.50	0
110.40	0	111.46	0	112.52	0
110.42	0	111.48	0	112.54	0
110.44	0	111.50	0	112.56	0
110.46	0	111.52	0	112.58	0
110.48	0	111.54	0	112.60	0
110.50	0	111.56	0	112.62	0
110.52	0	111.58	0	112.64	0
110.54	0	111.60	0	112.66	0
110.56	0	111.62	0	112.68	0
110.58	0	111.64	0	112.70	0
110.60	0	111.66	0	112.72	0
110.62	0	111.68	0	112.74	0
110.64	0	111.70	0	112.76	0
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110.70	0	111.76	0	112.82	0
110.72	0	111.78	0	112.84	0
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110.78	0	111.84	0	112.90	0
110.80	0	111.86	0	112.92	0
110.82	0	111.88	0	112.94	0
110.84	0	111.90	0	112.96	0
110.86	0	111.92	0	112.98	0
110.88	0	111.94	0	113.00	0
110.90	0	111.96	0	113.02	0
110.92	0	111.98	0	113.04	0
110.94	0	112.00	0	113.06	0
110.96	0	112.02	0	113.08	0
110.98	0	112.04	0	113.10	0
111.00	0	112.06	0	113.12	0
111.02	0	112.08	0	113.14	0
111.04	0	112.10	0		
111.06	0	112.12	0		
111.08	0	112.14	0		

Summary for Pond 13P: PR CB #3

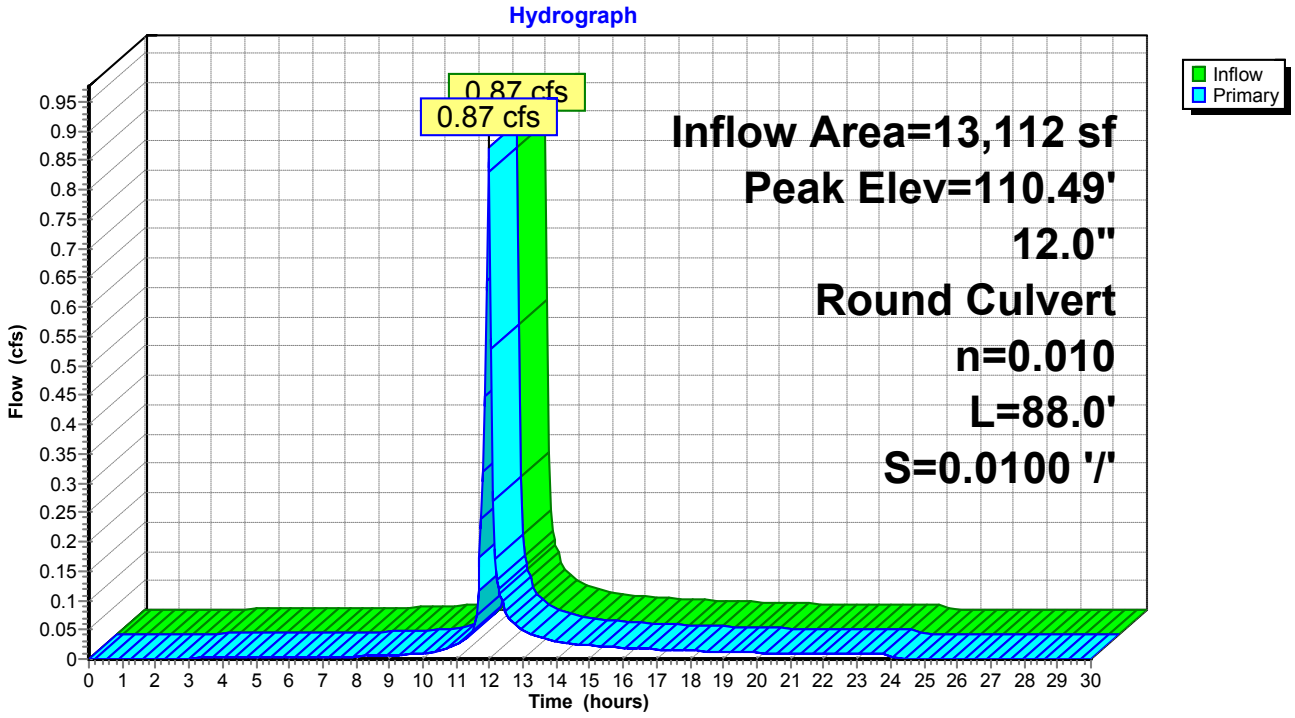
Inflow Area = 13,112 sf, 77.91% Impervious, Inflow Depth = 1.78" for 2-YEAR event
Inflow = 0.87 cfs @ 11.97 hrs, Volume= 1,950 cf
Outflow = 0.87 cfs @ 11.97 hrs, Volume= 1,950 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.87 cfs @ 11.97 hrs, Volume= 1,950 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.49' @ 11.97 hrs
Flood Elev= 113.14'

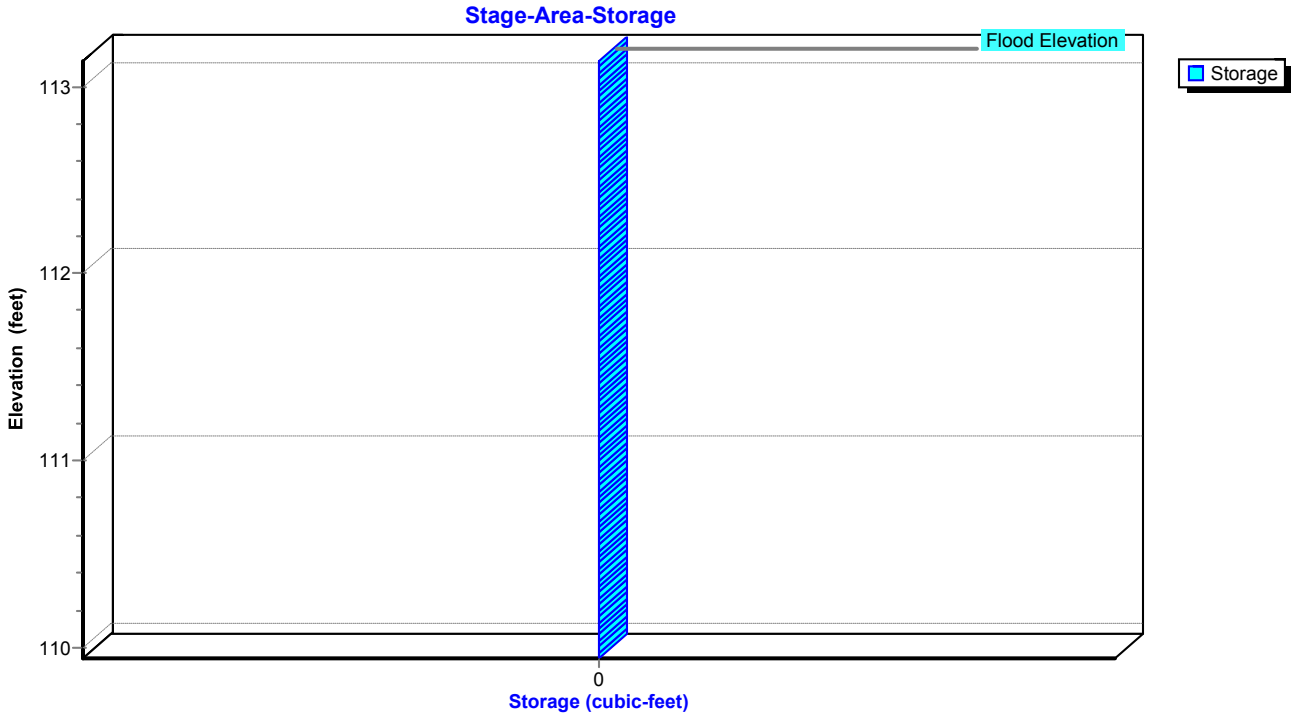
Device	Routing	Invert	Outlet Devices
#1	Primary	109.94'	**12.0" Round Culvert** L= 88.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 109.94' / 109.06' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.84 cfs @ 11.97 hrs HW=110.48' (Free Discharge)
1=Culvert (Inlet Controls 0.84 cfs @ 1.97 fps)

Pond 13P: PR CB #3



Pond 13P: PR CB #3



Stage-Area-Storage for Pond 13P: PR CB #3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
109.94	**0**	112.59	0
109.99	0	112.64	0
110.04	0	112.69	0
110.09	0	112.74	0
110.14	0	112.79	0
110.19	0	112.84	0
110.24	0	112.89	0
110.29	0	112.94	0
110.34	0	112.99	0
110.39	0	113.04	0
110.44	0	113.09	0
110.49	0	113.14	0
110.54	0		
110.59	0		
110.64	0		
110.69	0		
110.74	0		
110.79	0		
110.84	0		
110.89	0		
110.94	0		
110.99	0		
111.04	0		
111.09	0		
111.14	0		
111.19	0		
111.24	0		
111.29	0		
111.34	0		
111.39	0		
111.44	0		
111.49	0		
111.54	0		
111.59	0		
111.64	0		
111.69	0		
111.74	0		
111.79	0		
111.84	0		
111.89	0		
111.94	0		
111.99	0		
112.04	0		
112.09	0		
112.14	0		
112.19	0		
112.24	0		
112.29	0		
112.34	0		
112.39	0		
112.44	0		
112.49	0		
112.54	0		

Summary for Pond 15P: PR CB #4

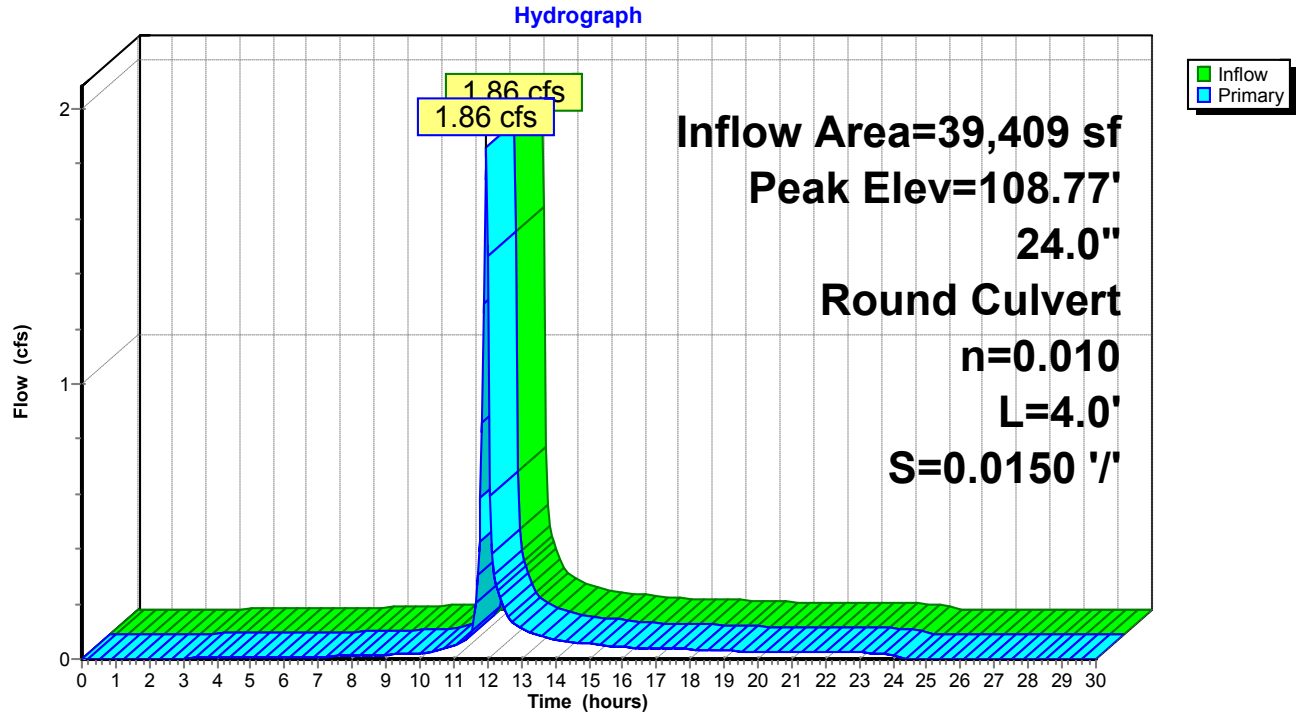
Inflow Area = 39,409 sf, 64.10% Impervious, Inflow Depth = 1.30" for 2-YEAR event
Inflow = 1.86 cfs @ 11.98 hrs, Volume= 4,281 cf
Outflow = 1.86 cfs @ 11.98 hrs, Volume= 4,281 cf, Atten= 0%, Lag= 0.0 min
Primary = 1.86 cfs @ 11.98 hrs, Volume= 4,281 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 108.77' @ 11.98 hrs
Flood Elev= 113.22'

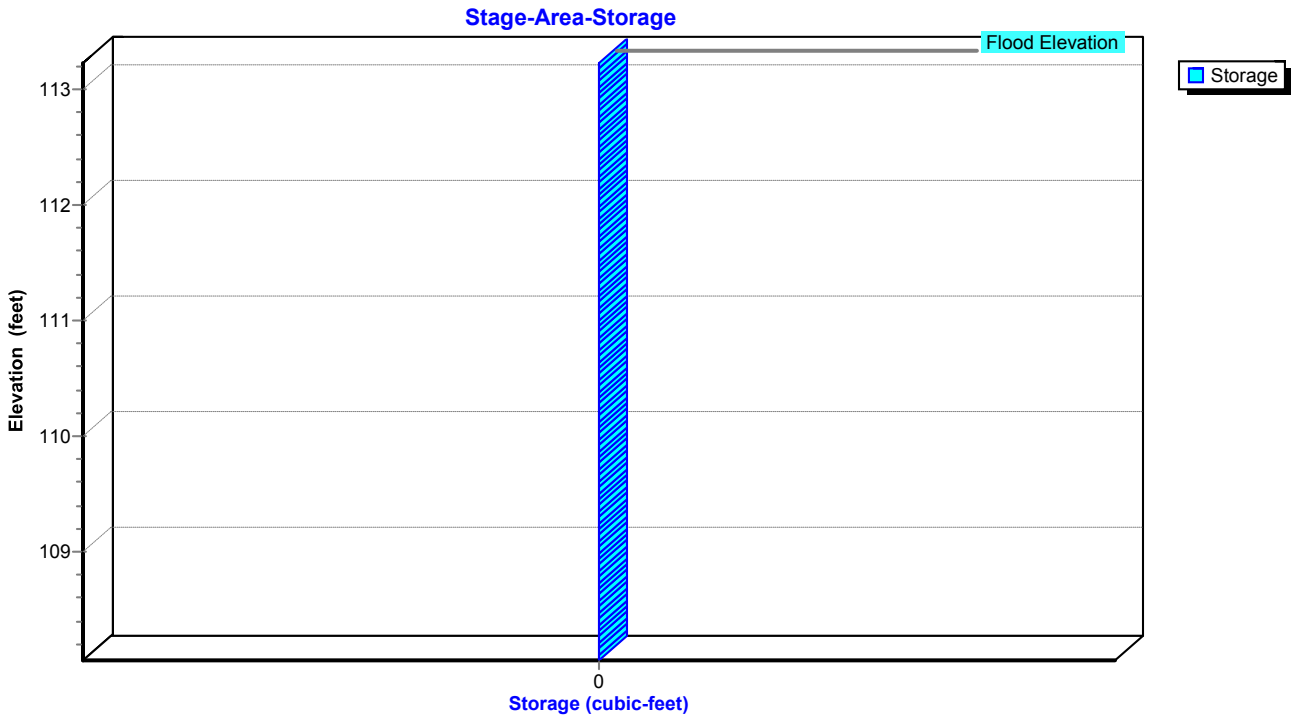
Device	Routing	Invert	Outlet Devices
#1	Primary	108.06'	**24.0" Round Culvert** L= 4.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.06' / 108.00' S= 0.0150 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 3.14 sf

Primary OutFlow Max=1.78 cfs @ 11.98 hrs HW=108.75' (Free Discharge)
1=Culvert (Barrel Controls 1.78 cfs @ 2.77 fps)

Pond 15P: PR CB #4



Pond 15P: PR CB #4



Stage-Area-Storage for Pond 15P: PR CB #4

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.06	**0**	110.18	0	112.30	0
108.10	0	110.22	0	112.34	0
108.14	0	110.26	0	112.38	0
108.18	0	110.30	0	112.42	0
108.22	0	110.34	0	112.46	0
108.26	0	110.38	0	112.50	0
108.30	0	110.42	0	112.54	0
108.34	0	110.46	0	112.58	0
108.38	0	110.50	0	112.62	0
108.42	0	110.54	0	112.66	0
108.46	0	110.58	0	112.70	0
108.50	0	110.62	0	112.74	0
108.54	0	110.66	0	112.78	0
108.58	0	110.70	0	112.82	0
108.62	0	110.74	0	112.86	0
108.66	0	110.78	0	112.90	0
108.70	0	110.82	0	112.94	0
108.74	0	110.86	0	112.98	0
108.78	0	110.90	0	113.02	0
108.82	0	110.94	0	113.06	0
108.86	0	110.98	0	113.10	0
108.90	0	111.02	0	113.14	0
108.94	0	111.06	0	113.18	0
108.98	0	111.10	0	113.22	0
109.02	0	111.14	0		
109.06	0	111.18	0		
109.10	0	111.22	0		
109.14	0	111.26	0		
109.18	0	111.30	0		
109.22	0	111.34	0		
109.26	0	111.38	0		
109.30	0	111.42	0		
109.34	0	111.46	0		
109.38	0	111.50	0		
109.42	0	111.54	0		
109.46	0	111.58	0		
109.50	0	111.62	0		
109.54	0	111.66	0		
109.58	0	111.70	0		
109.62	0	111.74	0		
109.66	0	111.78	0		
109.70	0	111.82	0		
109.74	0	111.86	0		
109.78	0	111.90	0		
109.82	0	111.94	0		
109.86	0	111.98	0		
109.90	0	112.02	0		
109.94	0	112.06	0		
109.98	0	112.10	0		
110.02	0	112.14	0		
110.06	0	112.18	0		
110.10	0	112.22	0		
110.14	0	112.26	0		

Summary for Pond 17P: UGC-2

Inflow Area = 39,409 sf, 64.10% Impervious, Inflow Depth = 1.30" for 2-YEAR event
Inflow = 1.86 cfs @ 11.98 hrs, Volume= 4,281 cf
Outflow = 1.17 cfs @ 11.90 hrs, Volume= 4,281 cf, Atten= 37%, Lag= 0.0 min
Discarded = 1.17 cfs @ 11.90 hrs, Volume= 4,281 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 107.42' @ 12.05 hrs Surf.Area= 1,609 sf Storage= 273 cf

Plug-Flow detention time= 1.0 min calculated for 4,274 cf (100% of inflow)
Center-of-Mass det. time= 1.0 min (814.3 - 813.2)

Volume	Invert	Avail.Storage	Storage Description
#1A	107.00'	2,478 cf	**22.92'W x 70.23'L x 5.75'H Field A** 9,254 cf Overall - 3,058 cf Embedded = 6,196 cf x 40.0% Voids
#2A	108.00'	3,058 cf	**ADS_StormTech MC-3500 d +Cap** x 27 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 3 Rows of 9 Chambers Cap Storage= +14.9 cf x 2 x 3 rows = 89.4 cf
		5,537 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	107.00'	**31.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=1.17 cfs @ 11.90 hrs HW=107.07' (Free Discharge)
1=Exfiltration (Exfiltration Controls 1.17 cfs)

Pond 17P: UGC-2 - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)
Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf
Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap
Cap Storage= +14.9 cf x 2 x 3 rows = 89.4 cf

77.0" Wide + 10.0" Spacing = 87.0" C-C Row Spacing

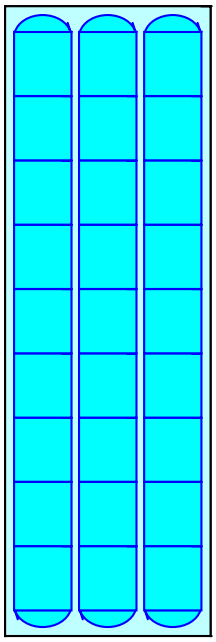
9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +12.0" End Stone x 2 = 70.23' Base Length
3 Rows x 77.0" Wide + 10.0" Spacing x 2 + 12.0" Side Stone x 2 = 22.92' Base Width
12.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.75' Field Height

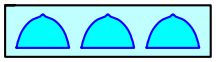
27 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 3 Rows = 3,058.1 cf Chamber Storage

9,254.3 cf Field - 3,058.1 cf Chambers = 6,196.2 cf Stone x 40.0% Voids = 2,478.5 cf Stone Storage

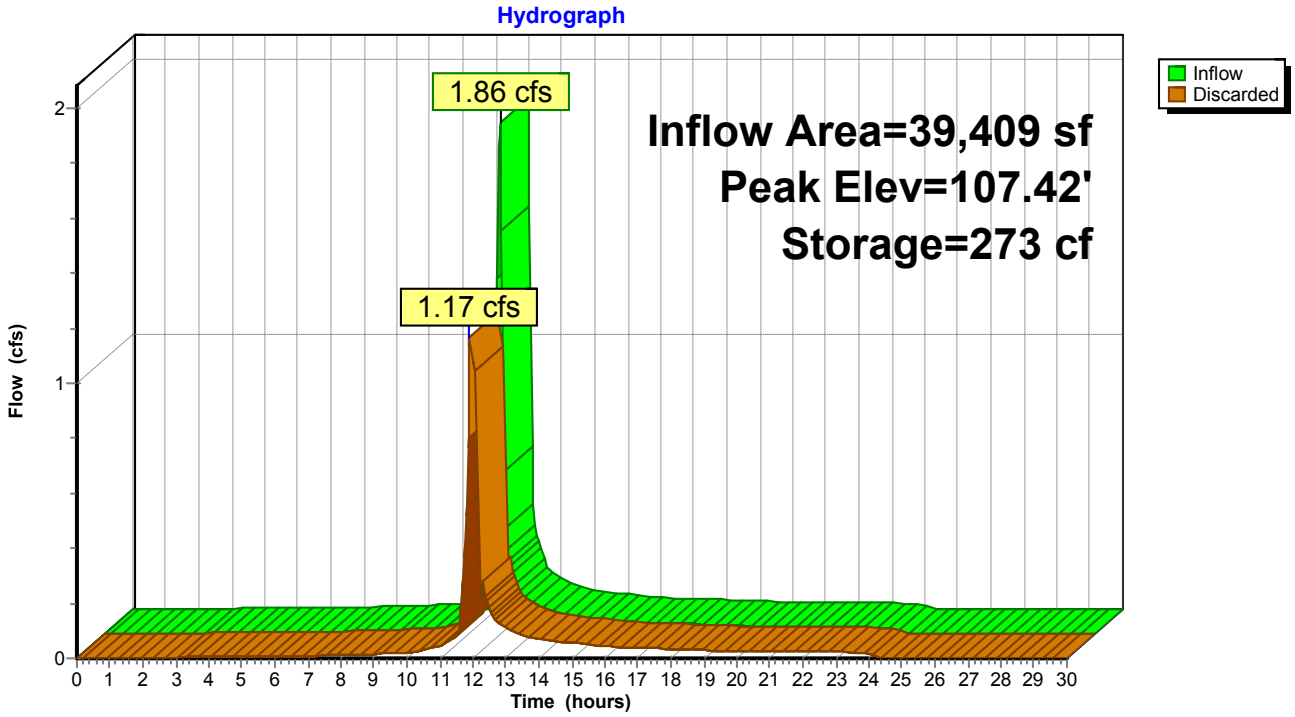
Chamber Storage + Stone Storage = 5,536.6 cf = 0.127 af
Overall Storage Efficiency = 59.8%
Overall System Size = 70.23' x 22.92' x 5.75'

27 Chambers
342.8 cy Field
229.5 cy Stone

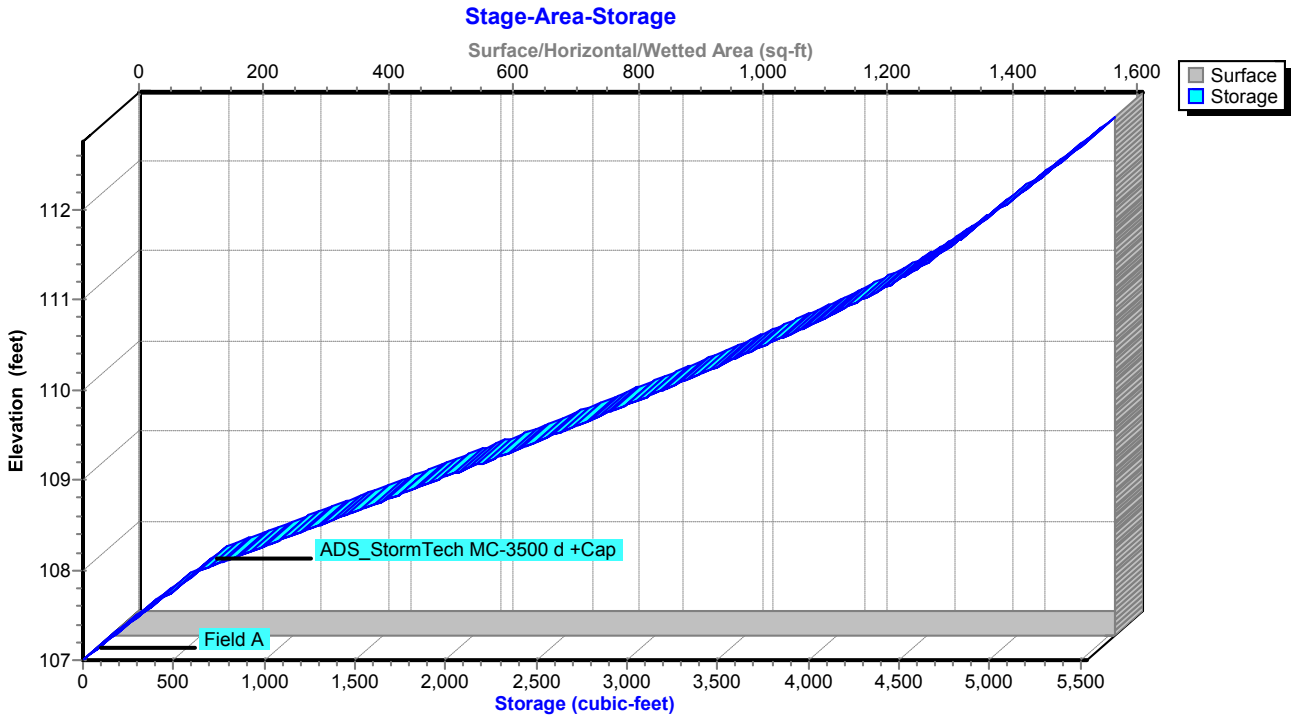




Pond 17P: UGC-2



Pond 17P: UGC-2



Stage-Area-Storage for Pond 17P: UGC-2

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
107.00	**1,609**	0
107.10	1,609	64
107.20	1,609	129
107.30	1,609	193
107.40	1,609	258
107.50	1,609	322
107.60	1,609	386
107.70	1,609	451
107.80	1,609	515
107.90	1,609	579
108.00	1,609	644
108.10	1,609	778
108.20	1,609	912
108.30	1,609	1,046
108.40	1,609	1,178
108.50	1,609	1,311
108.60	1,609	1,443
108.70	1,609	1,574
108.80	1,609	1,704
108.90	1,609	1,834
109.00	1,609	1,963
109.10	1,609	2,092
109.20	1,609	2,219
109.30	1,609	2,346
109.40	1,609	2,472
109.50	1,609	2,597
109.60	1,609	2,720
109.70	1,609	2,843
109.80	1,609	2,965
109.90	1,609	3,085
110.00	1,609	3,204
110.10	1,609	3,321
110.20	1,609	3,437
110.30	1,609	3,551
110.40	1,609	3,664
110.50	1,609	3,775
110.60	1,609	3,884
110.70	1,609	3,990
110.80	1,609	4,094
110.90	1,609	4,196
111.00	1,609	4,295
111.10	1,609	4,390
111.20	1,609	4,482
111.30	1,609	4,569
111.40	1,609	4,649
111.50	1,609	4,723
111.60	1,609	4,793
111.70	1,609	4,860
111.80	1,609	4,925
111.90	1,609	4,989
112.00	1,609	5,054
112.10	1,609	5,118
112.20	1,609	5,182
112.30	1,609	5,247
112.40	1,609	5,311
112.50	1,609	5,376
112.60	1,609	5,440
112.70	1,609	**5,504**

Summary for Pond DP-3: DP-3

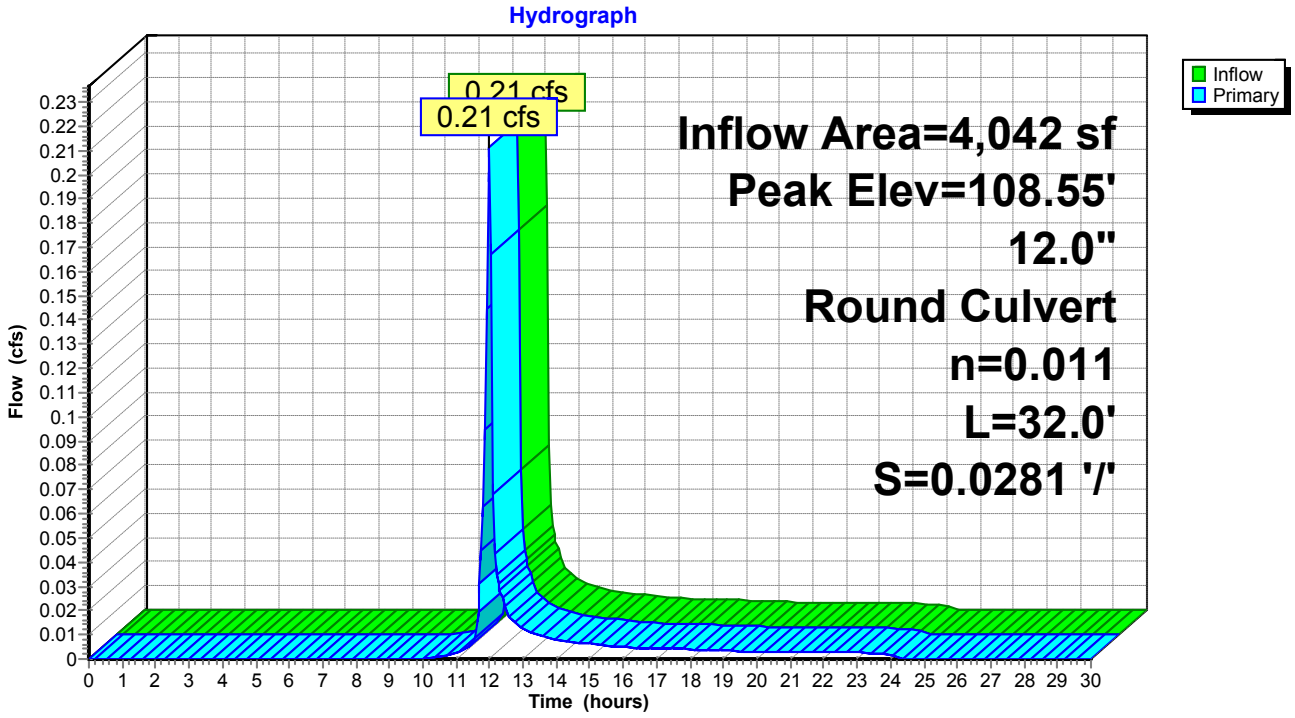
Inflow Area = 4,042 sf, 67.84% Impervious, Inflow Depth = 1.31" for 2-YEAR event
Inflow = 0.21 cfs @ 11.98 hrs, Volume= 440 cf
Outflow = 0.21 cfs @ 11.98 hrs, Volume= 440 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.21 cfs @ 11.98 hrs, Volume= 440 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 108.55' @ 11.98 hrs
Flood Elev= 112.38'

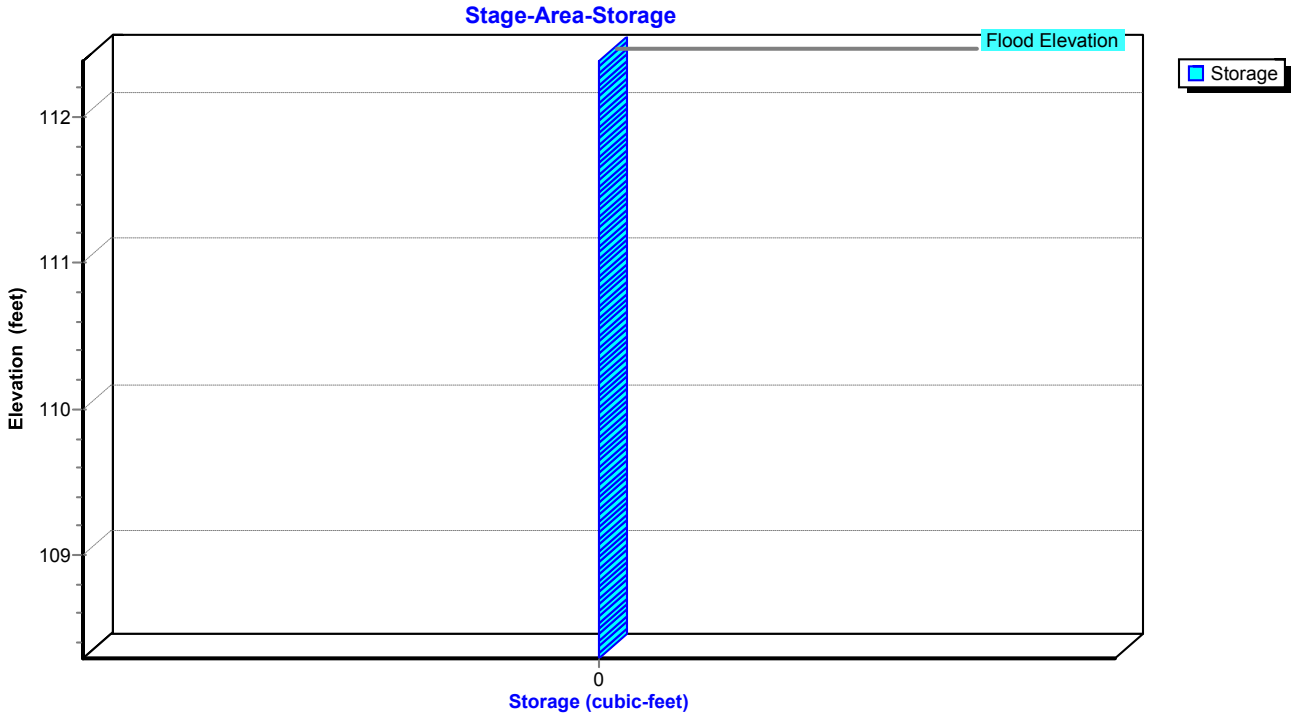
Device	Routing	Invert	Outlet Devices
#1	Primary	108.30'	**12.0" Round Culvert** L= 32.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.30' / 107.40' S= 0.0281 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 0.79 sf

Primary OutFlow Max=0.20 cfs @ 11.98 hrs HW=108.55' (Free Discharge)
1=Culvert (Inlet Controls 0.20 cfs @ 1.34 fps)

Pond DP-3: DP-3



Pond DP-3: DP-3


Stage-Area-Storage
Flood Elevation
Storage
112
111
110
109
Elevation (feet)
0
Storage (cubic-feet)

Stage-Area-Storage for Pond DP-3: DP-3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.30	**0**	110.95	0
108.35	0	111.00	0
108.40	0	111.05	0
108.45	0	111.10	0
108.50	0	111.15	0
108.55	0	111.20	0
108.60	0	111.25	0
108.65	0	111.30	0
108.70	0	111.35	0
108.75	0	111.40	0
108.80	0	111.45	0
108.85	0	111.50	0
108.90	0	111.55	0
108.95	0	111.60	0
109.00	0	111.65	0
109.05	0	111.70	0
109.10	0	111.75	0
109.15	0	111.80	0
109.20	0	111.85	0
109.25	0	111.90	0
109.30	0	111.95	0
109.35	0	112.00	0
109.40	0	112.05	0
109.45	0	112.10	0
109.50	0	112.15	0
109.55	0	112.20	0
109.60	0	112.25	0
109.65	0	112.30	0
109.70	0	112.35	0
109.75	0		
109.80	0		
109.85	0		
109.90	0		
109.95	0		
110.00	0		
110.05	0		
110.10	0		
110.15	0		
110.20	0		
110.25	0		
110.30	0		
110.35	0		
110.40	0		
110.45	0		
110.50	0		
110.55	0		
110.60	0		
110.65	0		
110.70	0		
110.75	0		
110.80	0		
110.85	0		
110.90	0		

Time span=0.00-30.00 hrs, dt=0.05 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA-1: DA-1 Runoff Area=33,352 sf 61.72% Impervious Runoff Depth=2.53"
Tc=6.0 min CN=79 Runoff=3.32 cfs 7,027 cf

Subcatchment DA-10: DA-10 Runoff Area=4,891 sf 100.00% Impervious Runoff Depth=4.44"
Tc=6.0 min CN=98 Runoff=0.73 cfs 1,811 cf

Subcatchment DA-11: DA-11 Runoff Area=3,220 sf 100.00% Impervious Runoff Depth=4.44"
Tc=6.0 min CN=98 Runoff=0.48 cfs 1,192 cf

Subcatchment DA-2: DA-2 Runoff Area=5,279 sf 65.56% Impervious Runoff Depth=2.44"
Tc=6.0 min CN=78 Runoff=0.51 cfs 1,074 cf

Subcatchment DA-3: DA-3 Runoff Area=4,042 sf 67.84% Impervious Runoff Depth=2.53"
Tc=6.0 min CN=79 Runoff=0.40 cfs 852 cf

Subcatchment DA-4: DA-4 Runoff Area=21,677 sf 48.09% Impervious Runoff Depth=1.58"
Tc=6.0 min CN=67 Runoff=1.36 cfs 2,861 cf

Subcatchment DA-5: DA-5 Runoff Area=4,633 sf 67.65% Impervious Runoff Depth=2.53"
Tc=6.0 min CN=79 Runoff=0.46 cfs 976 cf

Subcatchment DA-6: DA-6 Runoff Area=5,259 sf 73.44% Impervious Runoff Depth=2.79"
Tc=6.0 min CN=82 Runoff=0.57 cfs 1,225 cf

Subcatchment DA-7: DA-7 Runoff Area=6,429 sf 78.05% Impervious Runoff Depth=3.07"
Tc=6.0 min CN=85 Runoff=0.76 cfs 1,647 cf

Subcatchment DA-8: DA-8 Runoff Area=8,036 sf 62.98% Impervious Runoff Depth=2.27"
Tc=6.0 min CN=76 Runoff=0.72 cfs 1,523 cf

Subcatchment DA-9: DA-9 Runoff Area=4,620 sf 100.00% Impervious Runoff Depth=4.44"
Tc=6.0 min CN=98 Runoff=0.69 cfs 1,711 cf

Reach DP-1: DP-1 Inflow=3.32 cfs 7,027 cf
Outflow=3.32 cfs 7,027 cf

Reach DP-4: DP-4 Inflow=0.72 cfs 1,523 cf
Outflow=0.72 cfs 1,523 cf

Pond 1P: PR CB#5 Peak Elev=112.33' Inflow=0.51 cfs 1,074 cf
18.0" Round Culvert n=0.012 L=45.0' S=0.0100 '/' Outflow=0.51 cfs 1,074 cf

Pond 9P: PR CB #1 Peak Elev=110.76' Inflow=1.49 cfs 3,458 cf
12.0" Round Culvert n=0.010 L=23.0' S=0.0100 '/' Outflow=1.49 cfs 3,458 cf

Pond 10P: UGC-1 Peak Elev=109.63' Storage=1,163 cf Inflow=1.49 cfs 3,458 cf
Outflow=0.17 cfs 3,458 cf

Pond 11P: PR CB #2 Peak Elev=110.68' Inflow=1.05 cfs 2,417 cf
12.0" Round Culvert n=0.010 L=10.0' S=0.0100 '/' Outflow=1.05 cfs 2,417 cf

Pond 13P: PR CB #3 Peak Elev=110.70' Inflow=1.51 cfs 3,393 cf
12.0" Round Culvert n=0.010 L=88.0' S=0.0100 '/' Outflow=1.51 cfs 3,393 cf

Pond 15P: PR CB #4 Peak Elev=109.07' Inflow=3.53 cfs 7,965 cf
24.0" Round Culvert n=0.010 L=4.0' S=0.0150 '/' Outflow=3.53 cfs 7,965 cf

Pond 17P: UGC-2 Peak Elev=108.56' Storage=1,391 cf Inflow=3.53 cfs 7,965 cf
Outflow=1.17 cfs 7,965 cf

Pond DP-3: DP-3 Peak Elev=108.66' Inflow=0.40 cfs 852 cf
12.0" Round Culvert n=0.011 L=32.0' S=0.0281 '/' Outflow=0.40 cfs 852 cf

Total Runoff Area = 101,438 sf Runoff Volume = 21,899 cf Average Runoff Depth = 2.59"
33.93% Pervious = 34,420 sf 66.07% Impervious = 67,018 sf

Summary for Subcatchment DA-1: DA-1

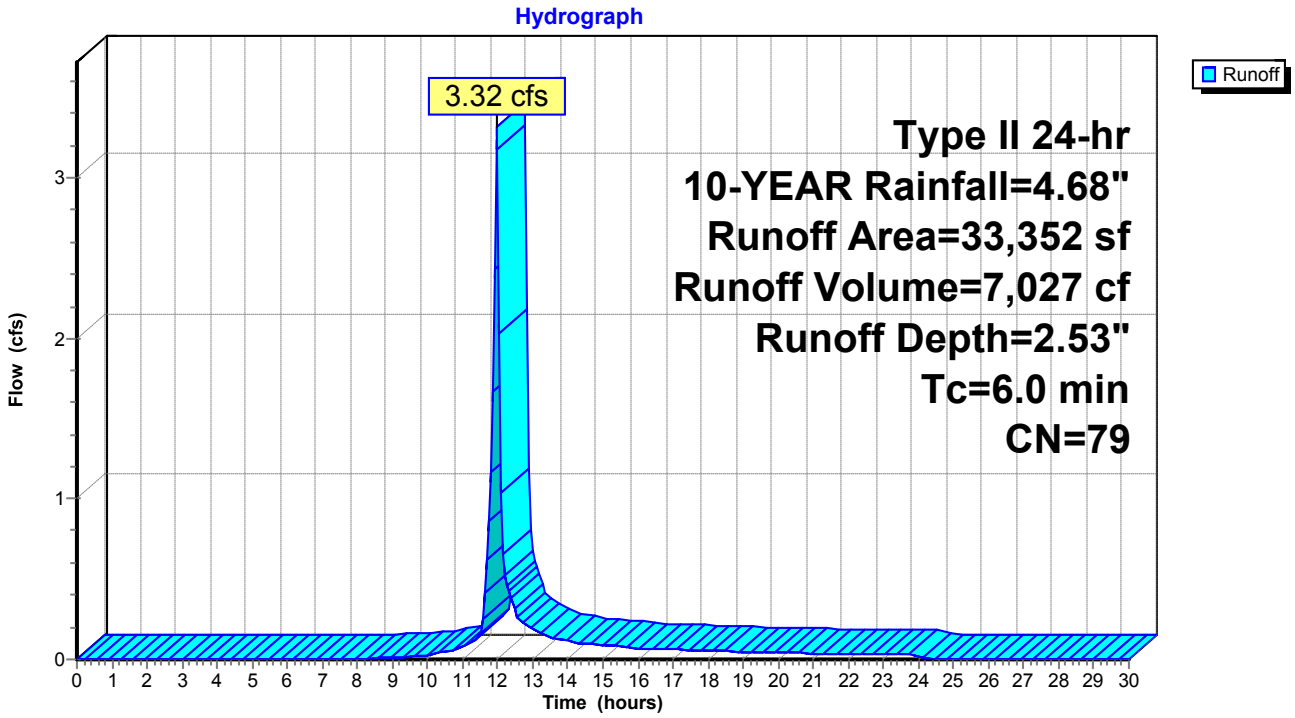
Runoff = 3.32 cfs @ 11.97 hrs, Volume= 7,027 cf, Depth= 2.53"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
12,767	49	50-75% Grass cover, Fair, HSG A
20,585	98	Paved parking, HSG A
33,352	79	Weighted Average
12,767		38.28% Pervious Area
20,585		61.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-1: DA-1



Summary for Subcatchment DA-10: DA-10

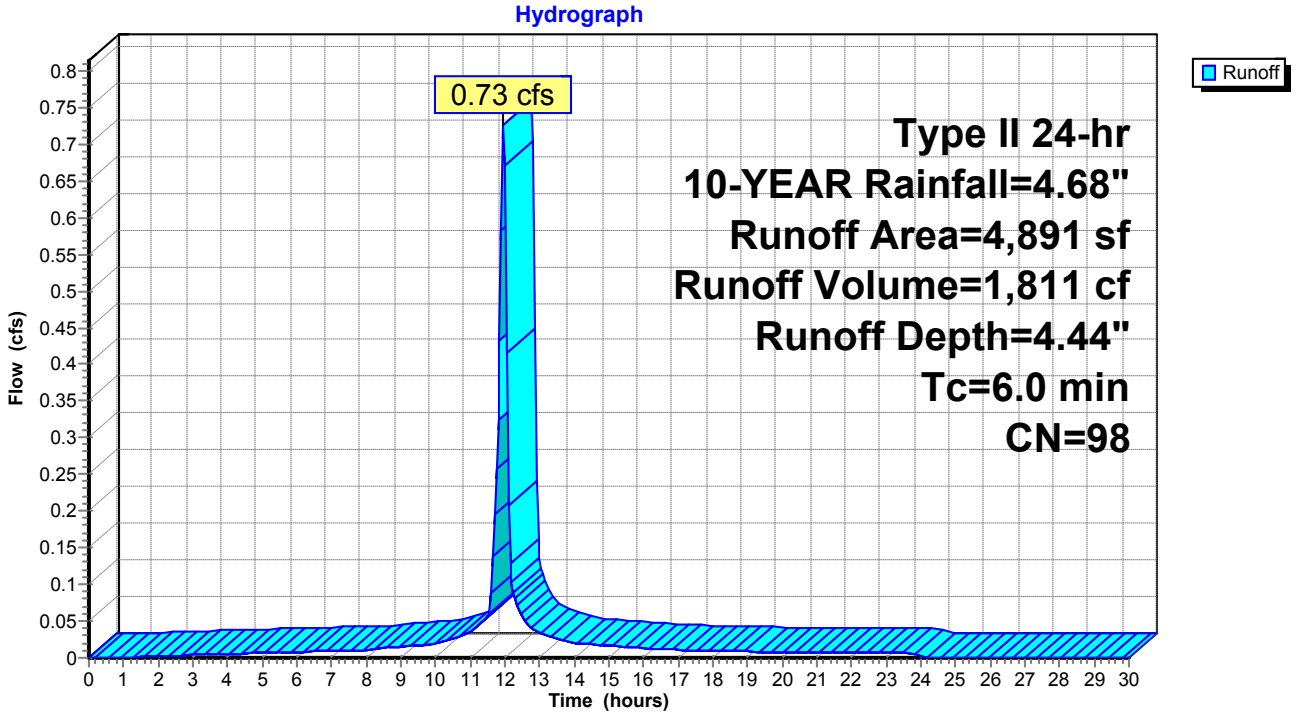
Runoff = 0.73 cfs @ 11.96 hrs, Volume= 1,811 cf, Depth= 4.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
4,891	98	Roofs, HSG A
4,891		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-10: DA-10



Summary for Subcatchment DA-11: DA-11

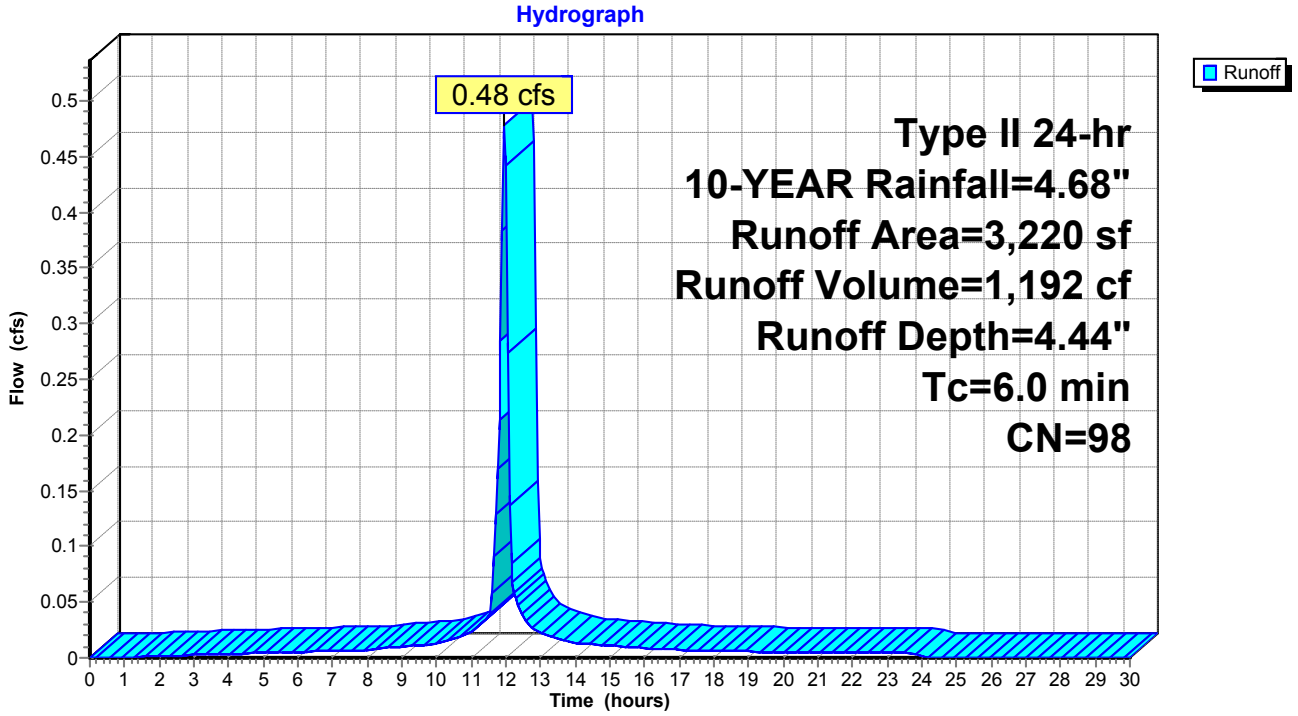
Runoff = 0.48 cfs @ 11.96 hrs, Volume= 1,192 cf, Depth= 4.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
3,220	98	Roofs, HSG A
3,220		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-11: DA-11



Summary for Subcatchment DA-2: DA-2

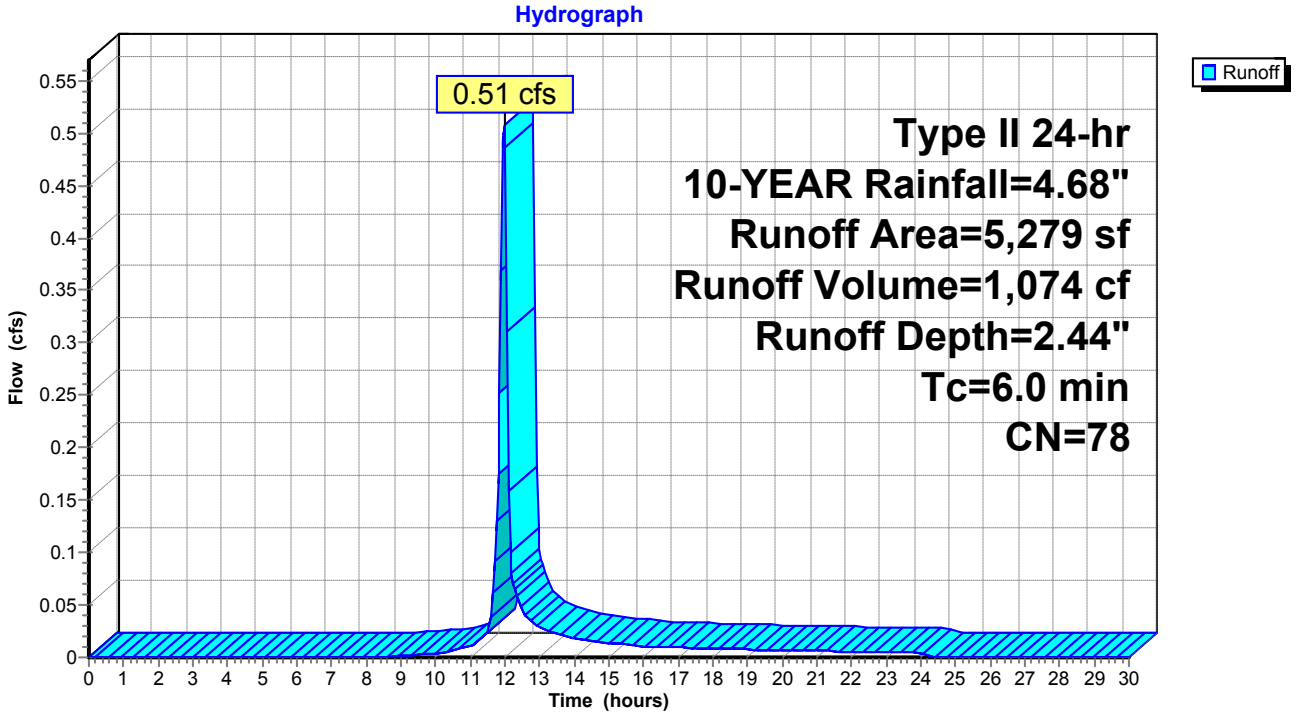
Runoff = 0.51 cfs @ 11.97 hrs, Volume= 1,074 cf, Depth= 2.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
1,818	39	>75% Grass cover, Good, HSG A
3,461	98	Paved parking, HSG A
5,279	78	Weighted Average
1,818		34.44% Pervious Area
3,461		65.56% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-2: DA-2



Summary for Subcatchment DA-3: DA-3

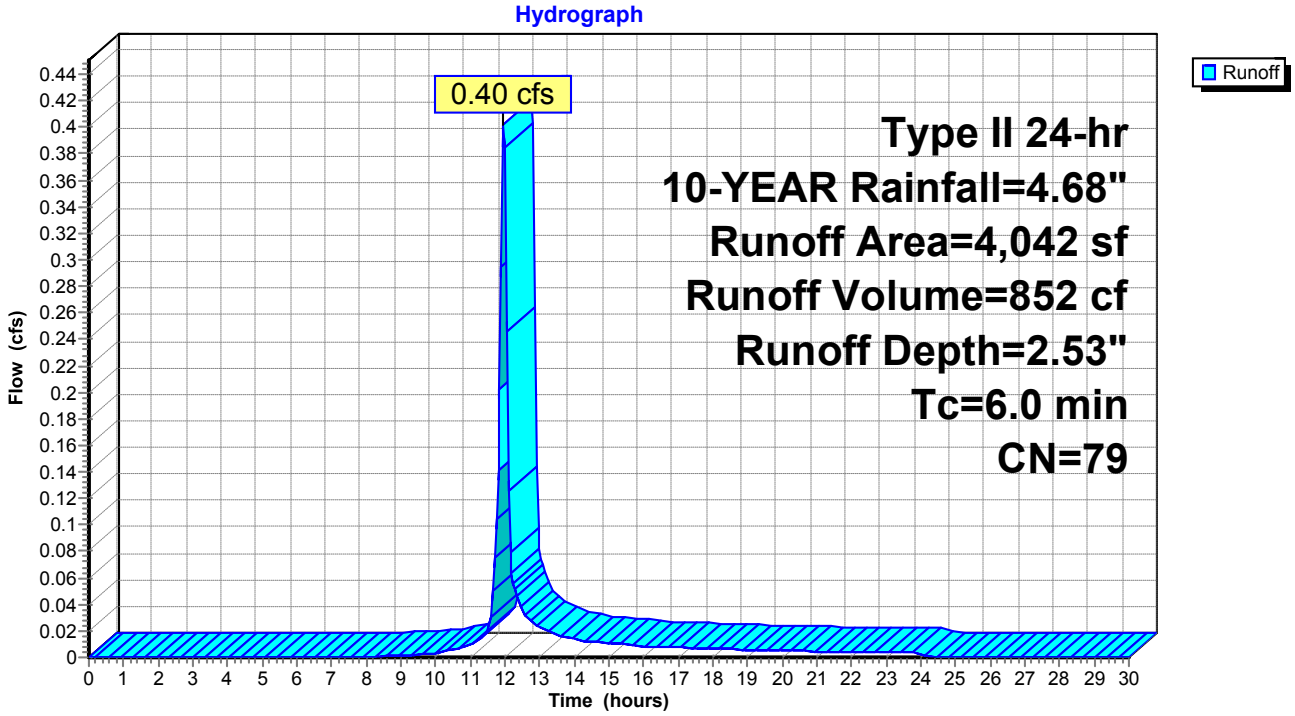
Runoff = 0.40 cfs @ 11.97 hrs, Volume= 852 cf, Depth= 2.53"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
1,300	39	>75% Grass cover, Good, HSG A
2,742	98	Paved parking, HSG A
4,042	79	Weighted Average
1,300		32.16% Pervious Area
2,742		67.84% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-3: DA-3



Summary for Subcatchment DA-4: DA-4

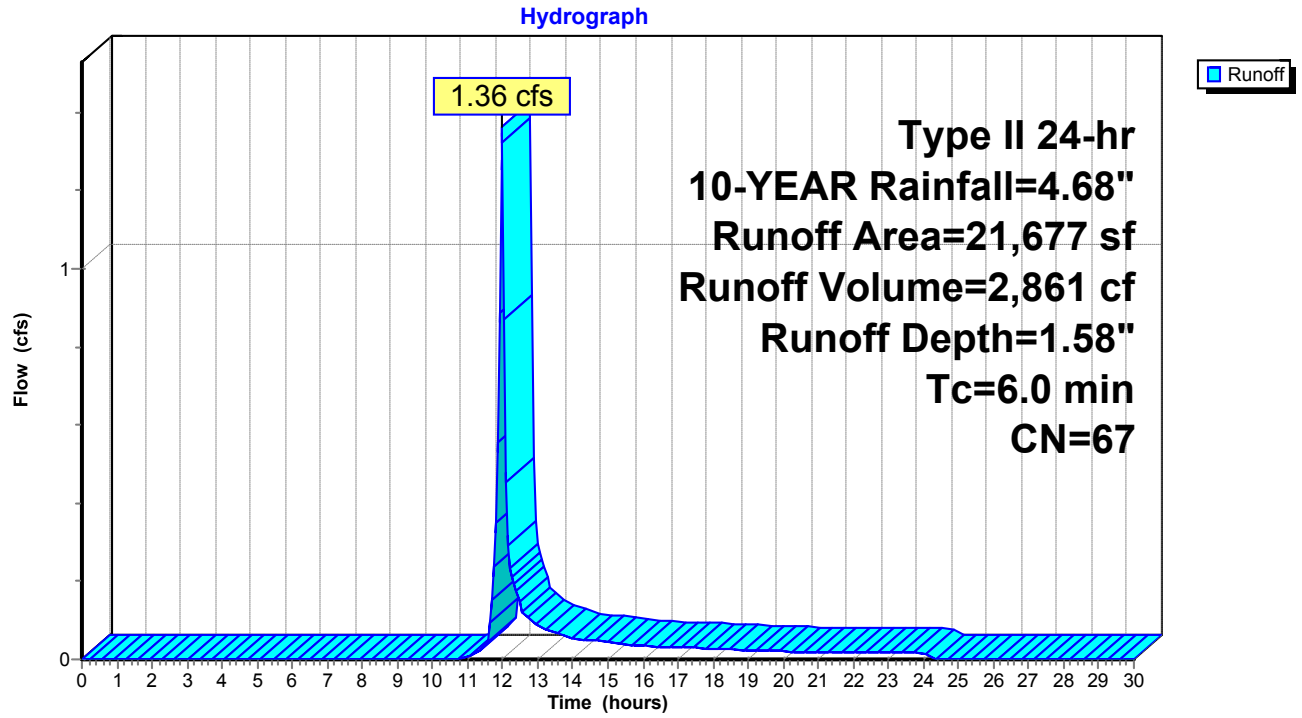
Runoff = 1.36 cfs @ 11.98 hrs, Volume= 2,861 cf, Depth= 1.58"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
11,253	39	>75% Grass cover, Good, HSG A
10,424	98	Paved parking, HSG A
21,677	67	Weighted Average
11,253		51.91% Pervious Area
10,424		48.09% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-4: DA-4



Summary for Subcatchment DA-5: DA-5

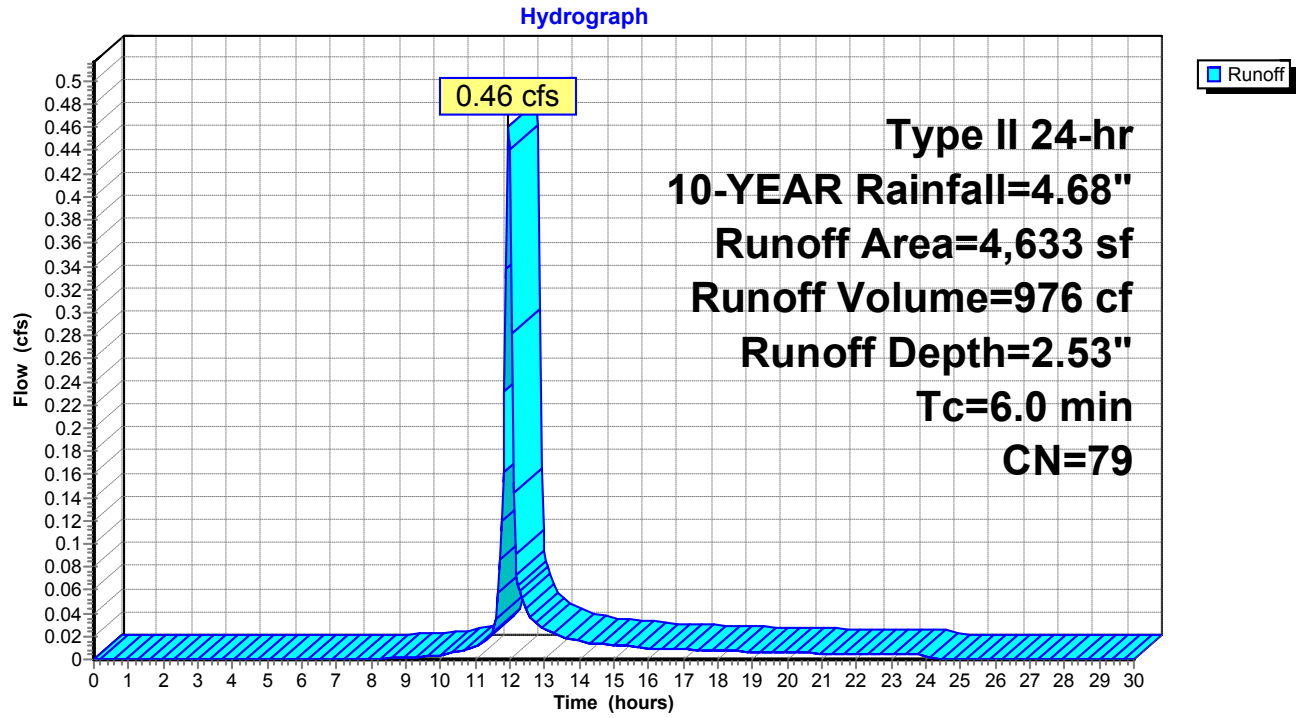
Runoff = 0.46 cfs @ 11.97 hrs, Volume= 976 cf, Depth= 2.53"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
1,499	39	>75% Grass cover, Good, HSG A
3,134	98	Paved parking, HSG A
4,633	79	Weighted Average
1,499		32.35% Pervious Area
3,134		67.65% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-5: DA-5



Summary for Subcatchment DA-6: DA-6

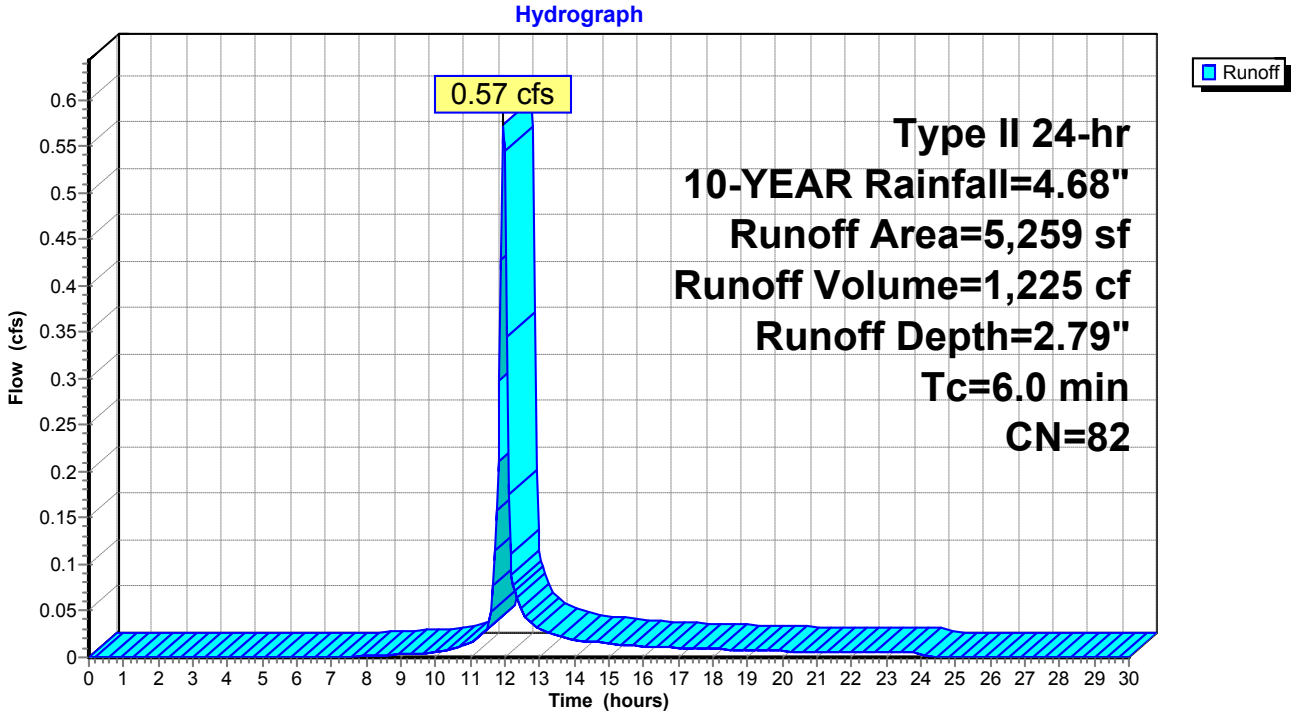
Runoff = 0.57 cfs @ 11.97 hrs, Volume= 1,225 cf, Depth= 2.79"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
1,397	39	>75% Grass cover, Good, HSG A
3,862	98	Paved parking, HSG A
5,259	82	Weighted Average
1,397		26.56% Pervious Area
3,862		73.44% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-6: DA-6



Summary for Subcatchment DA-7: DA-7

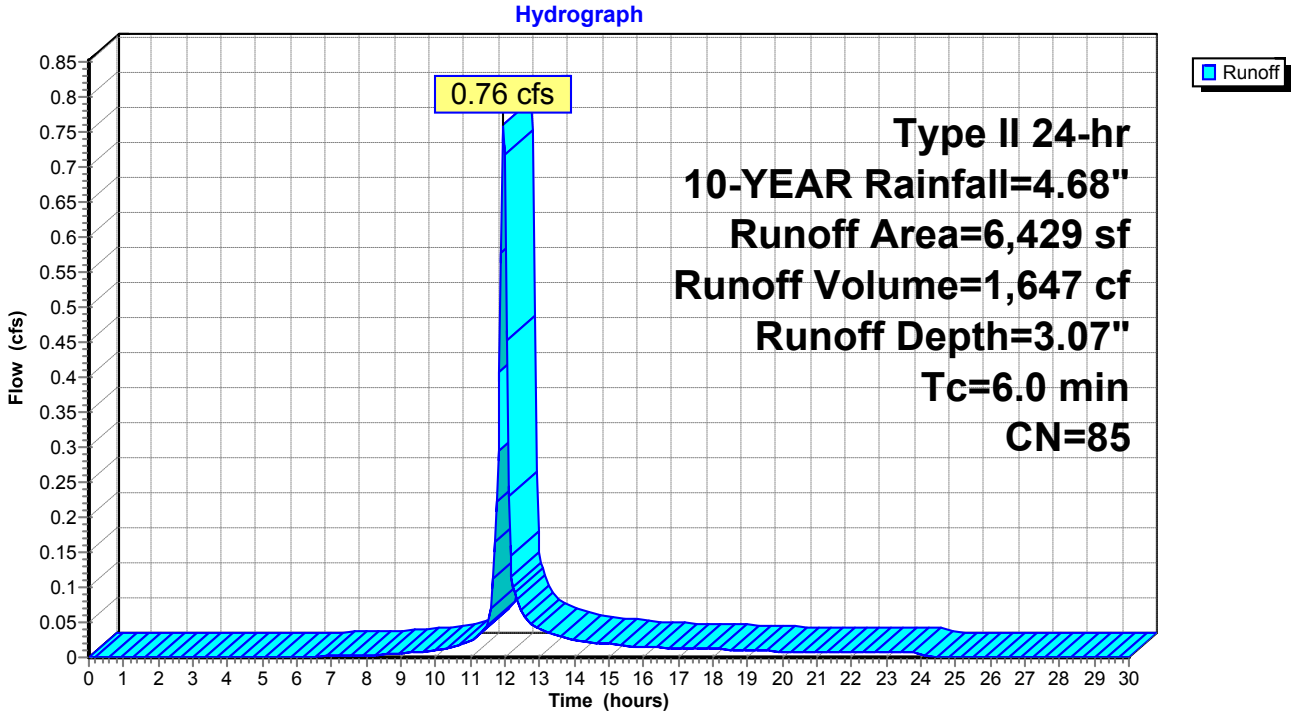
Runoff = 0.76 cfs @ 11.97 hrs, Volume= 1,647 cf, Depth= 3.07"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
1,411	39	>75% Grass cover, Good, HSG A
5,018	98	Paved parking, HSG A
6,429	85	Weighted Average
1,411		21.95% Pervious Area
5,018		78.05% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-7: DA-7



Summary for Subcatchment DA-8: DA-8

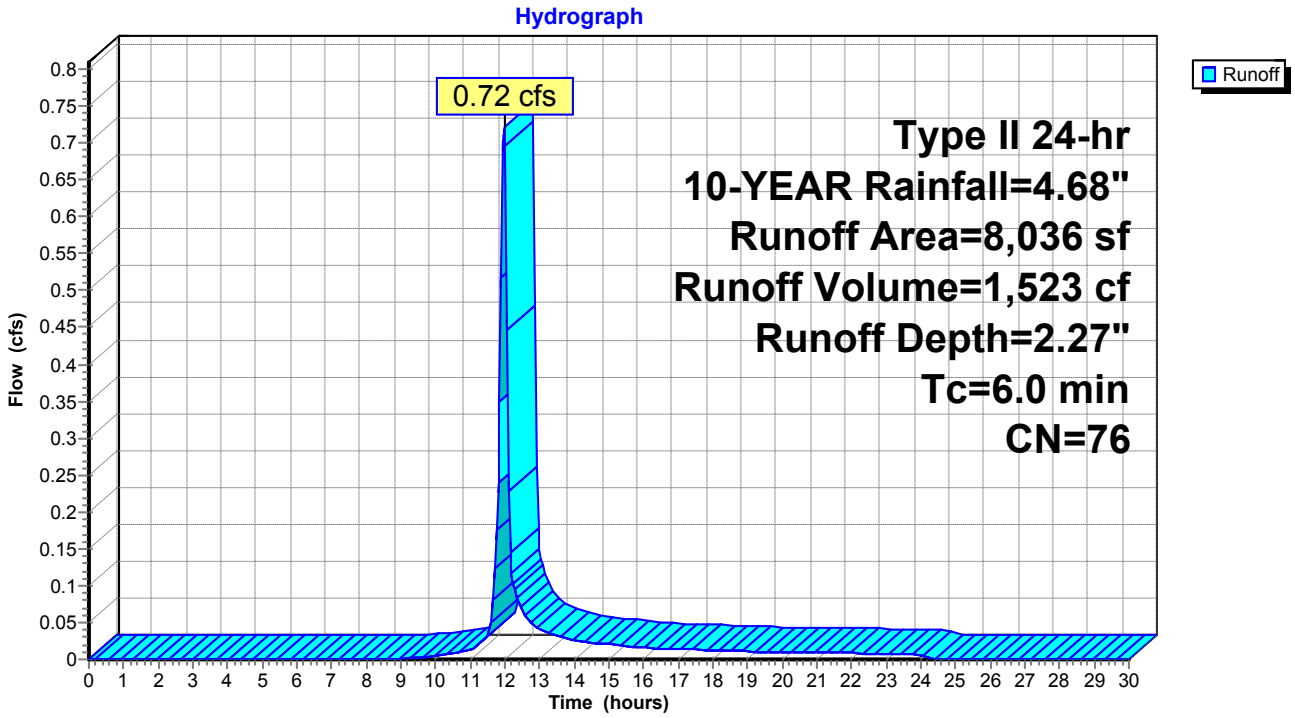
Runoff = 0.72 cfs @ 11.97 hrs, Volume= 1,523 cf, Depth= 2.27"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
2,975	39	>75% Grass cover, Good, HSG A
5,061	98	Paved parking, HSG A
8,036	76	Weighted Average
2,975		37.02% Pervious Area
5,061		62.98% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-8: DA-8



Summary for Subcatchment DA-9: DA-9

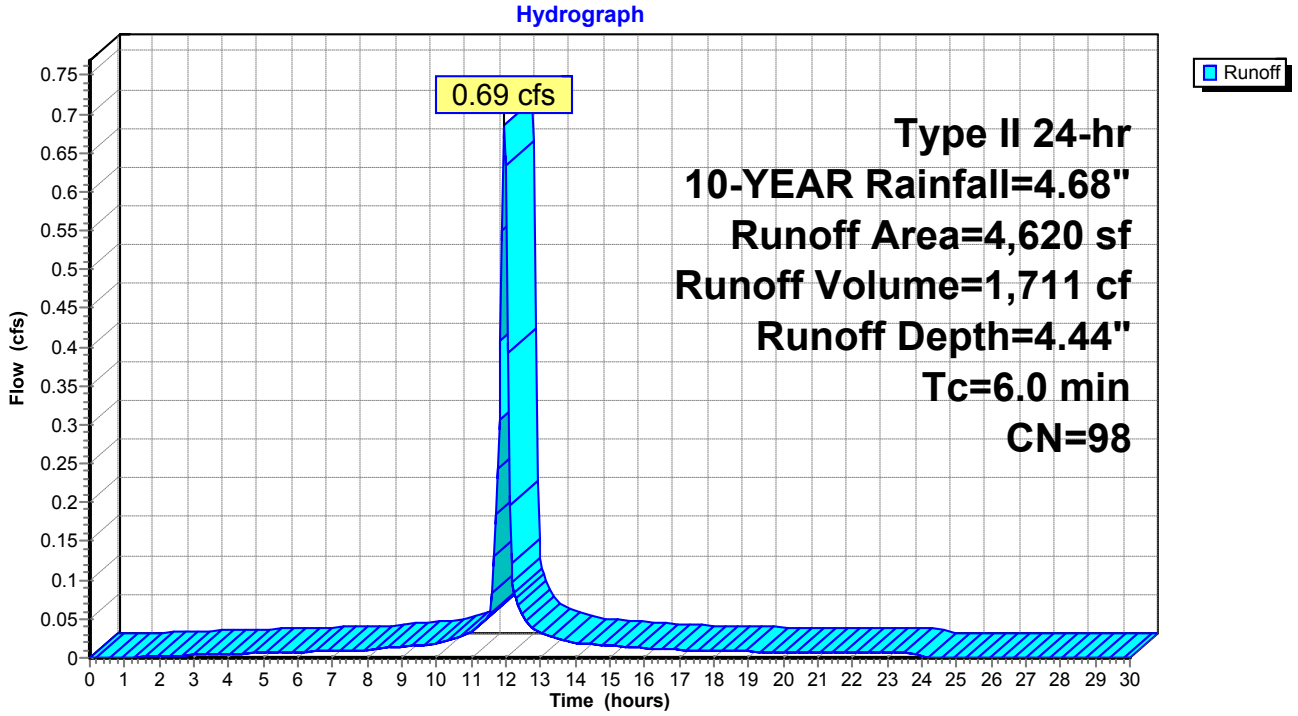
Runoff = 0.69 cfs @ 11.96 hrs, Volume= 1,711 cf, Depth= 4.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 10-YEAR Rainfall=4.68"

Area (sf)	CN	Description
4,620	98	Roofs, HSG A
4,620		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-9: DA-9

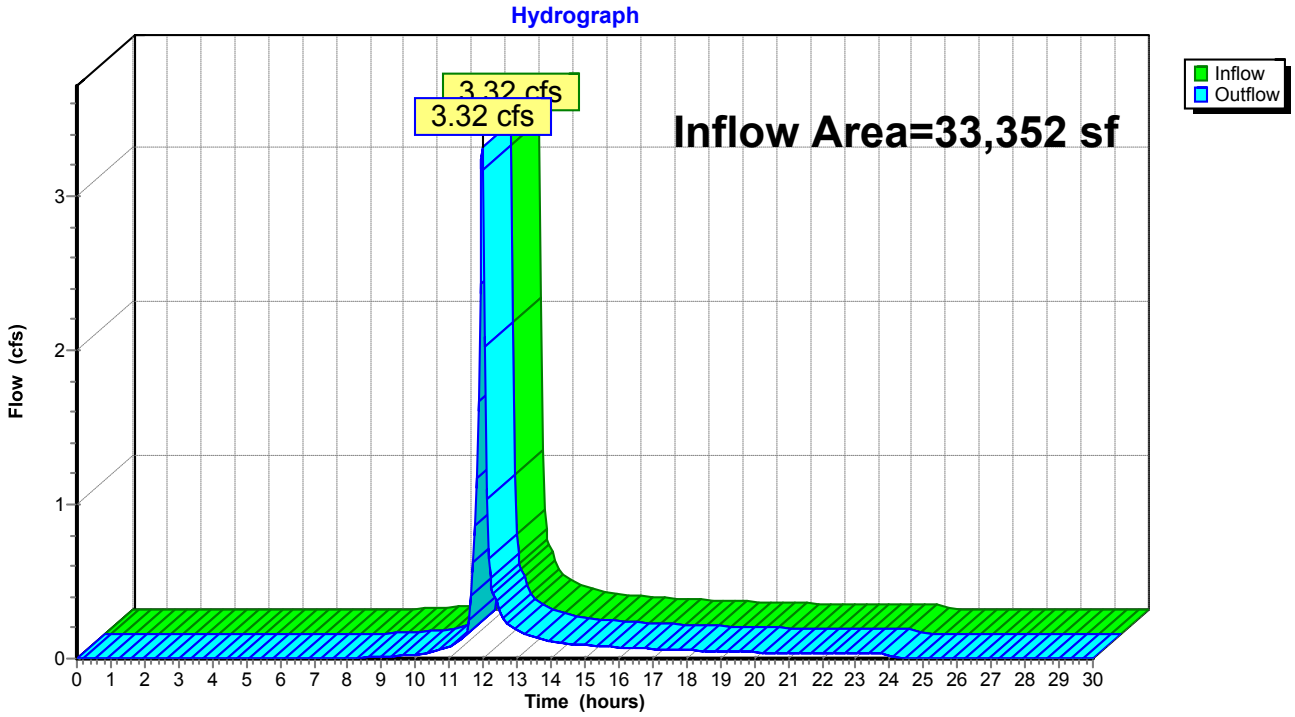


Summary for Reach DP-1: DP-1

Inflow Area = 33,352 sf, 61.72% Impervious, Inflow Depth = 2.53" for 10-YEAR event
Inflow = 3.32 cfs @ 11.97 hrs, Volume= 7,027 cf
Outflow = 3.32 cfs @ 11.97 hrs, Volume= 7,027 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs

Reach DP-1: DP-1

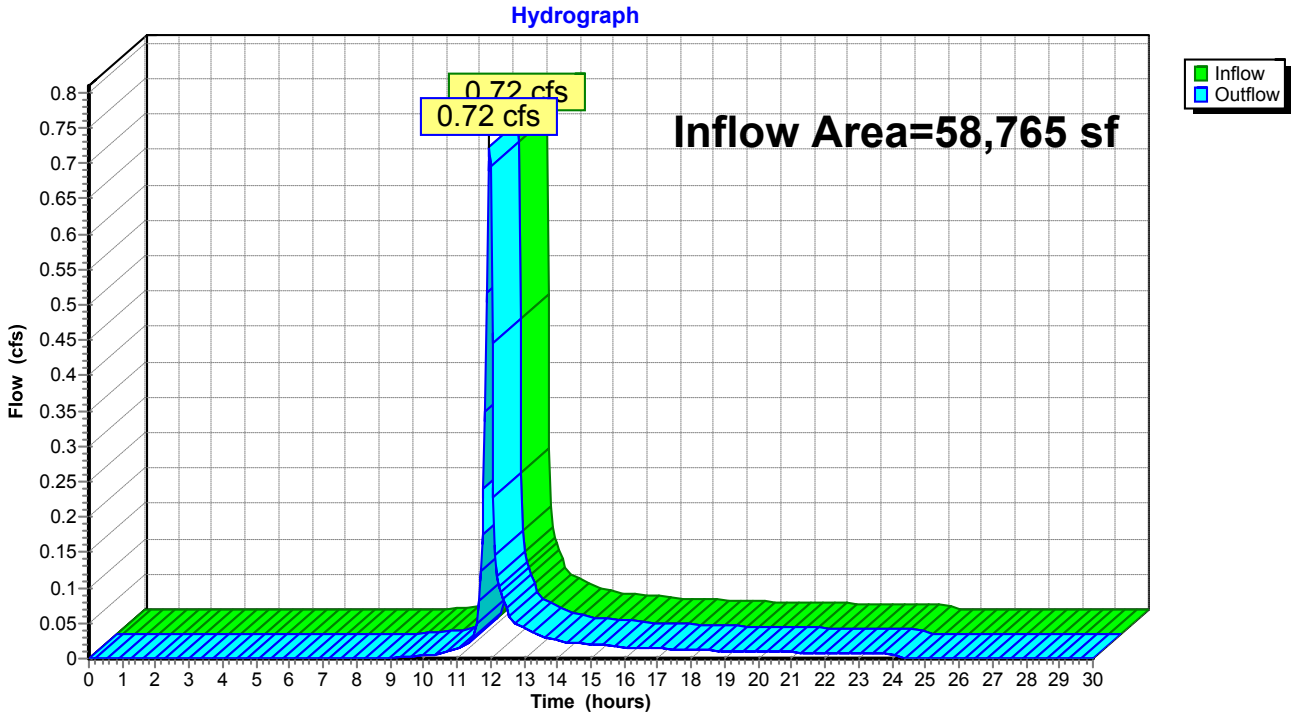


Summary for Reach DP-4: DP-4

Inflow Area = 58,765 sf, 68.46% Impervious, Inflow Depth = 0.31" for 10-YEAR event
Inflow = 0.72 cfs @ 11.97 hrs, Volume= 1,523 cf
Outflow = 0.72 cfs @ 11.97 hrs, Volume= 1,523 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs

Reach DP-4: DP-4



Summary for Pond 1P: PR CB#5

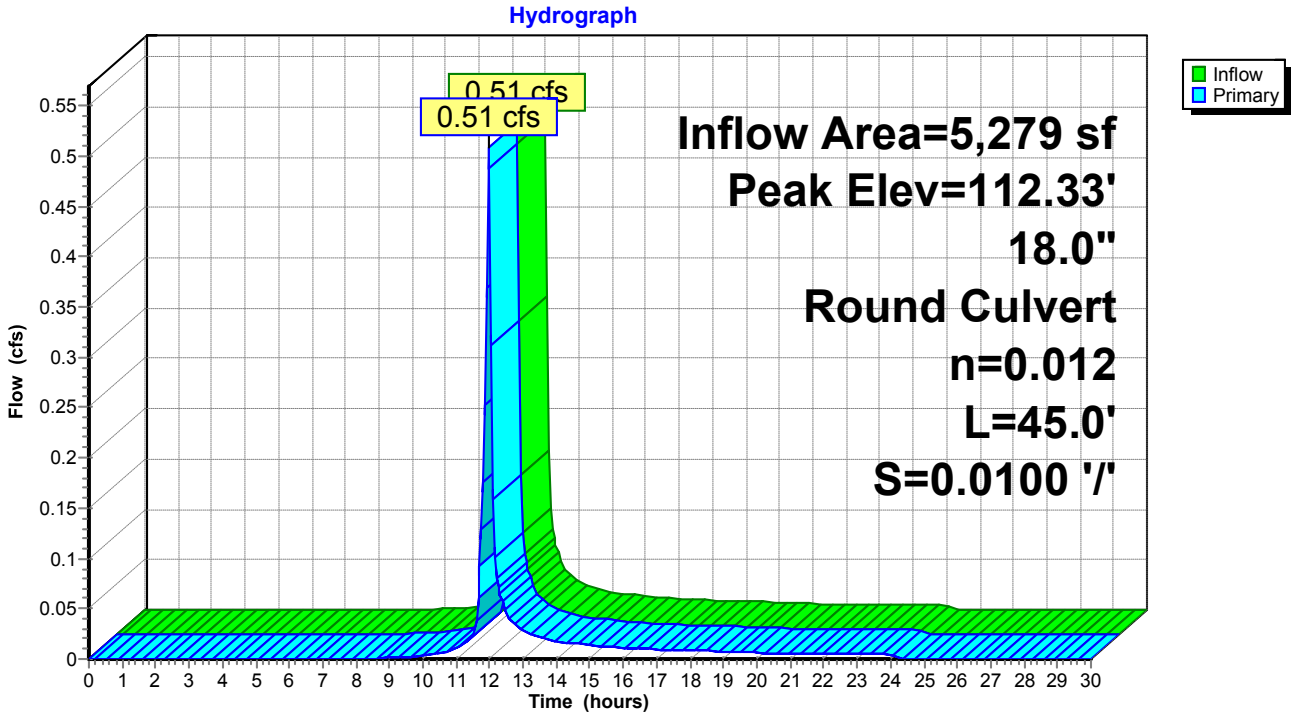
Inflow Area = 5,279 sf, 65.56% Impervious, Inflow Depth = 2.44" for 10-YEAR event
Inflow = 0.51 cfs @ 11.97 hrs, Volume= 1,074 cf
Outflow = 0.51 cfs @ 11.97 hrs, Volume= 1,074 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.51 cfs @ 11.97 hrs, Volume= 1,074 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 112.33' @ 11.97 hrs
Flood Elev= 114.98'

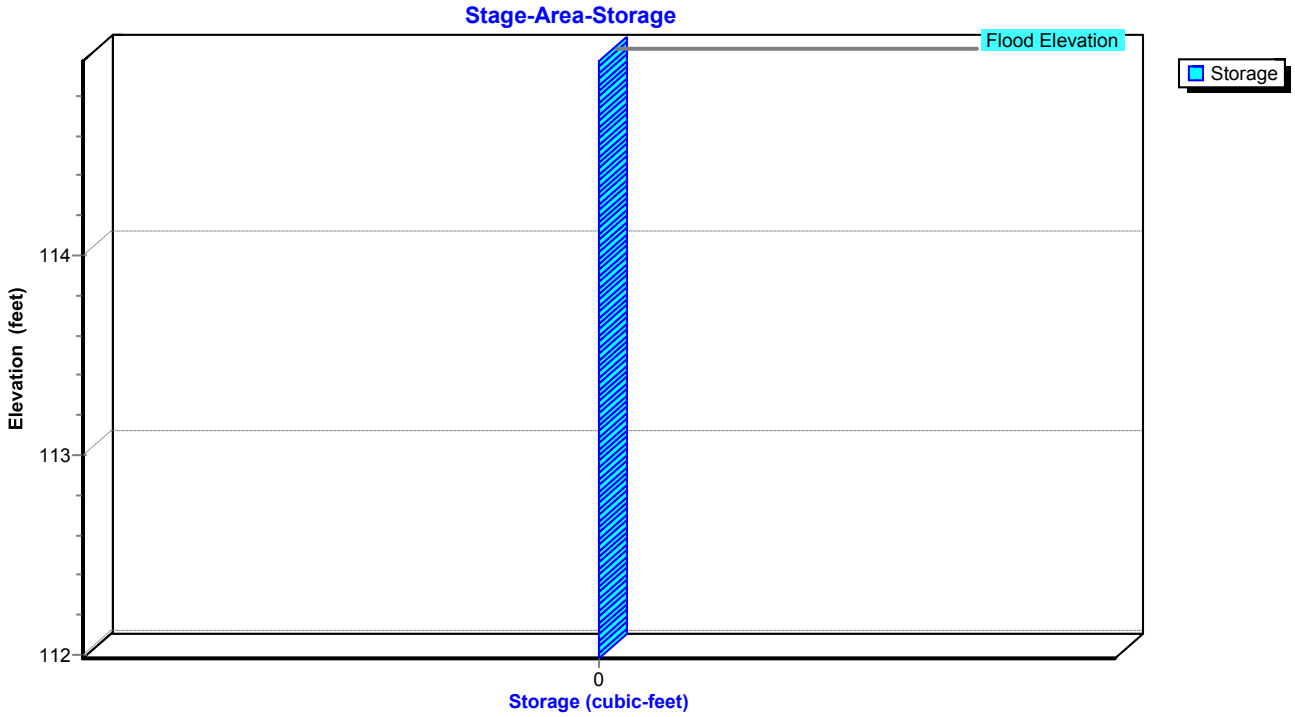
Device	Routing	Invert	Outlet Devices
#1	Primary	111.98'	**18.0" Round Culvert** L= 45.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 111.98' / 111.53' S= 0.0100 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 1.77 sf

Primary OutFlow Max=0.49 cfs @ 11.97 hrs HW=112.33' (Free Discharge)
1=Culvert (Inlet Controls 0.49 cfs @ 1.58 fps)

Pond 1P: PR CB#5



Pond 1P: PR CB#5



Stage-Area-Storage for Pond 1P: PR CB#5

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
111.98	**0**	113.04	0	114.10	0
112.00	0	113.06	0	114.12	0
112.02	0	113.08	0	114.14	0
112.04	0	113.10	0	114.16	0
112.06	0	113.12	0	114.18	0
112.08	0	113.14	0	114.20	0
112.10	0	113.16	0	114.22	0
112.12	0	113.18	0	114.24	0
112.14	0	113.20	0	114.26	0
112.16	0	113.22	0	114.28	0
112.18	0	113.24	0	114.30	0
112.20	0	113.26	0	114.32	0
112.22	0	113.28	0	114.34	0
112.24	0	113.30	0	114.36	0
112.26	0	113.32	0	114.38	0
112.28	0	113.34	0	114.40	0
112.30	0	113.36	0	114.42	0
112.32	0	113.38	0	114.44	0
112.34	0	113.40	0	114.46	0
112.36	0	113.42	0	114.48	0
112.38	0	113.44	0	114.50	0
112.40	0	113.46	0	114.52	0
112.42	0	113.48	0	114.54	0
112.44	0	113.50	0	114.56	0
112.46	0	113.52	0	114.58	0
112.48	0	113.54	0	114.60	0
112.50	0	113.56	0	114.62	0
112.52	0	113.58	0	114.64	0
112.54	0	113.60	0	114.66	0
112.56	0	113.62	0	114.68	0
112.58	0	113.64	0	114.70	0
112.60	0	113.66	0	114.72	0
112.62	0	113.68	0	114.74	0
112.64	0	113.70	0	114.76	0
112.66	0	113.72	0	114.78	0
112.68	0	113.74	0	114.80	0
112.70	0	113.76	0	114.82	0
112.72	0	113.78	0	114.84	0
112.74	0	113.80	0	114.86	0
112.76	0	113.82	0	114.88	0
112.78	0	113.84	0	114.90	0
112.80	0	113.86	0	114.92	0
112.82	0	113.88	0	114.94	0
112.84	0	113.90	0	114.96	0
112.86	0	113.92	0	114.98	0
112.88	0	113.94	0		
112.90	0	113.96	0		
112.92	0	113.98	0		
112.94	0	114.00	0		
112.96	0	114.02	0		
112.98	0	114.04	0		
113.00	0	114.06	0		
113.02	0	114.08	0		

Summary for Pond 9P: PR CB #1

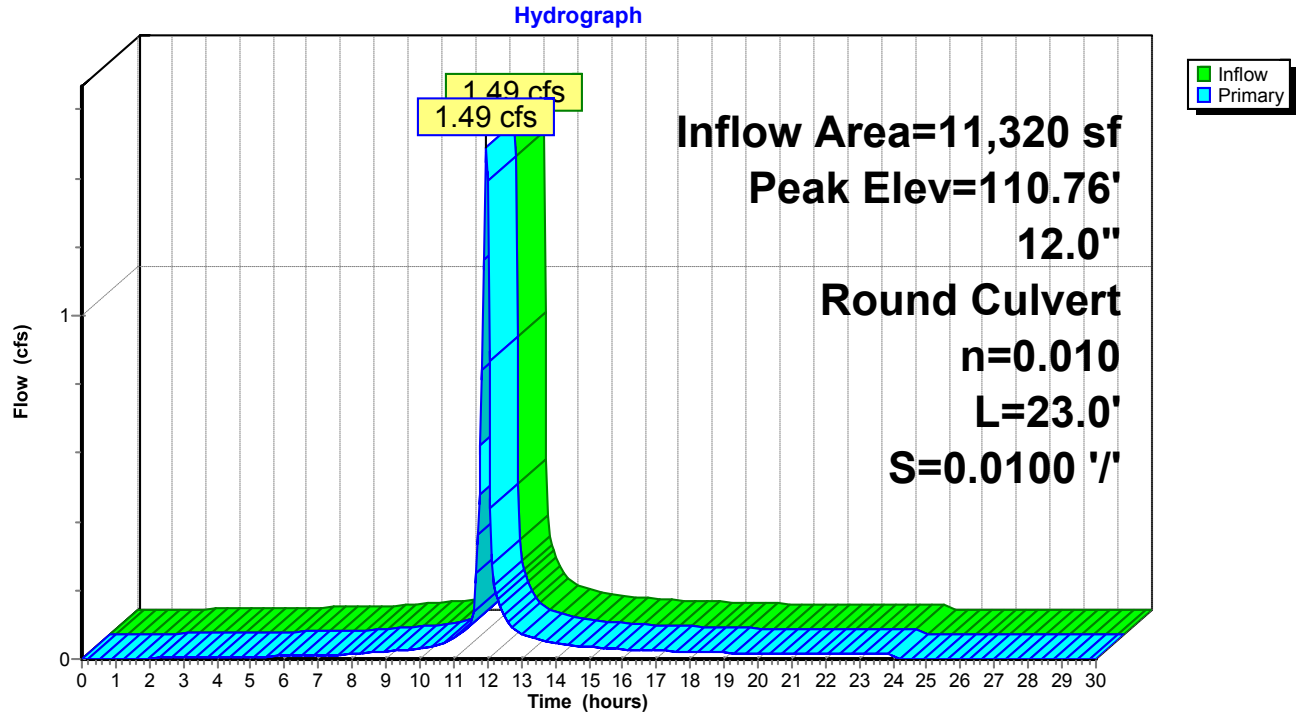
Inflow Area = 11,320 sf, 87.54% Impervious, Inflow Depth = 3.67" for 10-YEAR event
Inflow = 1.49 cfs @ 11.96 hrs, Volume= 3,458 cf
Outflow = 1.49 cfs @ 11.96 hrs, Volume= 3,458 cf, Atten= 0%, Lag= 0.0 min
Primary = 1.49 cfs @ 11.96 hrs, Volume= 3,458 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.76' @ 11.96 hrs
Flood Elev= 113.00'

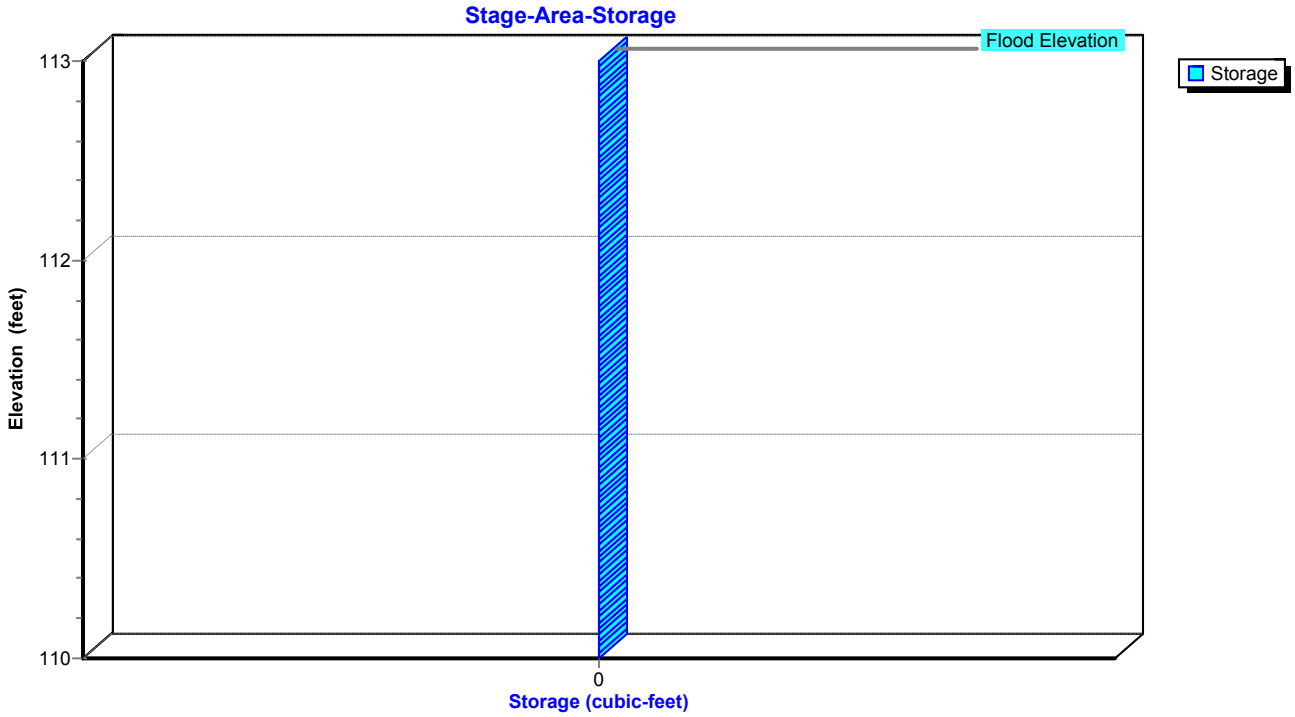
Device	Routing	Invert	Outlet Devices
#1	Primary	110.00'	**12.0" Round Culvert** L= 23.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 110.00' / 109.77' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=1.45 cfs @ 11.96 hrs HW=110.74' (Free Discharge)
1=Culvert (Inlet Controls 1.45 cfs @ 2.32 fps)

Pond 9P: PR CB #1



Pond 9P: PR CB #1



Stage-Area-Storage for Pond 9P: PR CB #1

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
110.00	**0**	111.06	0	112.12	0
110.02	0	111.08	0	112.14	0
110.04	0	111.10	0	112.16	0
110.06	0	111.12	0	112.18	0
110.08	0	111.14	0	112.20	0
110.10	0	111.16	0	112.22	0
110.12	0	111.18	0	112.24	0
110.14	0	111.20	0	112.26	0
110.16	0	111.22	0	112.28	0
110.18	0	111.24	0	112.30	0
110.20	0	111.26	0	112.32	0
110.22	0	111.28	0	112.34	0
110.24	0	111.30	0	112.36	0
110.26	0	111.32	0	112.38	0
110.28	0	111.34	0	112.40	0
110.30	0	111.36	0	112.42	0
110.32	0	111.38	0	112.44	0
110.34	0	111.40	0	112.46	0
110.36	0	111.42	0	112.48	0
110.38	0	111.44	0	112.50	0
110.40	0	111.46	0	112.52	0
110.42	0	111.48	0	112.54	0
110.44	0	111.50	0	112.56	0
110.46	0	111.52	0	112.58	0
110.48	0	111.54	0	112.60	0
110.50	0	111.56	0	112.62	0
110.52	0	111.58	0	112.64	0
110.54	0	111.60	0	112.66	0
110.56	0	111.62	0	112.68	0
110.58	0	111.64	0	112.70	0
110.60	0	111.66	0	112.72	0
110.62	0	111.68	0	112.74	0
110.64	0	111.70	0	112.76	0
110.66	0	111.72	0	112.78	0
110.68	0	111.74	0	112.80	0
110.70	0	111.76	0	112.82	0
110.72	0	111.78	0	112.84	0
110.74	0	111.80	0	112.86	0
110.76	0	111.82	0	112.88	0
110.78	0	111.84	0	112.90	0
110.80	0	111.86	0	112.92	0
110.82	0	111.88	0	112.94	0
110.84	0	111.90	0	112.96	0
110.86	0	111.92	0	112.98	0
110.88	0	111.94	0	113.00	0
110.90	0	111.96	0		
110.92	0	111.98	0		
110.94	0	112.00	0		
110.96	0	112.02	0		
110.98	0	112.04	0		
111.00	0	112.06	0		
111.02	0	112.08	0		
111.04	0	112.10	0		

Summary for Pond 10P: UGC-1

Inflow Area = 11,320 sf, 87.54% Impervious, Inflow Depth = 3.67" for 10-YEAR event
Inflow = 1.49 cfs @ 11.96 hrs, Volume= 3,458 cf
Outflow = 0.17 cfs @ 11.65 hrs, Volume= 3,458 cf, Atten= 89%, Lag= 0.0 min
Discarded = 0.17 cfs @ 11.65 hrs, Volume= 3,458 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 109.63' @ 12.32 hrs Surf.Area= 1,178 sf Storage= 1,163 cf

Plug-Flow detention time= 42.7 min calculated for 3,452 cf (100% of inflow)
Center-of-Mass det. time= 42.6 min (817.2 - 774.6)

Volume	Invert	Avail.Storage	Storage Description
#1A	108.00'	1,452 cf	**15.75'W x 74.82'L x 4.25'H Field A** 5,008 cf Overall - 1,378 cf Embedded = 3,630 cf x 40.0% Voids
#2A	108.75'	1,378 cf	**ADS_StormTech SC-740 +Cap** x 30 Inside #1 Effective Size= 44.6"W x 30.0"H => 6.45 sf x 7.12'L = 45.9 cf Overall Size= 51.0"W x 30.0"H x 7.56'L with 0.44' Overlap 3 Rows of 10 Chambers
		2,830 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	108.00'	**6.200 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.17 cfs @ 11.65 hrs HW=108.05' (Free Discharge)
↑**1=Exfiltration** (Exfiltration Controls 0.17 cfs)

Pond 10P: UGC-1 - Chamber Wizard Field A

Chamber Model = ADS_StormTech SC-740 +Cap (ADS StormTech® SC-740 with cap length)
Effective Size= 44.6"W x 30.0"H => 6.45 sf x 7.12'L = 45.9 cf
Overall Size= 51.0"W x 30.0"H x 7.56'L with 0.44' Overlap

51.0" Wide + 6.0" Spacing = 57.0" C-C Row Spacing

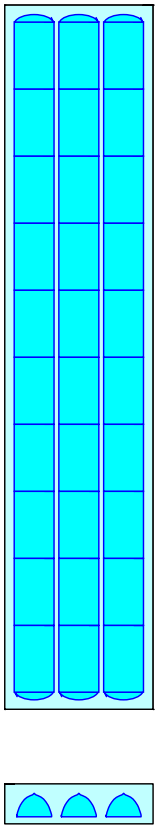
10 Chambers/Row x 7.12' Long +0.81' Cap Length x 2 = 72.82' Row Length +12.0" End Stone x 2 = 74.82' Base Length
3 Rows x 51.0" Wide + 6.0" Spacing x 2 + 12.0" Side Stone x 2 = 15.75' Base Width
9.0" Base + 30.0" Chamber Height + 12.0" Cover = 4.25' Field Height

30 Chambers x 45.9 cf = 1,378.2 cf Chamber Storage

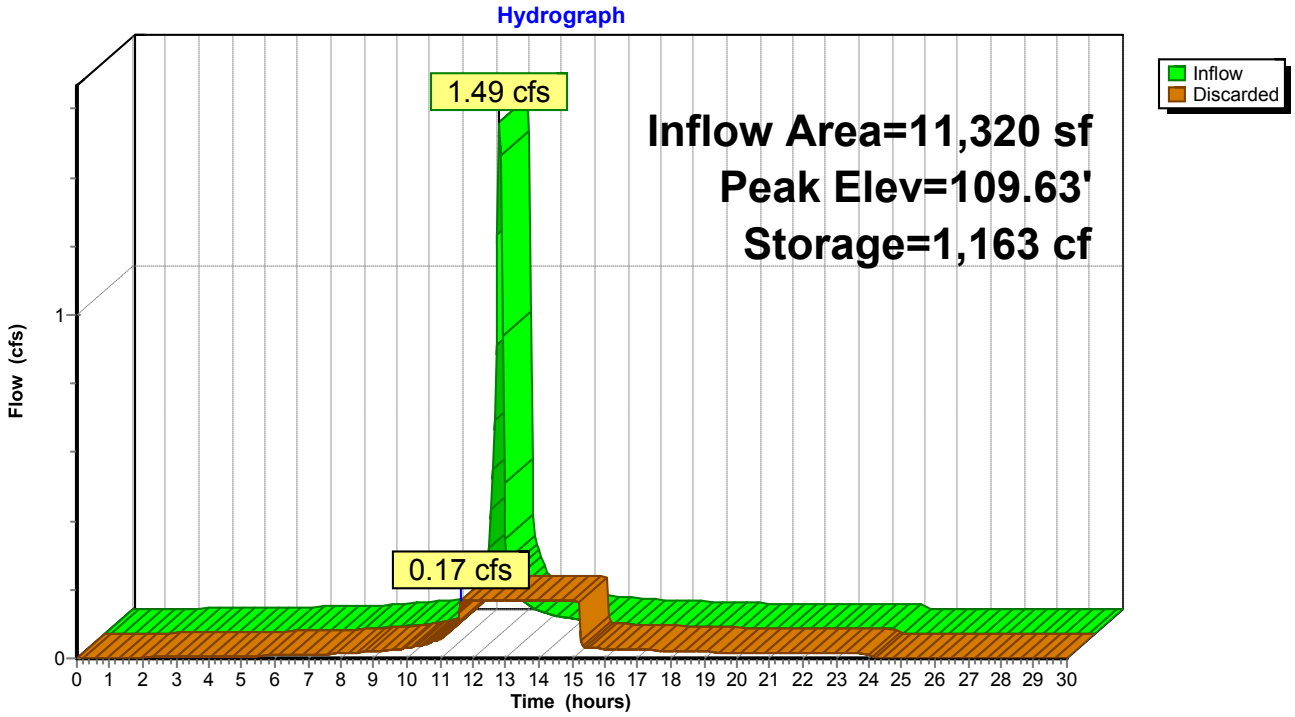
5,008.0 cf Field - 1,378.2 cf Chambers = 3,629.8 cf Stone x 40.0% Voids = 1,451.9 cf Stone Storage

Chamber Storage + Stone Storage = 2,830.1 cf = 0.065 af
Overall Storage Efficiency = 56.5%
Overall System Size = 74.82' x 15.75' x 4.25'

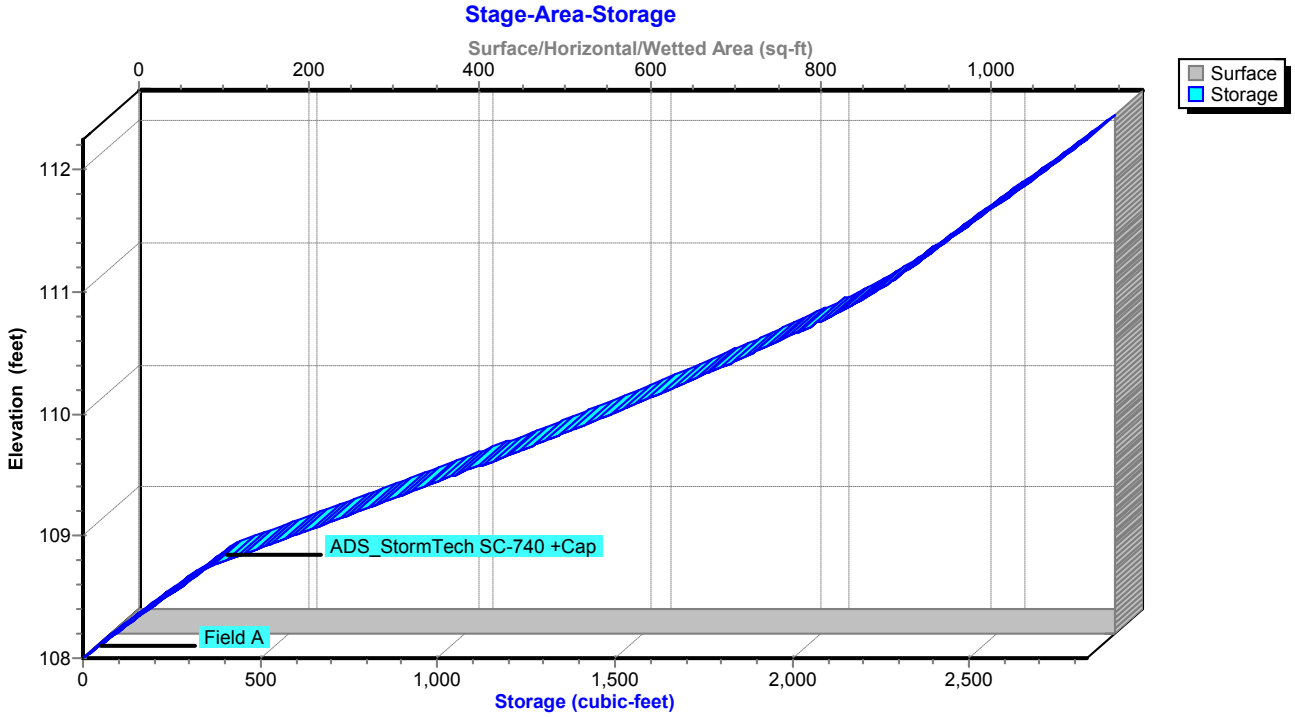
30 Chambers
185.5 cy Field
134.4 cy Stone



Pond 10P: UGC-1



Pond 10P: UGC-1



Stage-Area-Storage for Pond 10P: UGC-1

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
108.00	**1,178**	0
108.05	1,178	24
108.10	1,178	47
108.15	1,178	71
108.20	1,178	94
108.25	1,178	118
108.30	1,178	141
108.35	1,178	165
108.40	1,178	189
108.45	1,178	212
108.50	1,178	236
108.55	1,178	259
108.60	1,178	283
108.65	1,178	306
108.70	1,178	330
108.75	1,178	354
108.80	1,178	401
108.85	1,178	448
108.90	1,178	496
108.95	1,178	543
109.00	1,178	590
109.05	1,178	637
109.10	1,178	683
109.15	1,178	730
109.20	1,178	776
109.25	1,178	823
109.30	1,178	869
109.35	1,178	915
109.40	1,178	960
109.45	1,178	1,006
109.50	1,178	1,051
109.55	1,178	1,096
109.60	1,178	1,140
109.65	1,178	1,185
109.70	1,178	1,229
109.75	1,178	1,273
109.80	1,178	1,317
109.85	1,178	1,360
109.90	1,178	1,403
109.95	1,178	1,446
110.00	1,178	1,488
110.05	1,178	1,530
110.10	1,178	1,572
110.15	1,178	1,613
110.20	1,178	1,654
110.25	1,178	1,695
110.30	1,178	1,735
110.35	1,178	1,774
110.40	1,178	1,814
110.45	1,178	1,852
110.50	1,178	1,890
110.55	1,178	1,928
110.60	1,178	1,965
110.65	1,178	2,001
110.70	1,178	2,037
110.75	1,178	2,071
110.80	1,178	2,105
110.85	1,178	2,139
110.90	1,178	2,171
110.95	1,178	2,202
111.00	1,178	2,231
111.05	1,178	2,259
111.10	1,178	2,285
111.15	1,178	2,310
111.20	1,178	2,335
111.25	1,178	2,359
111.30	1,178	2,382
111.35	1,178	2,406
111.40	1,178	2,429
111.45	1,178	2,453
111.50	1,178	2,477
111.55	1,178	2,500
111.60	1,178	2,524
111.65	1,178	2,547
111.70	1,178	2,571
111.75	1,178	2,594
111.80	1,178	2,618
111.85	1,178	2,642
111.90	1,178	2,665
111.95	1,178	2,689
112.00	1,178	2,712
112.05	1,178	2,736
112.10	1,178	2,759
112.15	1,178	2,783
112.20	1,178	2,807
112.25	1,178	**2,830**

Summary for Pond 11P: PR CB #2

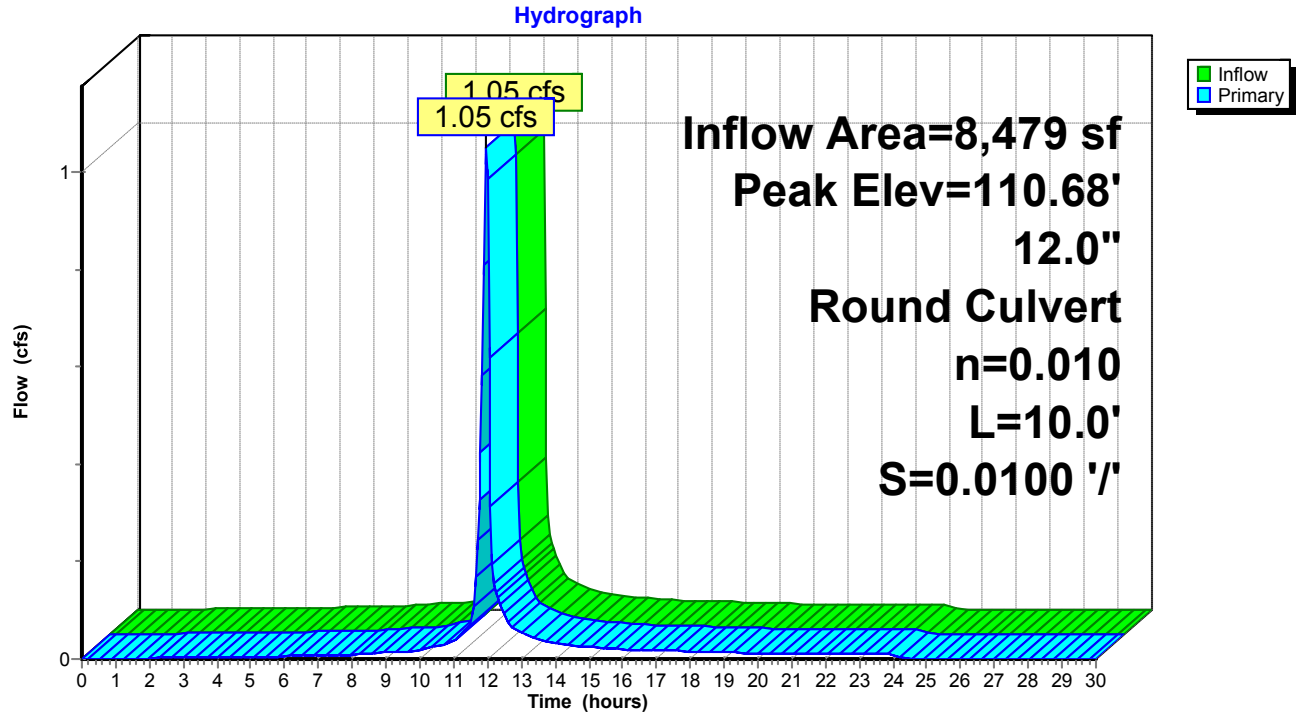
Inflow Area = 8,479 sf, 83.52% Impervious, Inflow Depth = 3.42" for 10-YEAR event
Inflow = 1.05 cfs @ 11.97 hrs, Volume= 2,417 cf
Outflow = 1.05 cfs @ 11.97 hrs, Volume= 2,417 cf, Atten= 0%, Lag= 0.0 min
Primary = 1.05 cfs @ 11.97 hrs, Volume= 2,417 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.68' @ 11.97 hrs
Flood Elev= 113.14'

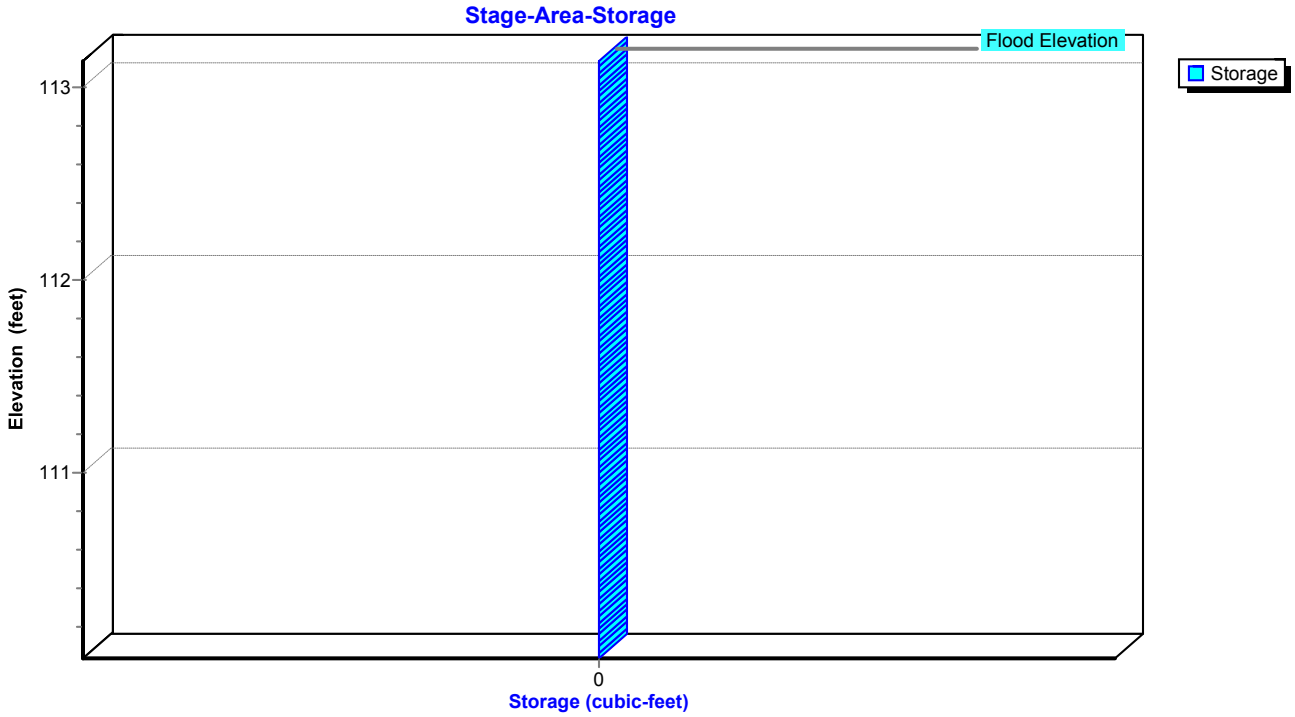
Device	Routing	Invert	Outlet Devices
#1	Primary	110.04'	**12.0" Round Culvert** L= 10.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 110.04' / 109.94' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=1.02 cfs @ 11.97 hrs HW=110.67' (Free Discharge)
1=Culvert (Barrel Controls 1.02 cfs @ 2.81 fps)

Pond 11P: PR CB #2



Pond 11P: PR CB #2



Stage-Area-Storage for Pond 11P: PR CB #2

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
110.04	**0**	111.10	0	112.16	0
110.06	0	111.12	0	112.18	0
110.08	0	111.14	0	112.20	0
110.10	0	111.16	0	112.22	0
110.12	0	111.18	0	112.24	0
110.14	0	111.20	0	112.26	0
110.16	0	111.22	0	112.28	0
110.18	0	111.24	0	112.30	0
110.20	0	111.26	0	112.32	0
110.22	0	111.28	0	112.34	0
110.24	0	111.30	0	112.36	0
110.26	0	111.32	0	112.38	0
110.28	0	111.34	0	112.40	0
110.30	0	111.36	0	112.42	0
110.32	0	111.38	0	112.44	0
110.34	0	111.40	0	112.46	0
110.36	0	111.42	0	112.48	0
110.38	0	111.44	0	112.50	0
110.40	0	111.46	0	112.52	0
110.42	0	111.48	0	112.54	0
110.44	0	111.50	0	112.56	0
110.46	0	111.52	0	112.58	0
110.48	0	111.54	0	112.60	0
110.50	0	111.56	0	112.62	0
110.52	0	111.58	0	112.64	0
110.54	0	111.60	0	112.66	0
110.56	0	111.62	0	112.68	0
110.58	0	111.64	0	112.70	0
110.60	0	111.66	0	112.72	0
110.62	0	111.68	0	112.74	0
110.64	0	111.70	0	112.76	0
110.66	0	111.72	0	112.78	0
110.68	0	111.74	0	112.80	0
110.70	0	111.76	0	112.82	0
110.72	0	111.78	0	112.84	0
110.74	0	111.80	0	112.86	0
110.76	0	111.82	0	112.88	0
110.78	0	111.84	0	112.90	0
110.80	0	111.86	0	112.92	0
110.82	0	111.88	0	112.94	0
110.84	0	111.90	0	112.96	0
110.86	0	111.92	0	112.98	0
110.88	0	111.94	0	113.00	0
110.90	0	111.96	0	113.02	0
110.92	0	111.98	0	113.04	0
110.94	0	112.00	0	113.06	0
110.96	0	112.02	0	113.08	0
110.98	0	112.04	0	113.10	0
111.00	0	112.06	0	113.12	0
111.02	0	112.08	0	113.14	0
111.04	0	112.10	0		
111.06	0	112.12	0		
111.08	0	112.14	0		

Summary for Pond 13P: PR CB #3

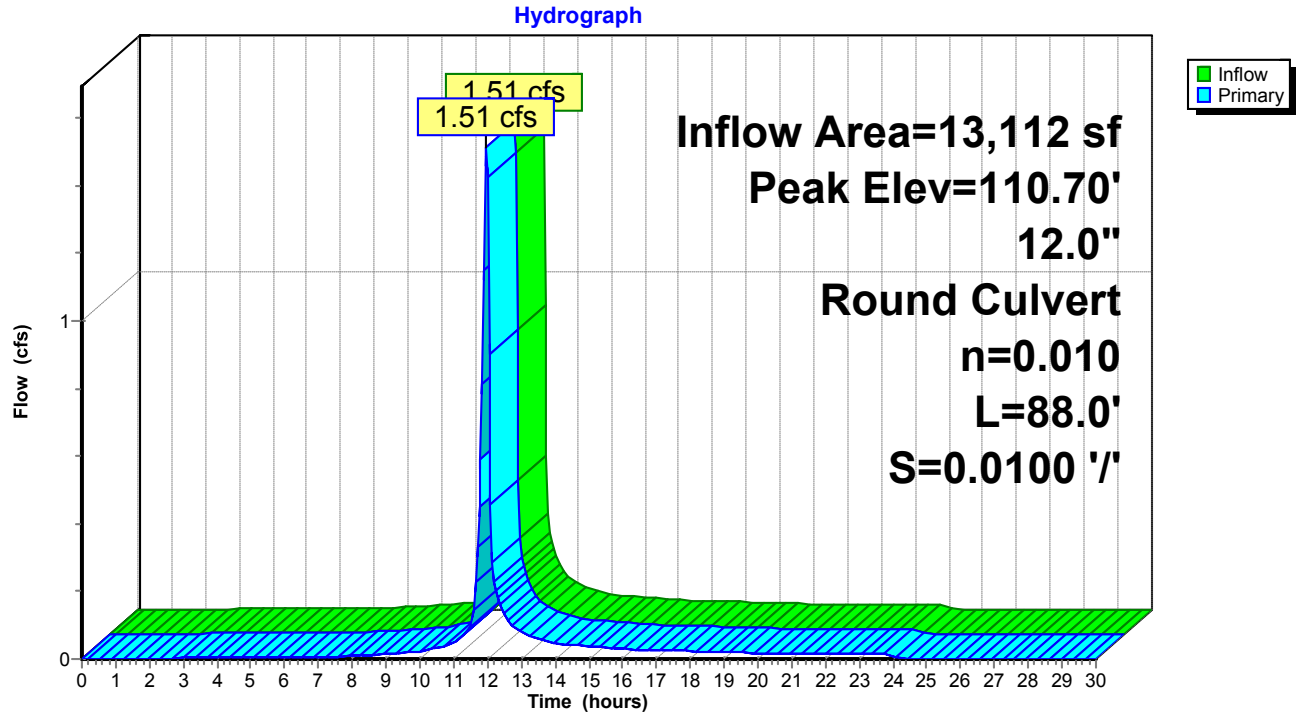
Inflow Area = 13,112 sf, 77.91% Impervious, Inflow Depth = 3.11" for 10-YEAR event
Inflow = 1.51 cfs @ 11.97 hrs, Volume= 3,393 cf
Outflow = 1.51 cfs @ 11.97 hrs, Volume= 3,393 cf, Atten= 0%, Lag= 0.0 min
Primary = 1.51 cfs @ 11.97 hrs, Volume= 3,393 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 110.70' @ 11.97 hrs
Flood Elev= 113.14'

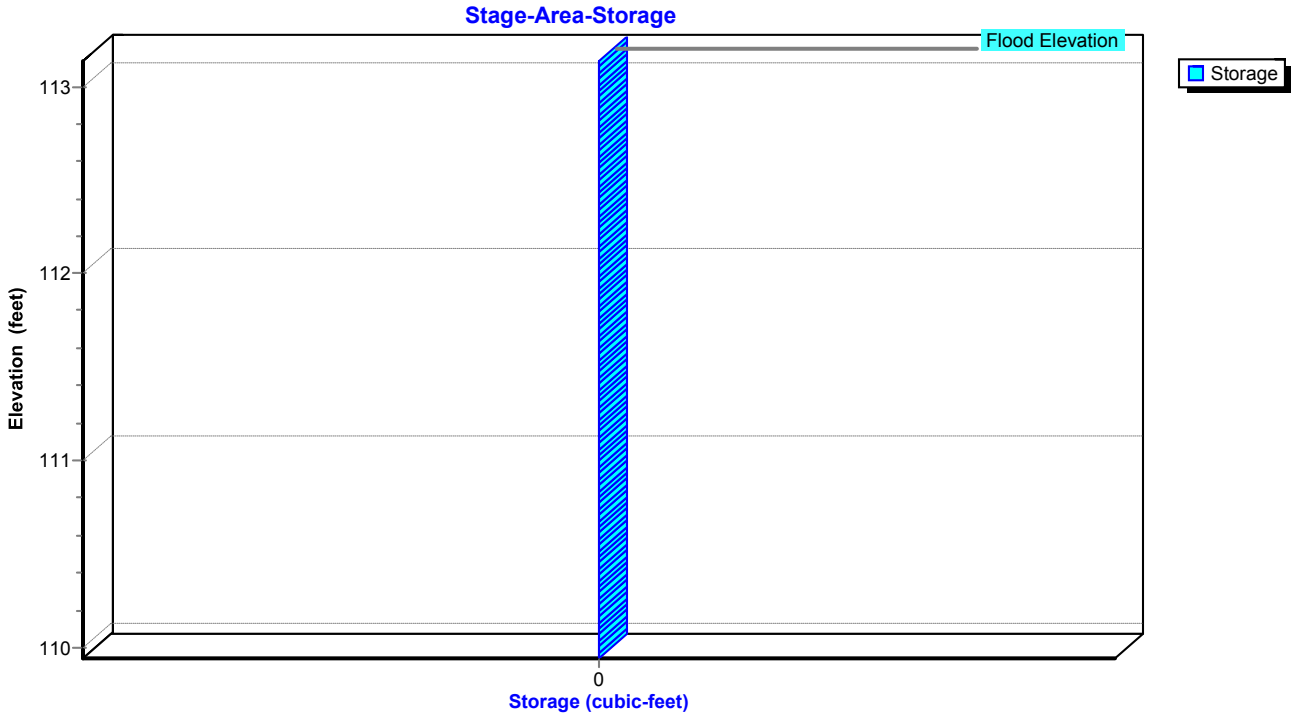
Device	Routing	Invert	Outlet Devices
#1	Primary	109.94'	**12.0" Round Culvert** L= 88.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 109.94' / 109.06' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=1.47 cfs @ 11.97 hrs HW=110.69' (Free Discharge)
1=Culvert (Inlet Controls 1.47 cfs @ 2.33 fps)

Pond 13P: PR CB #3



Pond 13P: PR CB #3



Stage-Area-Storage for Pond 13P: PR CB #3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
109.94	**0**	112.59	0
109.99	0	112.64	0
110.04	0	112.69	0
110.09	0	112.74	0
110.14	0	112.79	0
110.19	0	112.84	0
110.24	0	112.89	0
110.29	0	112.94	0
110.34	0	112.99	0
110.39	0	113.04	0
110.44	0	113.09	0
110.49	0	113.14	0
110.54	0		
110.59	0		
110.64	0		
110.69	0		
110.74	0		
110.79	0		
110.84	0		
110.89	0		
110.94	0		
110.99	0		
111.04	0		
111.09	0		
111.14	0		
111.19	0		
111.24	0		
111.29	0		
111.34	0		
111.39	0		
111.44	0		
111.49	0		
111.54	0		
111.59	0		
111.64	0		
111.69	0		
111.74	0		
111.79	0		
111.84	0		
111.89	0		
111.94	0		
111.99	0		
112.04	0		
112.09	0		
112.14	0		
112.19	0		
112.24	0		
112.29	0		
112.34	0		
112.39	0		
112.44	0		
112.49	0		
112.54	0		

Summary for Pond 15P: PR CB #4

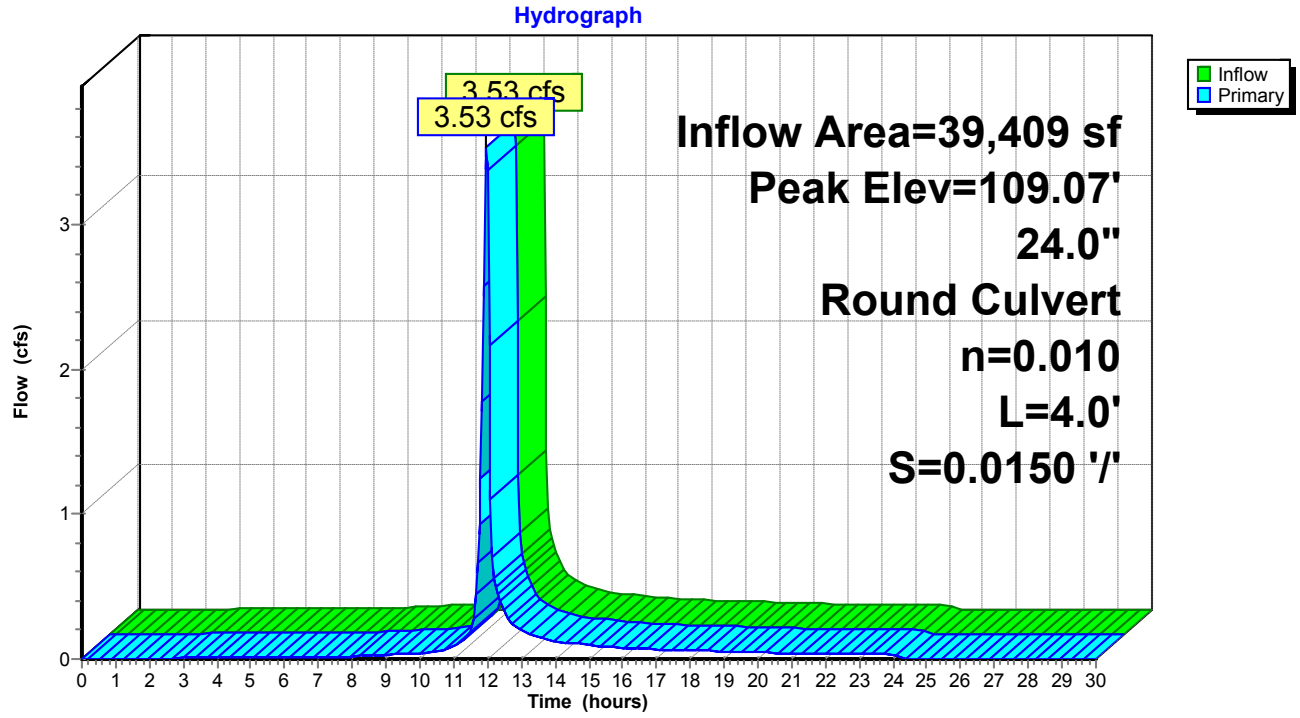
Inflow Area = 39,409 sf, 64.10% Impervious, Inflow Depth = 2.43" for 10-YEAR event
Inflow = 3.53 cfs @ 11.97 hrs, Volume= 7,965 cf
Outflow = 3.53 cfs @ 11.97 hrs, Volume= 7,965 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.53 cfs @ 11.97 hrs, Volume= 7,965 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 109.07' @ 11.97 hrs
Flood Elev= 113.22'

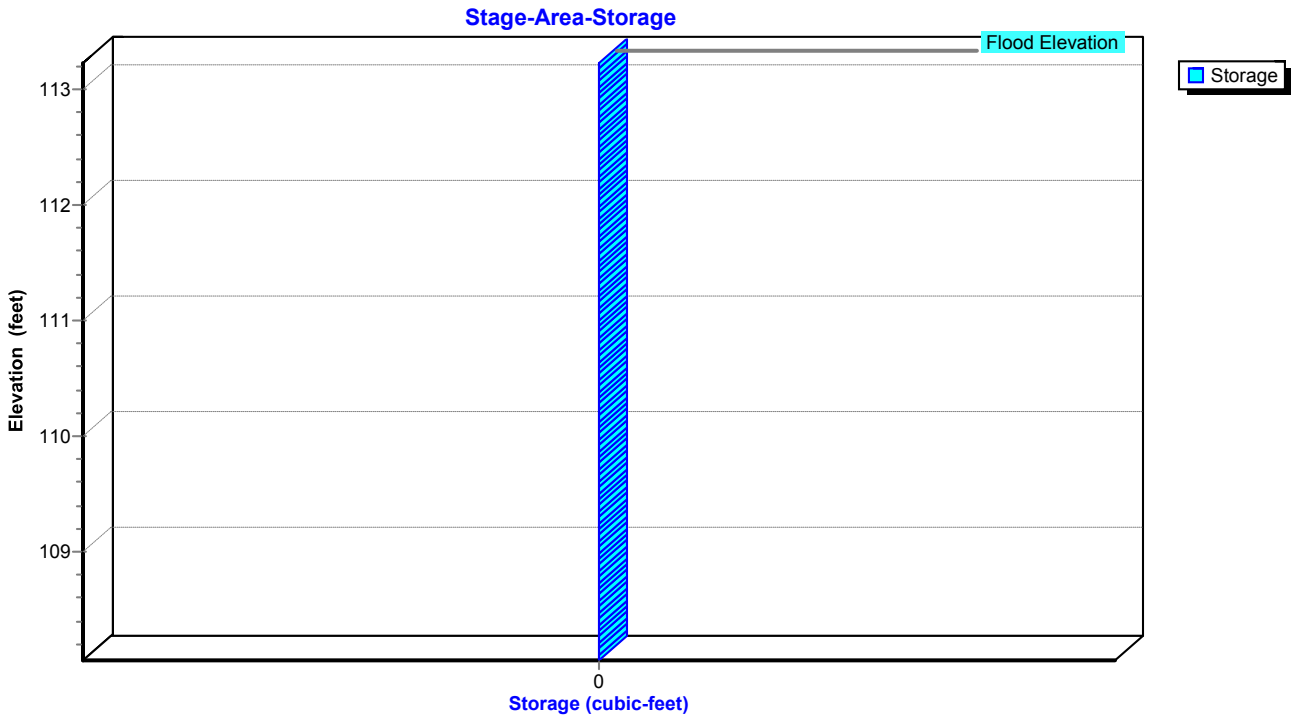
Device	Routing	Invert	Outlet Devices
#1	Primary	108.06'	**24.0" Round Culvert** L= 4.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.06' / 108.00' S= 0.0150 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 3.14 sf

Primary OutFlow Max=3.42 cfs @ 11.97 hrs HW=109.05' (Free Discharge)
1=Culvert (Barrel Controls 3.42 cfs @ 3.20 fps)

Pond 15P: PR CB #4



Pond 15P: PR CB #4



Stage-Area-Storage for Pond 15P: PR CB #4

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.06	**0**	110.18	0	112.30	0
108.10	0	110.22	0	112.34	0
108.14	0	110.26	0	112.38	0
108.18	0	110.30	0	112.42	0
108.22	0	110.34	0	112.46	0
108.26	0	110.38	0	112.50	0
108.30	0	110.42	0	112.54	0
108.34	0	110.46	0	112.58	0
108.38	0	110.50	0	112.62	0
108.42	0	110.54	0	112.66	0
108.46	0	110.58	0	112.70	0
108.50	0	110.62	0	112.74	0
108.54	0	110.66	0	112.78	0
108.58	0	110.70	0	112.82	0
108.62	0	110.74	0	112.86	0
108.66	0	110.78	0	112.90	0
108.70	0	110.82	0	112.94	0
108.74	0	110.86	0	112.98	0
108.78	0	110.90	0	113.02	0
108.82	0	110.94	0	113.06	0
108.86	0	110.98	0	113.10	0
108.90	0	111.02	0	113.14	0
108.94	0	111.06	0	113.18	0
108.98	0	111.10	0	113.22	0
109.02	0	111.14	0		
109.06	0	111.18	0		
109.10	0	111.22	0		
109.14	0	111.26	0		
109.18	0	111.30	0		
109.22	0	111.34	0		
109.26	0	111.38	0		
109.30	0	111.42	0		
109.34	0	111.46	0		
109.38	0	111.50	0		
109.42	0	111.54	0		
109.46	0	111.58	0		
109.50	0	111.62	0		
109.54	0	111.66	0		
109.58	0	111.70	0		
109.62	0	111.74	0		
109.66	0	111.78	0		
109.70	0	111.82	0		
109.74	0	111.86	0		
109.78	0	111.90	0		
109.82	0	111.94	0		
109.86	0	111.98	0		
109.90	0	112.02	0		
109.94	0	112.06	0		
109.98	0	112.10	0		
110.02	0	112.14	0		
110.06	0	112.18	0		
110.10	0	112.22	0		
110.14	0	112.26	0		

Summary for Pond 17P: UGC-2

Inflow Area = 39,409 sf, 64.10% Impervious, Inflow Depth = 2.43" for 10-YEAR event
Inflow = 3.53 cfs @ 11.97 hrs, Volume= 7,965 cf
Outflow = 1.17 cfs @ 11.80 hrs, Volume= 7,965 cf, Atten= 67%, Lag= 0.0 min
Discarded = 1.17 cfs @ 11.80 hrs, Volume= 7,965 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 108.56' @ 12.11 hrs Surf.Area= 1,609 sf Storage= 1,391 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 5.0 min (810.6 - 805.6)

Volume	Invert	Avail.Storage	Storage Description
#1A	107.00'	2,478 cf	**22.92'W x 70.23'L x 5.75'H Field A** 9,254 cf Overall - 3,058 cf Embedded = 6,196 cf x 40.0% Voids
#2A	108.00'	3,058 cf	**ADS_StormTech MC-3500 d +Cap** x 27 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 3 Rows of 9 Chambers Cap Storage= +14.9 cf x 2 x 3 rows = 89.4 cf
		5,537 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	107.00'	**31.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=1.17 cfs @ 11.80 hrs HW=107.06' (Free Discharge)
↑**1=Exfiltration** (Exfiltration Controls 1.17 cfs)

Pond 17P: UGC-2 - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)
Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf
Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap
Cap Storage= +14.9 cf x 2 x 3 rows = 89.4 cf

77.0" Wide + 10.0" Spacing = 87.0" C-C Row Spacing

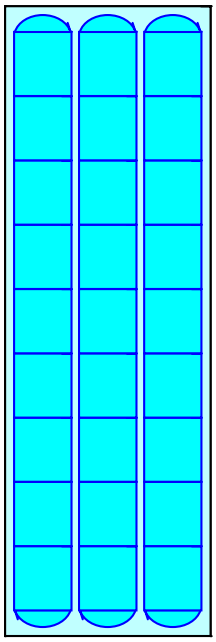
9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +12.0" End Stone x 2 = 70.23' Base Length
3 Rows x 77.0" Wide + 10.0" Spacing x 2 + 12.0" Side Stone x 2 = 22.92' Base Width
12.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.75' Field Height

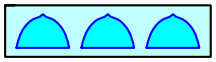
27 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 3 Rows = 3,058.1 cf Chamber Storage

9,254.3 cf Field - 3,058.1 cf Chambers = 6,196.2 cf Stone x 40.0% Voids = 2,478.5 cf Stone Storage

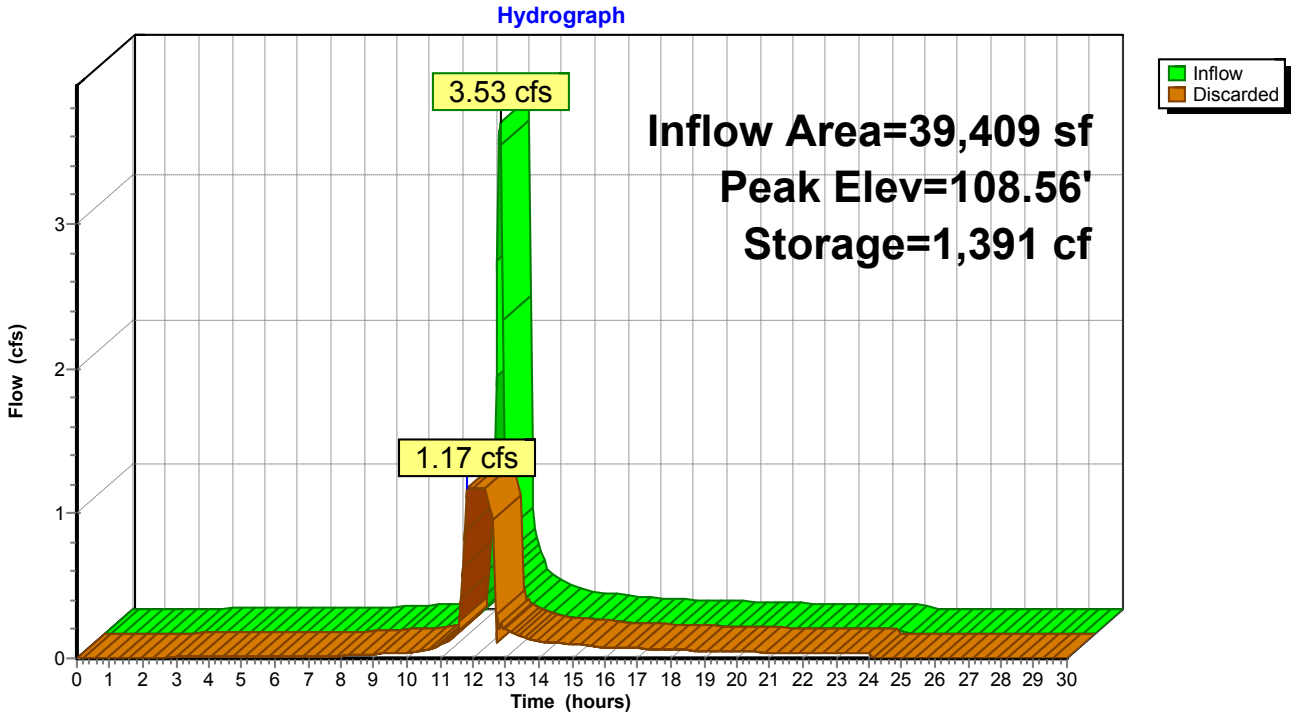
Chamber Storage + Stone Storage = 5,536.6 cf = 0.127 af
Overall Storage Efficiency = 59.8%
Overall System Size = 70.23' x 22.92' x 5.75'

27 Chambers
342.8 cy Field
229.5 cy Stone

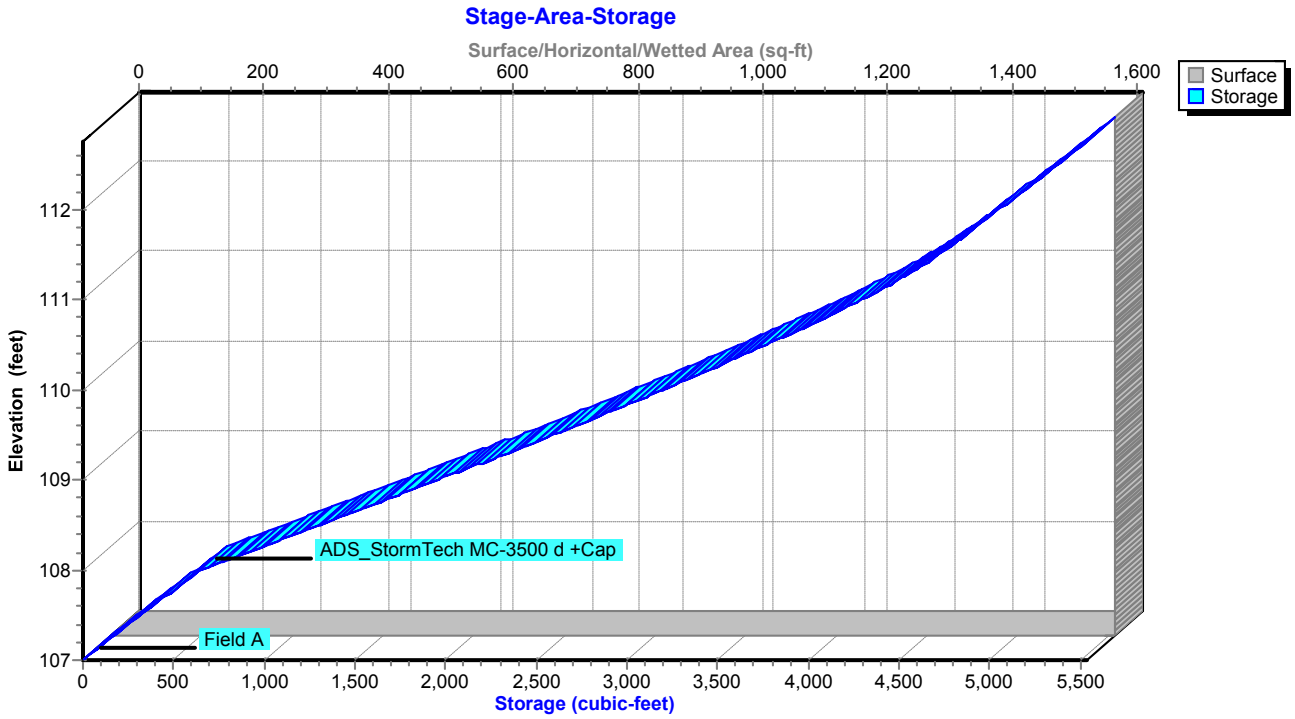




Pond 17P: UGC-2



Pond 17P: UGC-2



Stage-Area-Storage for Pond 17P: UGC-2

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
107.00	**1,609**	0
107.10	1,609	64
107.20	1,609	129
107.30	1,609	193
107.40	1,609	258
107.50	1,609	322
107.60	1,609	386
107.70	1,609	451
107.80	1,609	515
107.90	1,609	579
108.00	1,609	644
108.10	1,609	778
108.20	1,609	912
108.30	1,609	1,046
108.40	1,609	1,178
108.50	1,609	1,311
108.60	1,609	1,443
108.70	1,609	1,574
108.80	1,609	1,704
108.90	1,609	1,834
109.00	1,609	1,963
109.10	1,609	2,092
109.20	1,609	2,219
109.30	1,609	2,346
109.40	1,609	2,472
109.50	1,609	2,597
109.60	1,609	2,720
109.70	1,609	2,843
109.80	1,609	2,965
109.90	1,609	3,085
110.00	1,609	3,204
110.10	1,609	3,321
110.20	1,609	3,437
110.30	1,609	3,551
110.40	1,609	3,664
110.50	1,609	3,775
110.60	1,609	3,884
110.70	1,609	3,990
110.80	1,609	4,094
110.90	1,609	4,196
111.00	1,609	4,295
111.10	1,609	4,390
111.20	1,609	4,482
111.30	1,609	4,569
111.40	1,609	4,649
111.50	1,609	4,723
111.60	1,609	4,793
111.70	1,609	4,860
111.80	1,609	4,925
111.90	1,609	4,989
112.00	1,609	5,054
112.10	1,609	5,118
112.20	1,609	5,182
112.30	1,609	5,247
112.40	1,609	5,311
112.50	1,609	5,376
112.60	1,609	5,440
112.70	1,609	**5,504**

Summary for Pond DP-3: DP-3

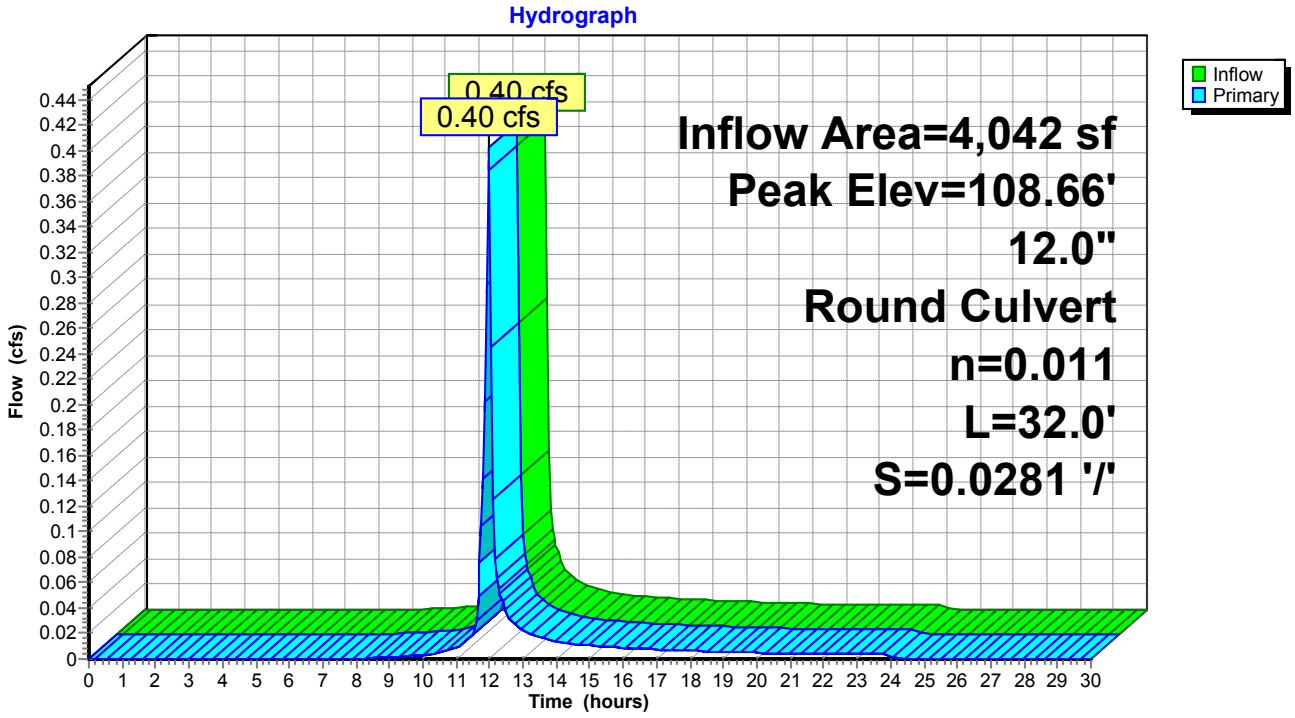
Inflow Area = 4,042 sf, 67.84% Impervious, Inflow Depth = 2.53" for 10-YEAR event
Inflow = 0.40 cfs @ 11.97 hrs, Volume= 852 cf
Outflow = 0.40 cfs @ 11.97 hrs, Volume= 852 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.40 cfs @ 11.97 hrs, Volume= 852 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 108.66' @ 11.97 hrs
Flood Elev= 112.38'

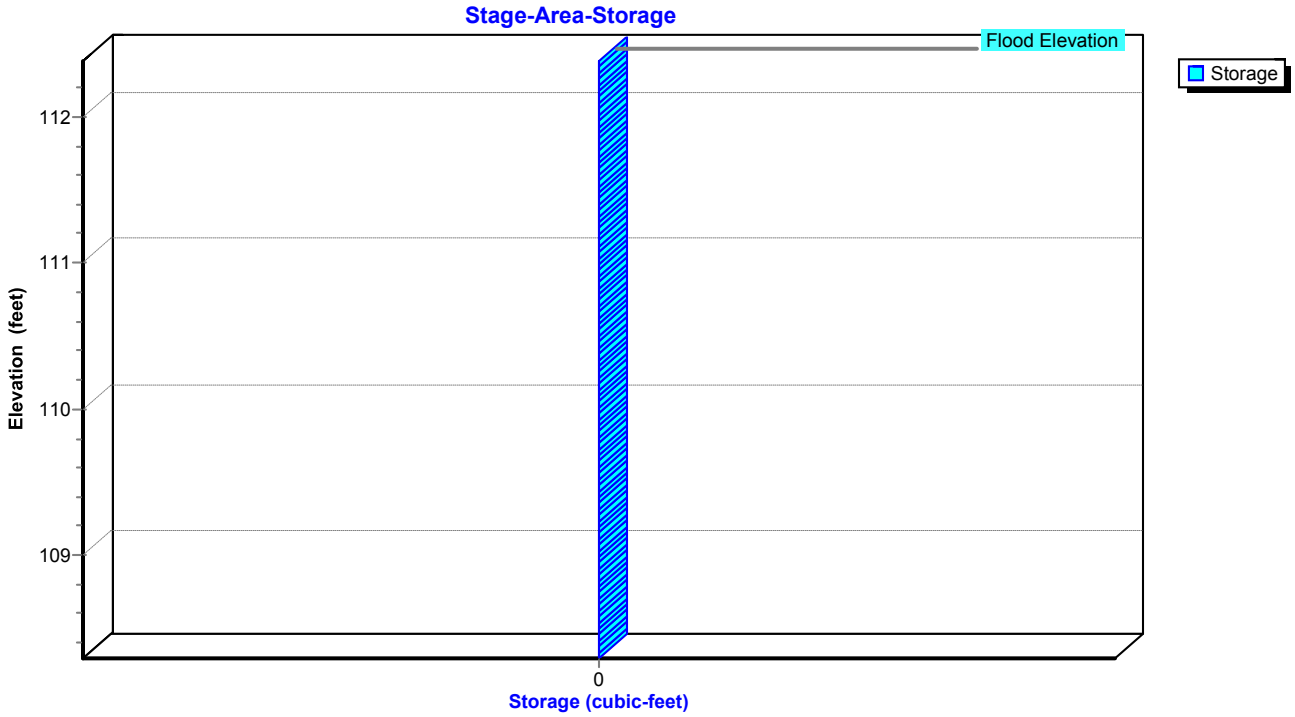
Device	Routing	Invert	Outlet Devices
#1	Primary	108.30'	**12.0" Round Culvert** L= 32.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.30' / 107.40' S= 0.0281 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 0.79 sf

Primary OutFlow Max=0.39 cfs @ 11.97 hrs HW=108.65' (Free Discharge)
1=Culvert (Inlet Controls 0.39 cfs @ 1.59 fps)

Pond DP-3: DP-3



Pond DP-3: DP-3


Stage-Area-Storage
Flood Elevation
Storage
112
111
110
109
Elevation (feet)
0
Storage (cubic-feet)

Stage-Area-Storage for Pond DP-3: DP-3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.30	**0**	110.95	0
108.35	0	111.00	0
108.40	0	111.05	0
108.45	0	111.10	0
108.50	0	111.15	0
108.55	0	111.20	0
108.60	0	111.25	0
108.65	0	111.30	0
108.70	0	111.35	0
108.75	0	111.40	0
108.80	0	111.45	0
108.85	0	111.50	0
108.90	0	111.55	0
108.95	0	111.60	0
109.00	0	111.65	0
109.05	0	111.70	0
109.10	0	111.75	0
109.15	0	111.80	0
109.20	0	111.85	0
109.25	0	111.90	0
109.30	0	111.95	0
109.35	0	112.00	0
109.40	0	112.05	0
109.45	0	112.10	0
109.50	0	112.15	0
109.55	0	112.20	0
109.60	0	112.25	0
109.65	0	112.30	0
109.70	0	112.35	0
109.75	0		
109.80	0		
109.85	0		
109.90	0		
109.95	0		
110.00	0		
110.05	0		
110.10	0		
110.15	0		
110.20	0		
110.25	0		
110.30	0		
110.35	0		
110.40	0		
110.45	0		
110.50	0		
110.55	0		
110.60	0		
110.65	0		
110.70	0		
110.75	0		
110.80	0		
110.85	0		
110.90	0		

Time span=0.00-30.00 hrs, dt=0.05 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA-1: DA-1 Runoff Area=33,352 sf 61.72% Impervious Runoff Depth=5.71"
Tc=6.0 min CN=79 Runoff=7.27 cfs 15,879 cf

Subcatchment DA-10: DA-10 Runoff Area=4,891 sf 100.00% Impervious Runoff Depth=7.98"
Tc=6.0 min CN=98 Runoff=1.28 cfs 3,253 cf

Subcatchment DA-11: DA-11 Runoff Area=3,220 sf 100.00% Impervious Runoff Depth=7.98"
Tc=6.0 min CN=98 Runoff=0.84 cfs 2,141 cf

Subcatchment DA-2: DA-2 Runoff Area=5,279 sf 65.56% Impervious Runoff Depth=5.59"
Tc=6.0 min CN=78 Runoff=1.13 cfs 2,461 cf

Subcatchment DA-3: DA-3 Runoff Area=4,042 sf 67.84% Impervious Runoff Depth=5.71"
Tc=6.0 min CN=79 Runoff=0.88 cfs 1,924 cf

Subcatchment DA-4: DA-4 Runoff Area=21,677 sf 48.09% Impervious Runoff Depth=4.30"
Tc=6.0 min CN=67 Runoff=3.68 cfs 7,776 cf

Subcatchment DA-5: DA-5 Runoff Area=4,633 sf 67.65% Impervious Runoff Depth=5.71"
Tc=6.0 min CN=79 Runoff=1.01 cfs 2,206 cf

Subcatchment DA-6: DA-6 Runoff Area=5,259 sf 73.44% Impervious Runoff Depth=6.07"
Tc=6.0 min CN=82 Runoff=1.20 cfs 2,660 cf

Subcatchment DA-7: DA-7 Runoff Area=6,429 sf 78.05% Impervious Runoff Depth=6.43"
Tc=6.0 min CN=85 Runoff=1.53 cfs 3,443 cf

Subcatchment DA-8: DA-8 Runoff Area=8,036 sf 62.98% Impervious Runoff Depth=5.36"
Tc=6.0 min CN=76 Runoff=1.66 cfs 3,588 cf

Subcatchment DA-9: DA-9 Runoff Area=4,620 sf 100.00% Impervious Runoff Depth=7.98"
Tc=6.0 min CN=98 Runoff=1.21 cfs 3,072 cf

Reach DP-1: DP-1 Inflow=7.27 cfs 15,879 cf
Outflow=7.27 cfs 15,879 cf

Reach DP-4: DP-4 Inflow=1.66 cfs 3,588 cf
Outflow=1.66 cfs 3,588 cf

Pond 1P: PR CB#5 Peak Elev=112.52' Inflow=1.13 cfs 2,461 cf
18.0" Round Culvert n=0.012 L=45.0' S=0.0100 '/' Outflow=1.13 cfs 2,461 cf

Pond 9P: PR CB #1 Peak Elev=111.38' Inflow=2.81 cfs 6,695 cf
12.0" Round Culvert n=0.010 L=23.0' S=0.0100 '/' Outflow=2.81 cfs 6,695 cf

Pond 10P: UGC-1 Peak Elev=112.01' Storage=2,719 cf Inflow=2.81 cfs 6,695 cf
Outflow=0.17 cfs 6,695 cf

Pond 11P: PR CB #2 Peak Elev=111.02' Inflow=2.04 cfs 4,801 cf
12.0" Round Culvert n=0.010 L=10.0' S=0.0100 '/' Outflow=2.04 cfs 4,801 cf

Pond 13P: PR CB #3 Peak Elev=111.48' Inflow=3.05 cfs 7,007 cf
12.0" Round Culvert n=0.010 L=88.0' S=0.0100 '/' Outflow=3.05 cfs 7,007 cf

Pond 15P: PR CB #4 Peak Elev=109.69' Inflow=7.94 cfs 17,855 cf
24.0" Round Culvert n=0.010 L=4.0' S=0.0150 '/' Outflow=7.94 cfs 17,855 cf

Pond 17P: UGC-2 Peak Elev=112.53' Storage=5,392 cf Inflow=7.94 cfs 17,855 cf
Outflow=1.17 cfs 17,881 cf

Pond DP-3: DP-3 Peak Elev=108.85' Inflow=0.88 cfs 1,924 cf
12.0" Round Culvert n=0.011 L=32.0' S=0.0281 '/' Outflow=0.88 cfs 1,924 cf

Total Runoff Area = 101,438 sf Runoff Volume = 48,402 cf Average Runoff Depth = 5.73"
33.93% Pervious = 34,420 sf 66.07% Impervious = 67,018 sf

Summary for Subcatchment DA-1: DA-1

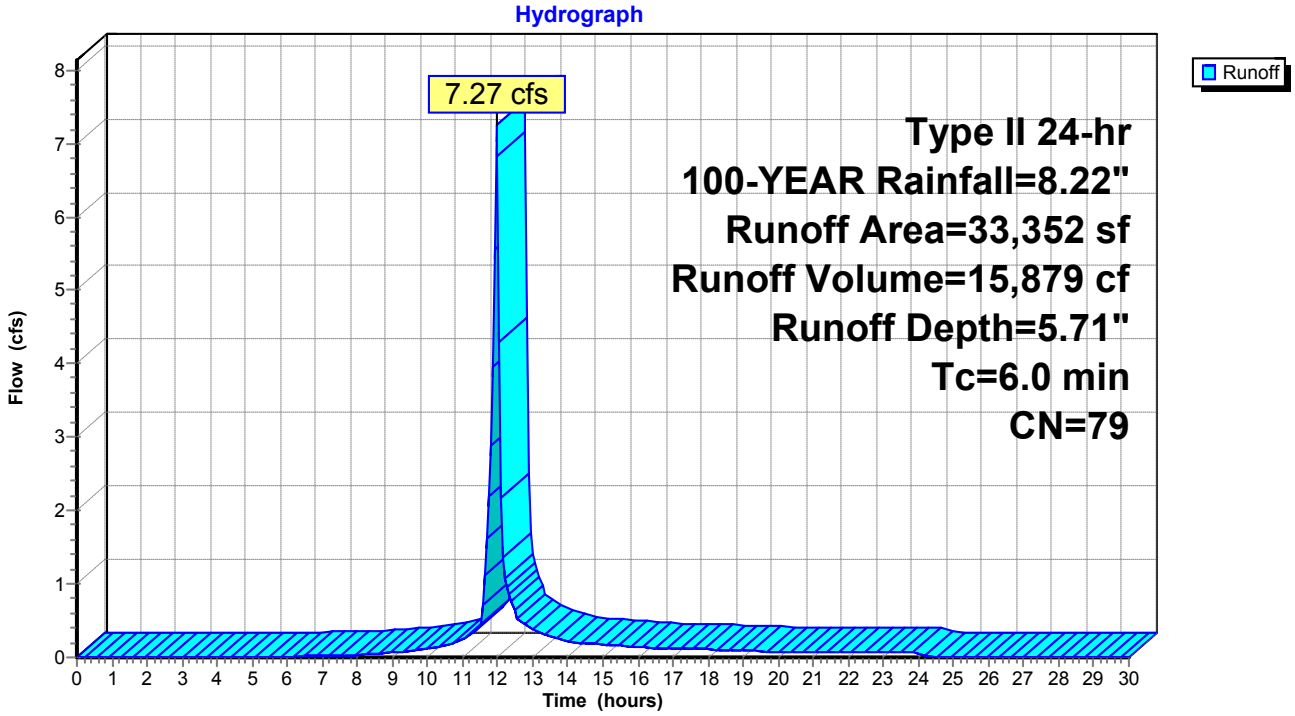
Runoff = 7.27 cfs @ 11.97 hrs, Volume= 15,879 cf, Depth= 5.71"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
12,767	49	50-75% Grass cover, Fair, HSG A
20,585	98	Paved parking, HSG A
33,352	79	Weighted Average
12,767		38.28% Pervious Area
20,585		61.72% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-1: DA-1



Summary for Subcatchment DA-10: DA-10

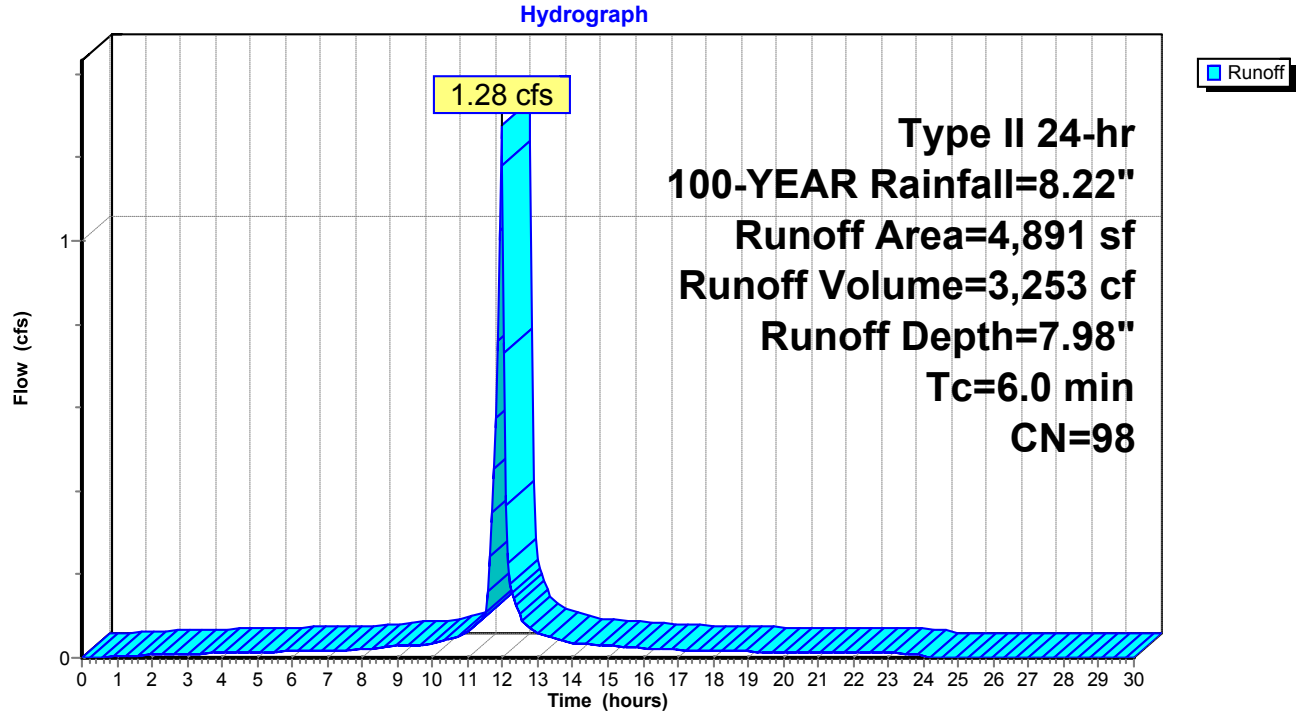
Runoff = 1.28 cfs @ 11.96 hrs, Volume= 3,253 cf, Depth= 7.98"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
4,891	98	Roofs, HSG A
4,891		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-10: DA-10



Summary for Subcatchment DA-11: DA-11

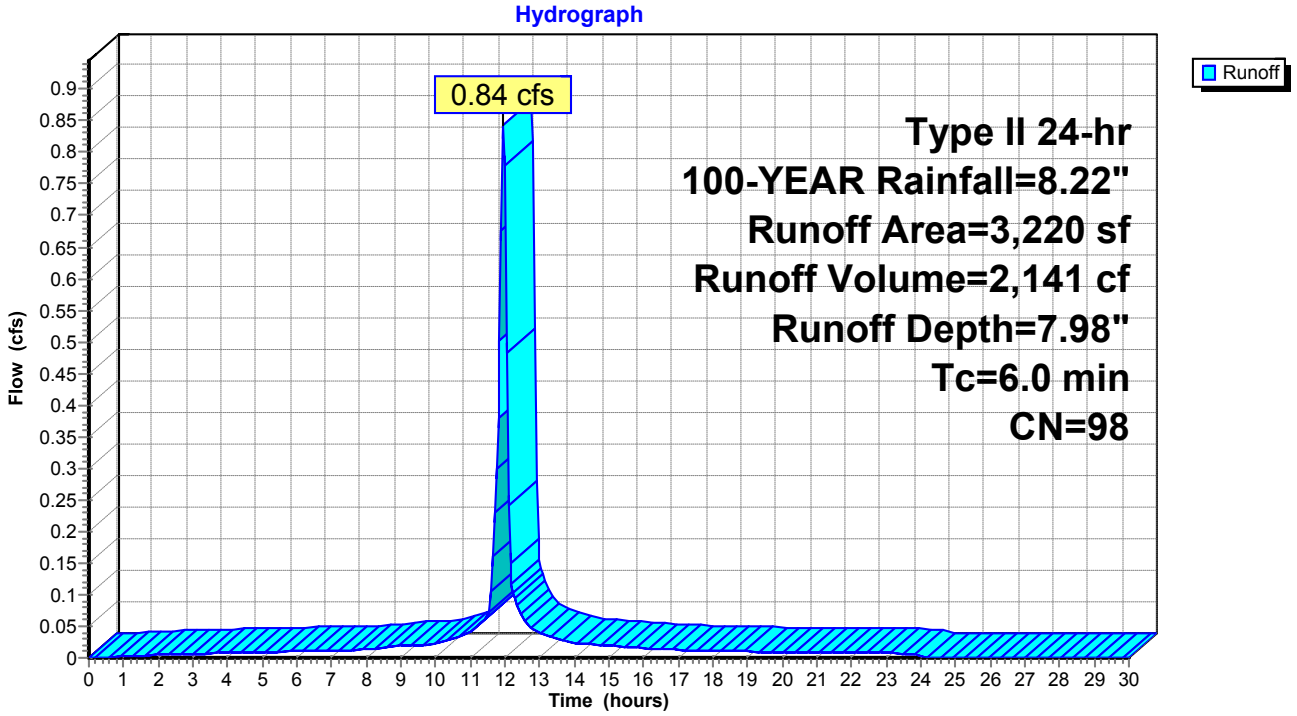
Runoff = 0.84 cfs @ 11.96 hrs, Volume= 2,141 cf, Depth= 7.98"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
3,220	98	Roofs, HSG A
3,220		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-11: DA-11



Summary for Subcatchment DA-2: DA-2

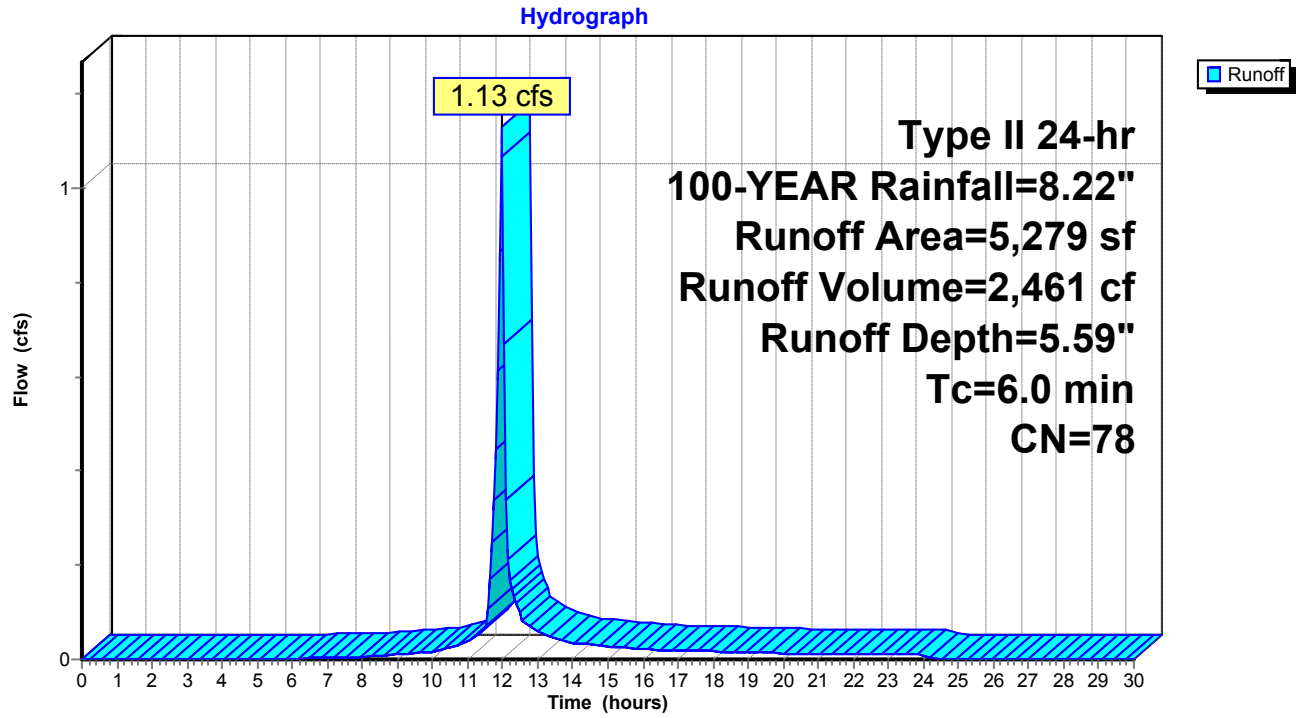
Runoff = 1.13 cfs @ 11.97 hrs, Volume= 2,461 cf, Depth= 5.59"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
1,818	39	>75% Grass cover, Good, HSG A
3,461	98	Paved parking, HSG A
5,279	78	Weighted Average
1,818		34.44% Pervious Area
3,461		65.56% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-2: DA-2



Summary for Subcatchment DA-3: DA-3

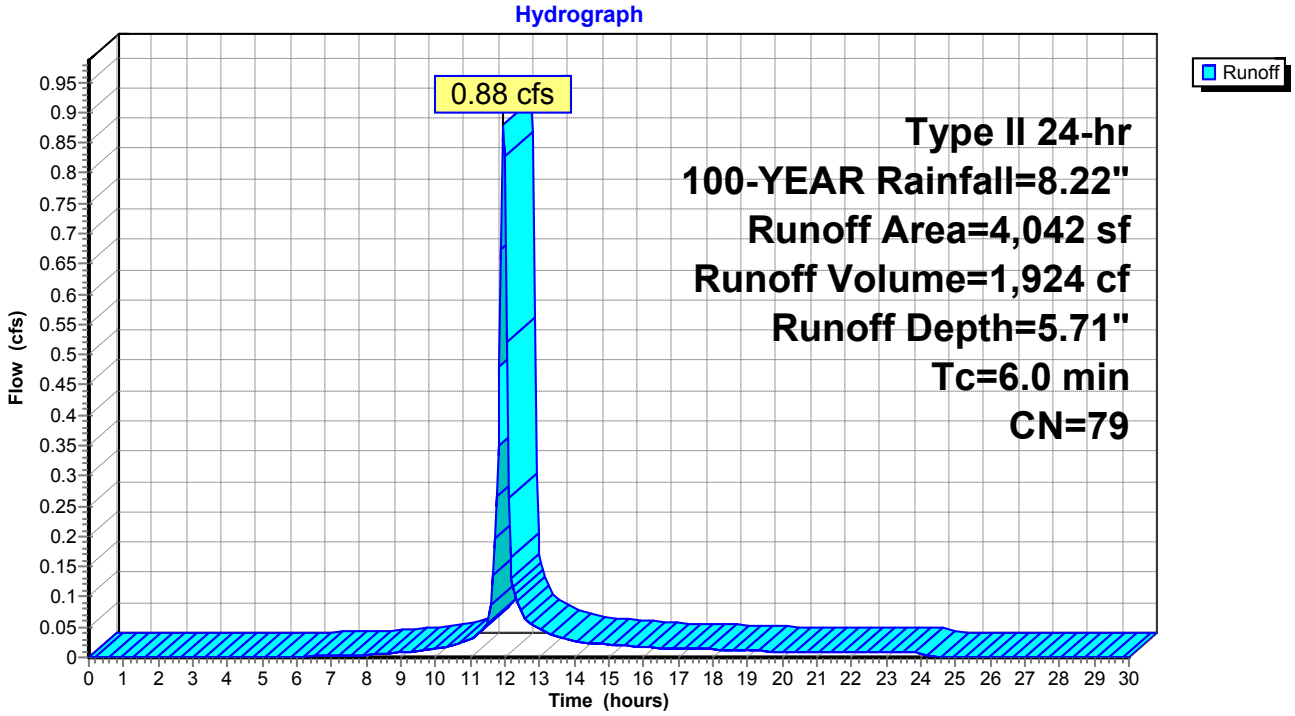
Runoff = 0.88 cfs @ 11.97 hrs, Volume= 1,924 cf, Depth= 5.71"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
1,300	39	>75% Grass cover, Good, HSG A
2,742	98	Paved parking, HSG A
4,042	79	Weighted Average
1,300		32.16% Pervious Area
2,742		67.84% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-3: DA-3



Summary for Subcatchment DA-4: DA-4

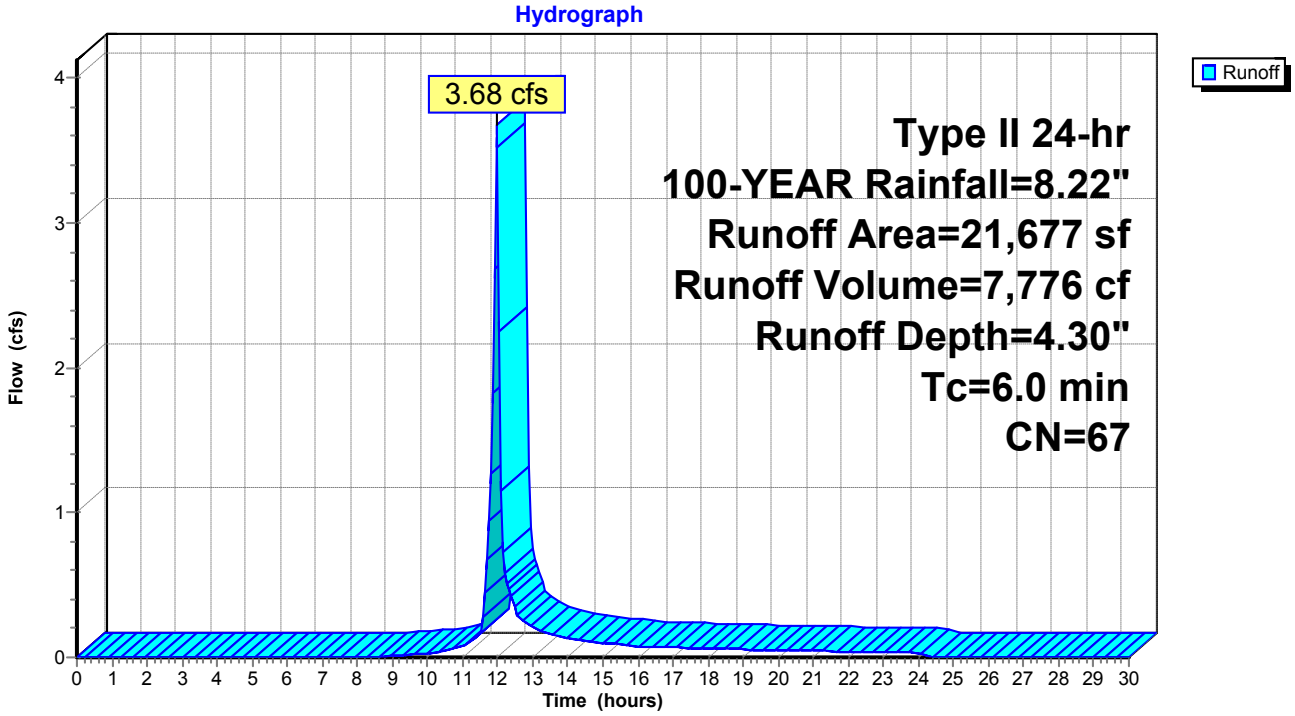
Runoff = 3.68 cfs @ 11.97 hrs, Volume= 7,776 cf, Depth= 4.30"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
11,253	39	>75% Grass cover, Good, HSG A
10,424	98	Paved parking, HSG A
21,677	67	Weighted Average
11,253		51.91% Pervious Area
10,424		48.09% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-4: DA-4



Summary for Subcatchment DA-5: DA-5

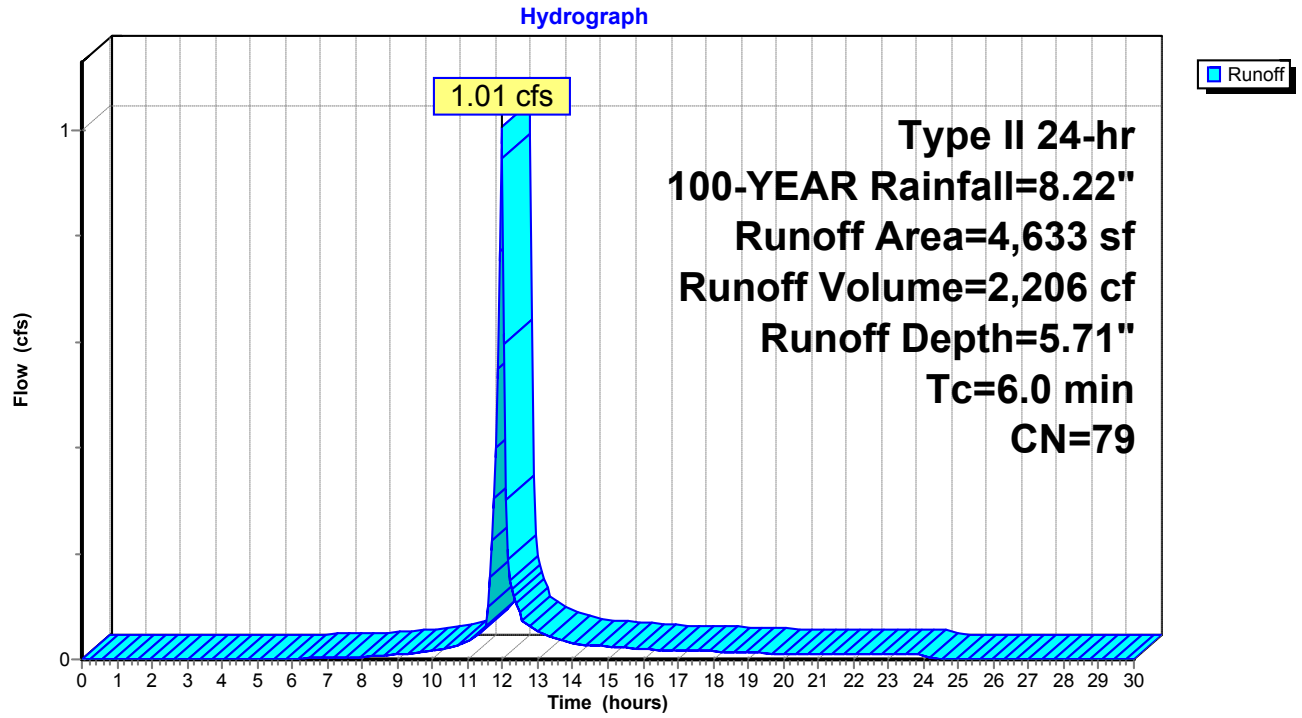
Runoff = 1.01 cfs @ 11.97 hrs, Volume= 2,206 cf, Depth= 5.71"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
1,499	39	>75% Grass cover, Good, HSG A
3,134	98	Paved parking, HSG A
4,633	79	Weighted Average
1,499		32.35% Pervious Area
3,134		67.65% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-5: DA-5



Summary for Subcatchment DA-6: DA-6

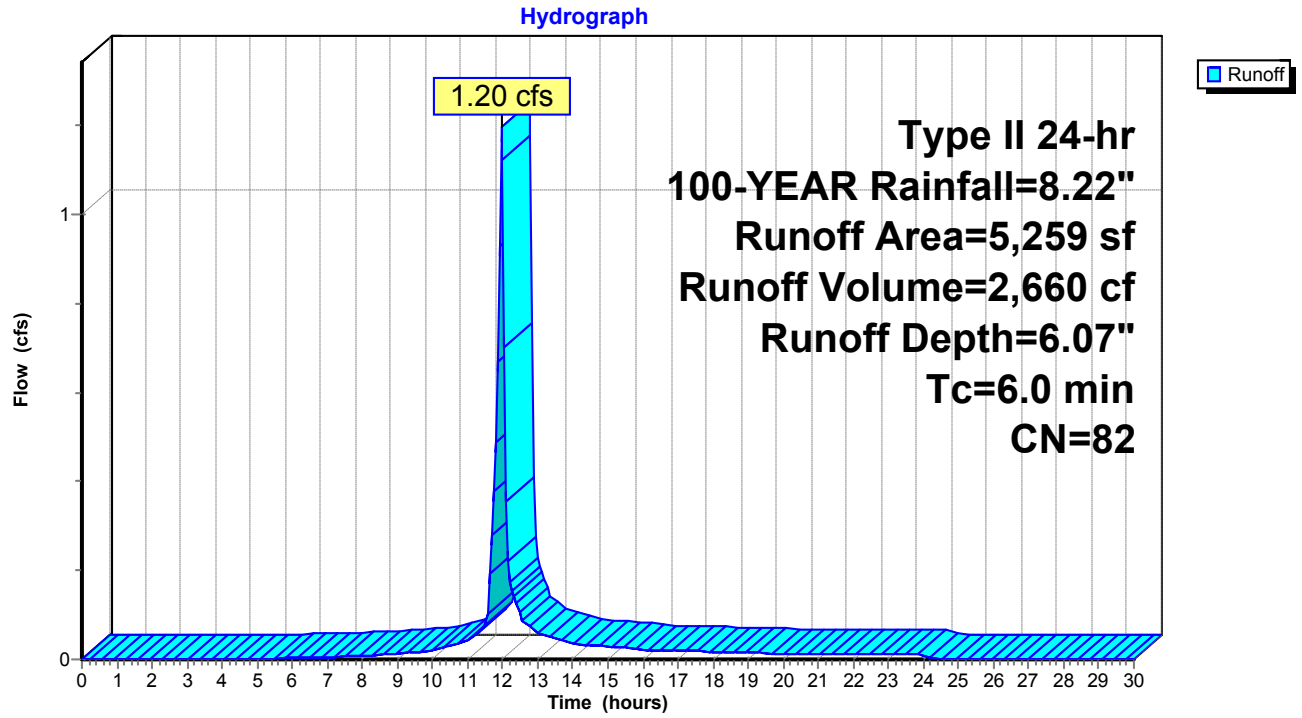
Runoff = 1.20 cfs @ 11.97 hrs, Volume= 2,660 cf, Depth= 6.07"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
1,397	39	>75% Grass cover, Good, HSG A
3,862	98	Paved parking, HSG A
5,259	82	Weighted Average
1,397		26.56% Pervious Area
3,862		73.44% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-6: DA-6



Summary for Subcatchment DA-7: DA-7

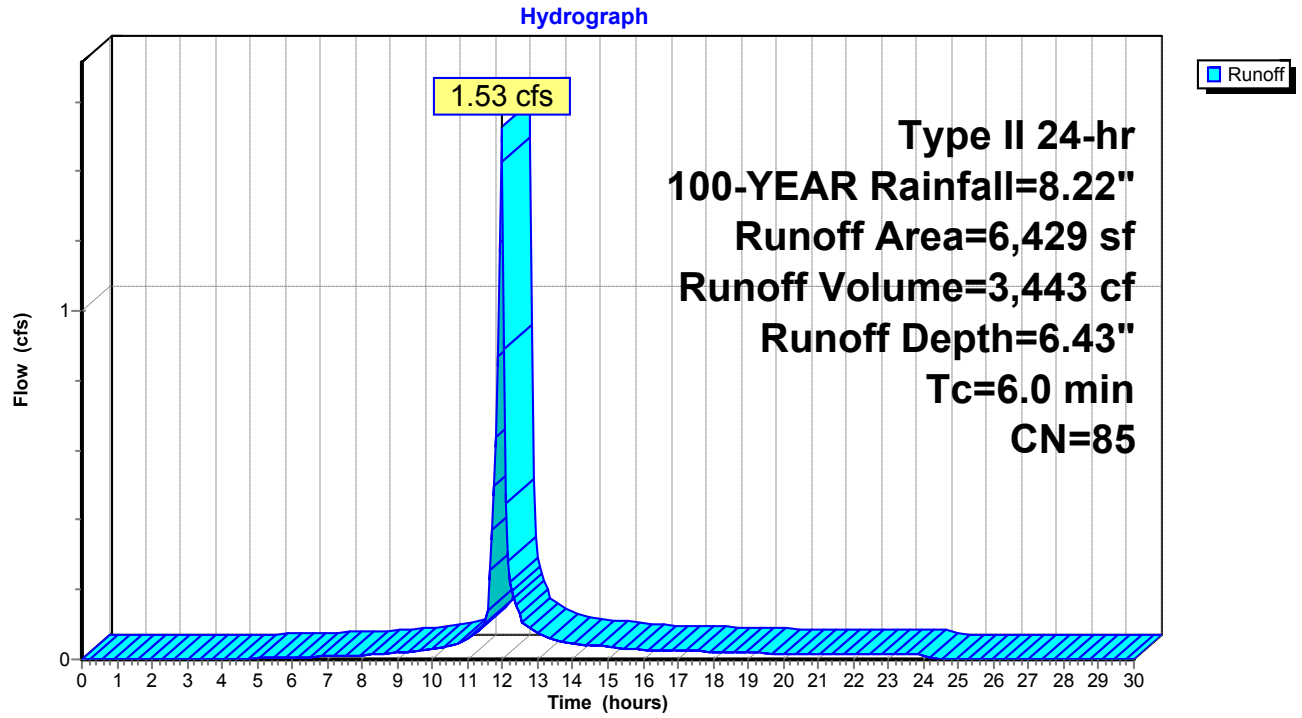
Runoff = 1.53 cfs @ 11.96 hrs, Volume= 3,443 cf, Depth= 6.43"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
1,411	39	>75% Grass cover, Good, HSG A
5,018	98	Paved parking, HSG A
6,429	85	Weighted Average
1,411		21.95% Pervious Area
5,018		78.05% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-7: DA-7



Summary for Subcatchment DA-8: DA-8

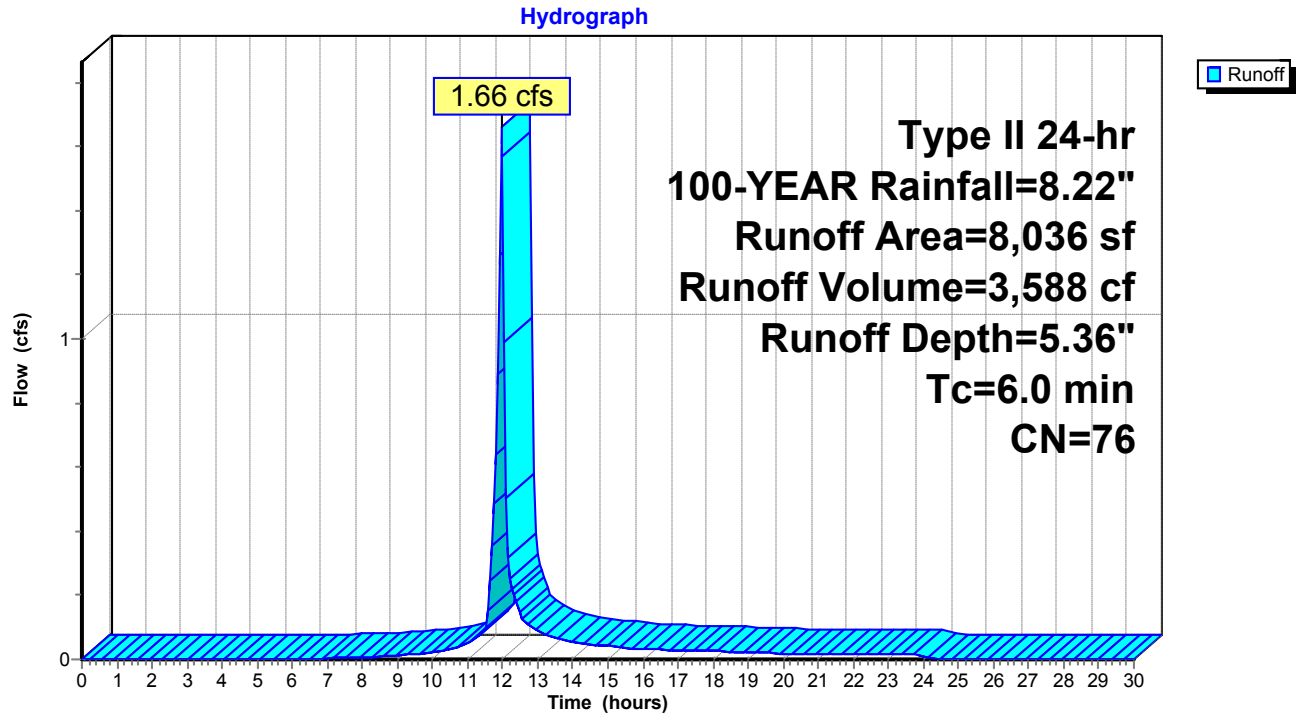
Runoff = 1.66 cfs @ 11.97 hrs, Volume= 3,588 cf, Depth= 5.36"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
2,975	39	>75% Grass cover, Good, HSG A
5,061	98	Paved parking, HSG A
8,036	76	Weighted Average
2,975		37.02% Pervious Area
5,061		62.98% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-8: DA-8



Summary for Subcatchment DA-9: DA-9

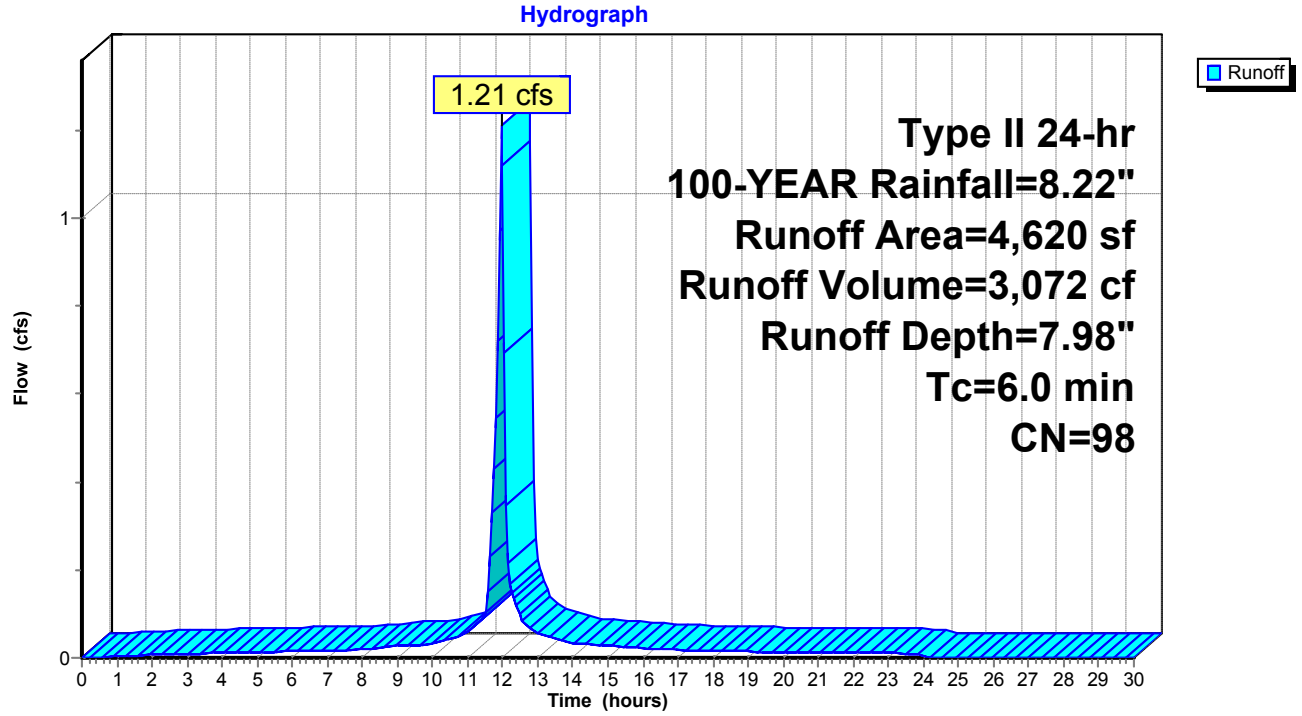
Runoff = 1.21 cfs @ 11.96 hrs, Volume= 3,072 cf, Depth= 7.98"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Type II 24-hr 100-YEAR Rainfall=8.22"

Area (sf)	CN	Description
4,620	98	Roofs, HSG A
4,620		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MIN TC**

Subcatchment DA-9: DA-9

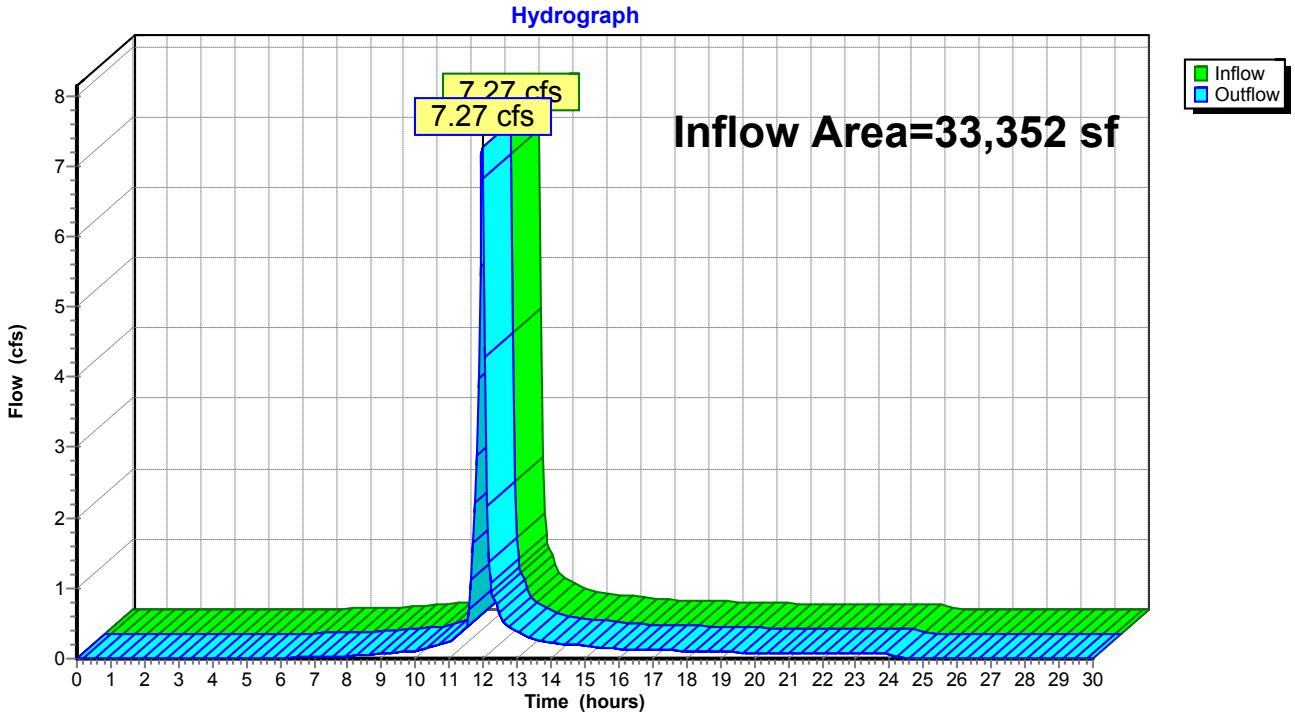


Summary for Reach DP-1: DP-1

Inflow Area = 33,352 sf, 61.72% Impervious, Inflow Depth = 5.71" for 100-YEAR event
Inflow = 7.27 cfs @ 11.97 hrs, Volume= 15,879 cf
Outflow = 7.27 cfs @ 11.97 hrs, Volume= 15,879 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs

Reach DP-1: DP-1

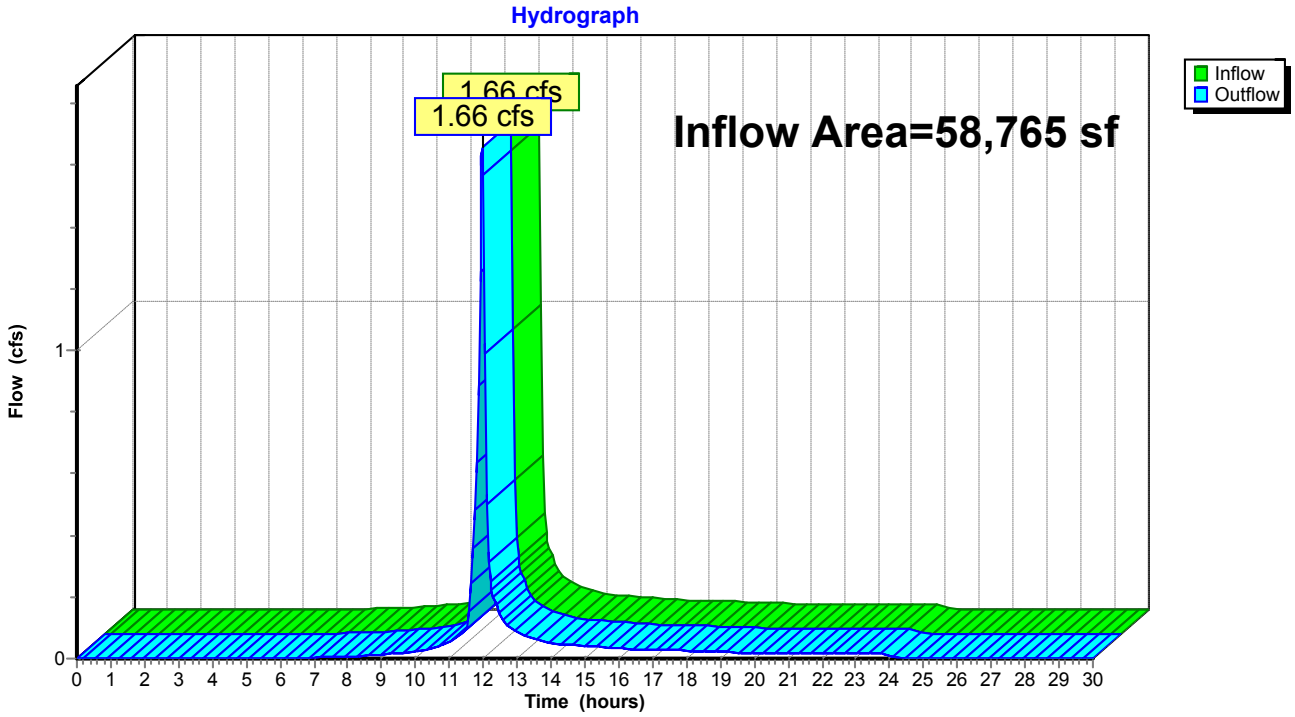


Summary for Reach DP-4: DP-4

Inflow Area = 58,765 sf, 68.46% Impervious, Inflow Depth = 0.73" for 100-YEAR event
Inflow = 1.66 cfs @ 11.97 hrs, Volume= 3,588 cf
Outflow = 1.66 cfs @ 11.97 hrs, Volume= 3,588 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs

Reach DP-4: DP-4



Summary for Pond 1P: PR CB#5

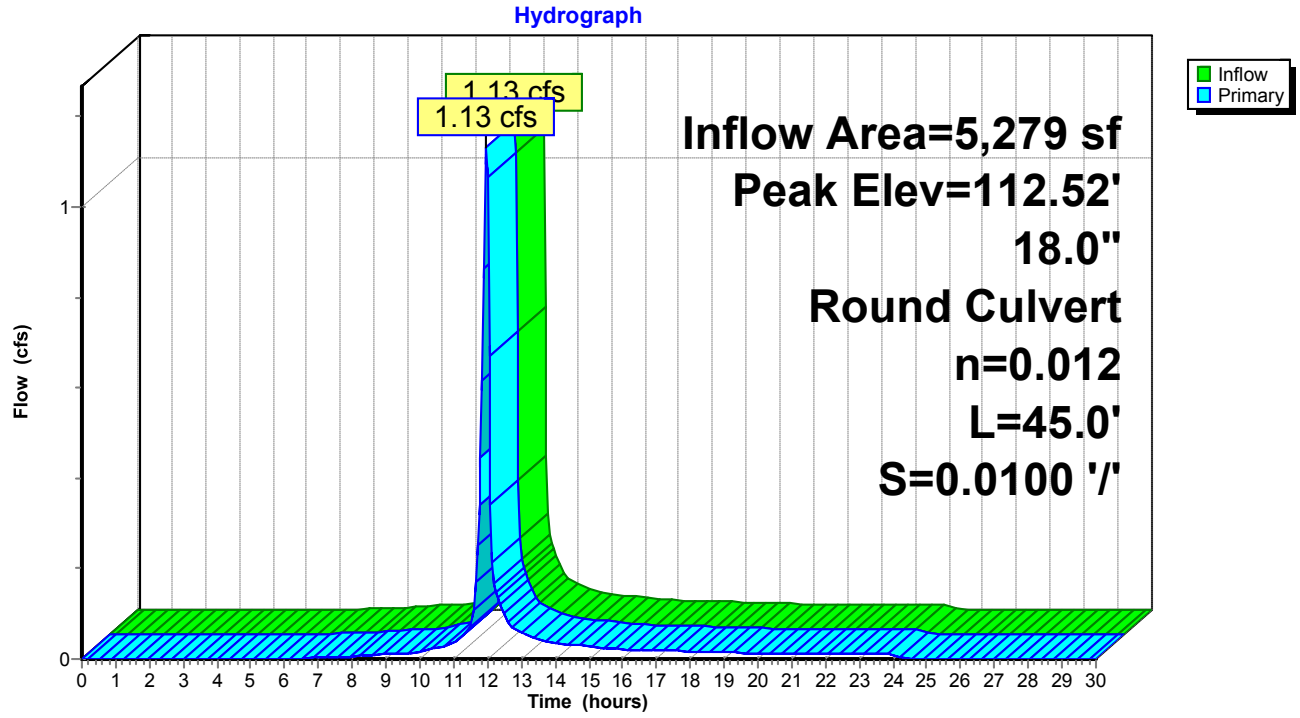
Inflow Area = 5,279 sf, 65.56% Impervious, Inflow Depth = 5.59" for 100-YEAR event
Inflow = 1.13 cfs @ 11.97 hrs, Volume= 2,461 cf
Outflow = 1.13 cfs @ 11.97 hrs, Volume= 2,461 cf, Atten= 0%, Lag= 0.0 min
Primary = 1.13 cfs @ 11.97 hrs, Volume= 2,461 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 112.52' @ 11.97 hrs
Flood Elev= 114.98'

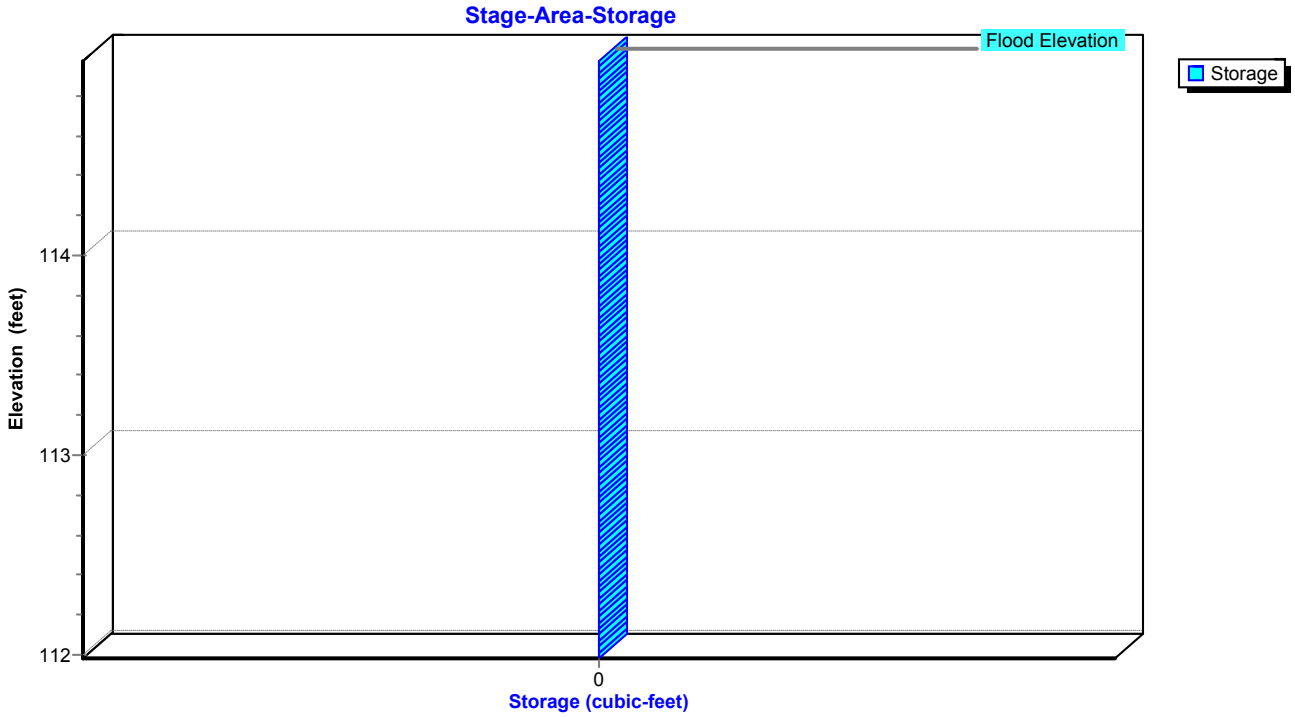
Device	Routing	Invert	Outlet Devices
#1	Primary	111.98'	**18.0" Round Culvert** L= 45.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 111.98' / 111.53' S= 0.0100 '/' Cc= 0.900 n= 0.012 Concrete pipe, finished, Flow Area= 1.77 sf

Primary OutFlow Max=1.10 cfs @ 11.97 hrs HW=112.51' (Free Discharge)
1=Culvert (Inlet Controls 1.10 cfs @ 1.96 fps)

Pond 1P: PR CB#5



Pond 1P: PR CB#5



Stage-Area-Storage for Pond 1P: PR CB#5

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
111.98	**0**	113.04	0	114.10	0
112.00	0	113.06	0	114.12	0
112.02	0	113.08	0	114.14	0
112.04	0	113.10	0	114.16	0
112.06	0	113.12	0	114.18	0
112.08	0	113.14	0	114.20	0
112.10	0	113.16	0	114.22	0
112.12	0	113.18	0	114.24	0
112.14	0	113.20	0	114.26	0
112.16	0	113.22	0	114.28	0
112.18	0	113.24	0	114.30	0
112.20	0	113.26	0	114.32	0
112.22	0	113.28	0	114.34	0
112.24	0	113.30	0	114.36	0
112.26	0	113.32	0	114.38	0
112.28	0	113.34	0	114.40	0
112.30	0	113.36	0	114.42	0
112.32	0	113.38	0	114.44	0
112.34	0	113.40	0	114.46	0
112.36	0	113.42	0	114.48	0
112.38	0	113.44	0	114.50	0
112.40	0	113.46	0	114.52	0
112.42	0	113.48	0	114.54	0
112.44	0	113.50	0	114.56	0
112.46	0	113.52	0	114.58	0
112.48	0	113.54	0	114.60	0
112.50	0	113.56	0	114.62	0
112.52	0	113.58	0	114.64	0
112.54	0	113.60	0	114.66	0
112.56	0	113.62	0	114.68	0
112.58	0	113.64	0	114.70	0
112.60	0	113.66	0	114.72	0
112.62	0	113.68	0	114.74	0
112.64	0	113.70	0	114.76	0
112.66	0	113.72	0	114.78	0
112.68	0	113.74	0	114.80	0
112.70	0	113.76	0	114.82	0
112.72	0	113.78	0	114.84	0
112.74	0	113.80	0	114.86	0
112.76	0	113.82	0	114.88	0
112.78	0	113.84	0	114.90	0
112.80	0	113.86	0	114.92	0
112.82	0	113.88	0	114.94	0
112.84	0	113.90	0	114.96	0
112.86	0	113.92	0	114.98	0
112.88	0	113.94	0		
112.90	0	113.96	0		
112.92	0	113.98	0		
112.94	0	114.00	0		
112.96	0	114.02	0		
112.98	0	114.04	0		
113.00	0	114.06	0		
113.02	0	114.08	0		

Summary for Pond 9P: PR CB #1

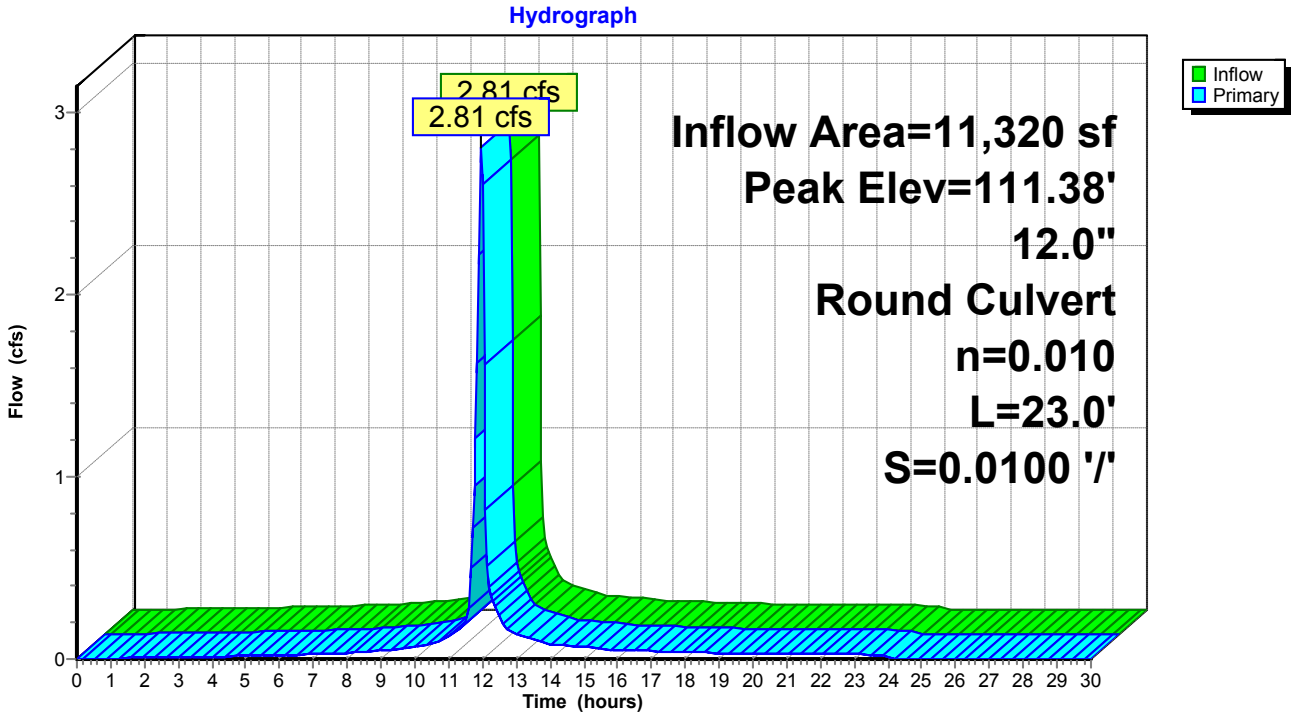
Inflow Area = 11,320 sf, 87.54% Impervious, Inflow Depth = 7.10" for 100-YEAR event
Inflow = 2.81 cfs @ 11.96 hrs, Volume= 6,695 cf
Outflow = 2.81 cfs @ 11.96 hrs, Volume= 6,695 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.81 cfs @ 11.96 hrs, Volume= 6,695 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 111.38' @ 11.96 hrs
Flood Elev= 113.00'

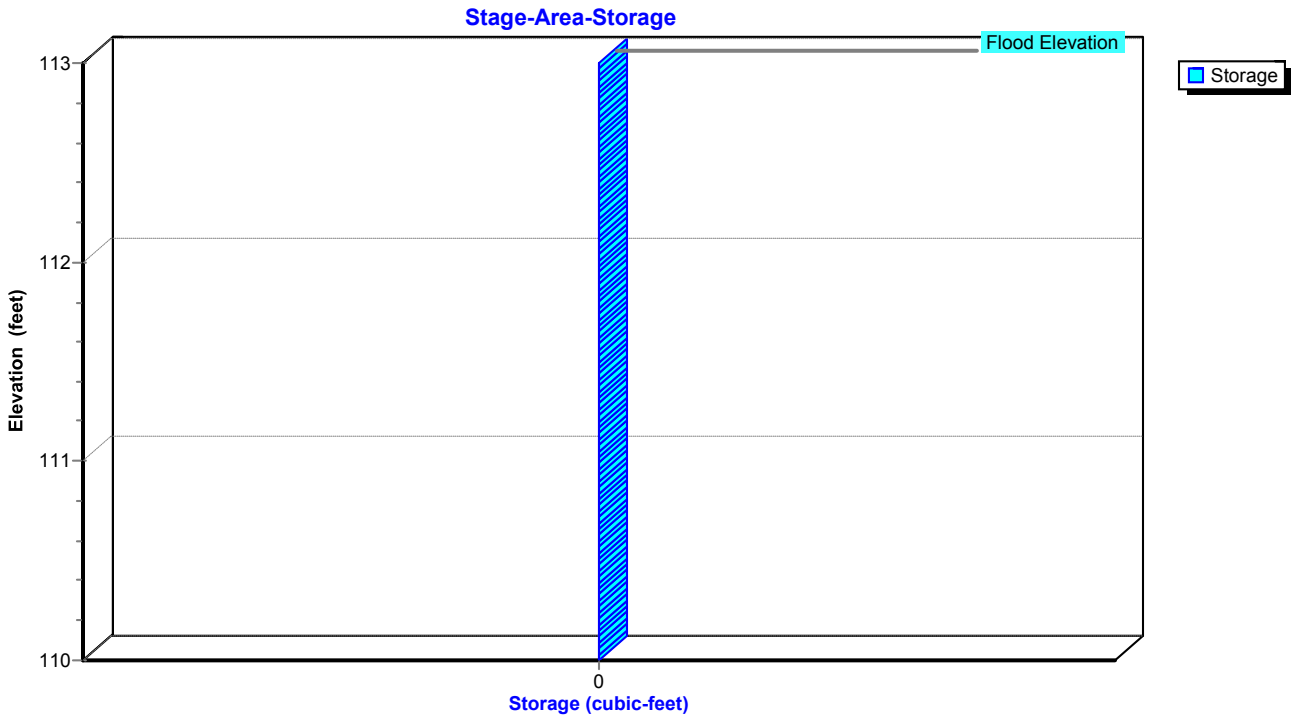
Device	Routing	Invert	Outlet Devices
#1	Primary	110.00'	**12.0" Round Culvert** L= 23.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 110.00' / 109.77' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=2.74 cfs @ 11.96 hrs HW=111.34' (Free Discharge)
1=Culvert (Inlet Controls 2.74 cfs @ 3.49 fps)

Pond 9P: PR CB #1



Pond 9P: PR CB #1



Stage-Area-Storage for Pond 9P: PR CB #1

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
110.00	**0**	111.06	0	112.12	0
110.02	0	111.08	0	112.14	0
110.04	0	111.10	0	112.16	0
110.06	0	111.12	0	112.18	0
110.08	0	111.14	0	112.20	0
110.10	0	111.16	0	112.22	0
110.12	0	111.18	0	112.24	0
110.14	0	111.20	0	112.26	0
110.16	0	111.22	0	112.28	0
110.18	0	111.24	0	112.30	0
110.20	0	111.26	0	112.32	0
110.22	0	111.28	0	112.34	0
110.24	0	111.30	0	112.36	0
110.26	0	111.32	0	112.38	0
110.28	0	111.34	0	112.40	0
110.30	0	111.36	0	112.42	0
110.32	0	111.38	0	112.44	0
110.34	0	111.40	0	112.46	0
110.36	0	111.42	0	112.48	0
110.38	0	111.44	0	112.50	0
110.40	0	111.46	0	112.52	0
110.42	0	111.48	0	112.54	0
110.44	0	111.50	0	112.56	0
110.46	0	111.52	0	112.58	0
110.48	0	111.54	0	112.60	0
110.50	0	111.56	0	112.62	0
110.52	0	111.58	0	112.64	0
110.54	0	111.60	0	112.66	0
110.56	0	111.62	0	112.68	0
110.58	0	111.64	0	112.70	0
110.60	0	111.66	0	112.72	0
110.62	0	111.68	0	112.74	0
110.64	0	111.70	0	112.76	0
110.66	0	111.72	0	112.78	0
110.68	0	111.74	0	112.80	0
110.70	0	111.76	0	112.82	0
110.72	0	111.78	0	112.84	0
110.74	0	111.80	0	112.86	0
110.76	0	111.82	0	112.88	0
110.78	0	111.84	0	112.90	0
110.80	0	111.86	0	112.92	0
110.82	0	111.88	0	112.94	0
110.84	0	111.90	0	112.96	0
110.86	0	111.92	0	112.98	0
110.88	0	111.94	0	113.00	0
110.90	0	111.96	0		
110.92	0	111.98	0		
110.94	0	112.00	0		
110.96	0	112.02	0		
110.98	0	112.04	0		
111.00	0	112.06	0		
111.02	0	112.08	0		
111.04	0	112.10	0		

Summary for Pond 10P: UGC-1

Inflow Area = 11,320 sf, 87.54% Impervious, Inflow Depth = 7.10" for 100-YEAR event
Inflow = 2.81 cfs @ 11.96 hrs, Volume= 6,695 cf
Outflow = 0.17 cfs @ 11.35 hrs, Volume= 6,695 cf, Atten= 94%, Lag= 0.0 min
Discarded = 0.17 cfs @ 11.35 hrs, Volume= 6,695 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 112.01' @ 12.71 hrs Surf.Area= 1,178 sf Storage= 2,719 cf

Plug-Flow detention time= 116.8 min calculated for 6,684 cf (100% of inflow)
Center-of-Mass det. time= 116.6 min (878.8 - 762.2)

Volume	Invert	Avail.Storage	Storage Description
#1A	108.00'	1,452 cf	**15.75'W x 74.82'L x 4.25'H Field A** 5,008 cf Overall - 1,378 cf Embedded = 3,630 cf x 40.0% Voids
#2A	108.75'	1,378 cf	**ADS_StormTech SC-740 +Cap** x 30 Inside #1 Effective Size= 44.6"W x 30.0"H => 6.45 sf x 7.12'L = 45.9 cf Overall Size= 51.0"W x 30.0"H x 7.56'L with 0.44' Overlap 3 Rows of 10 Chambers
		2,830 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	108.00'	**6.200 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.17 cfs @ 11.35 hrs HW=108.04' (Free Discharge)
↑**1=Exfiltration** (Exfiltration Controls 0.17 cfs)

Pond 10P: UGC-1 - Chamber Wizard Field A

Chamber Model = ADS_StormTech SC-740 +Cap (ADS StormTech® SC-740 with cap length)
Effective Size= 44.6"W x 30.0"H => 6.45 sf x 7.12'L = 45.9 cf
Overall Size= 51.0"W x 30.0"H x 7.56'L with 0.44' Overlap

51.0" Wide + 6.0" Spacing = 57.0" C-C Row Spacing

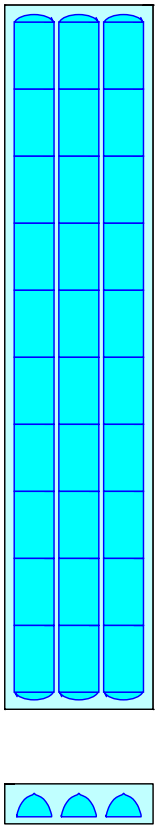
10 Chambers/Row x 7.12' Long +0.81' Cap Length x 2 = 72.82' Row Length +12.0" End Stone x 2 = 74.82' Base Length
3 Rows x 51.0" Wide + 6.0" Spacing x 2 + 12.0" Side Stone x 2 = 15.75' Base Width
9.0" Base + 30.0" Chamber Height + 12.0" Cover = 4.25' Field Height

30 Chambers x 45.9 cf = 1,378.2 cf Chamber Storage

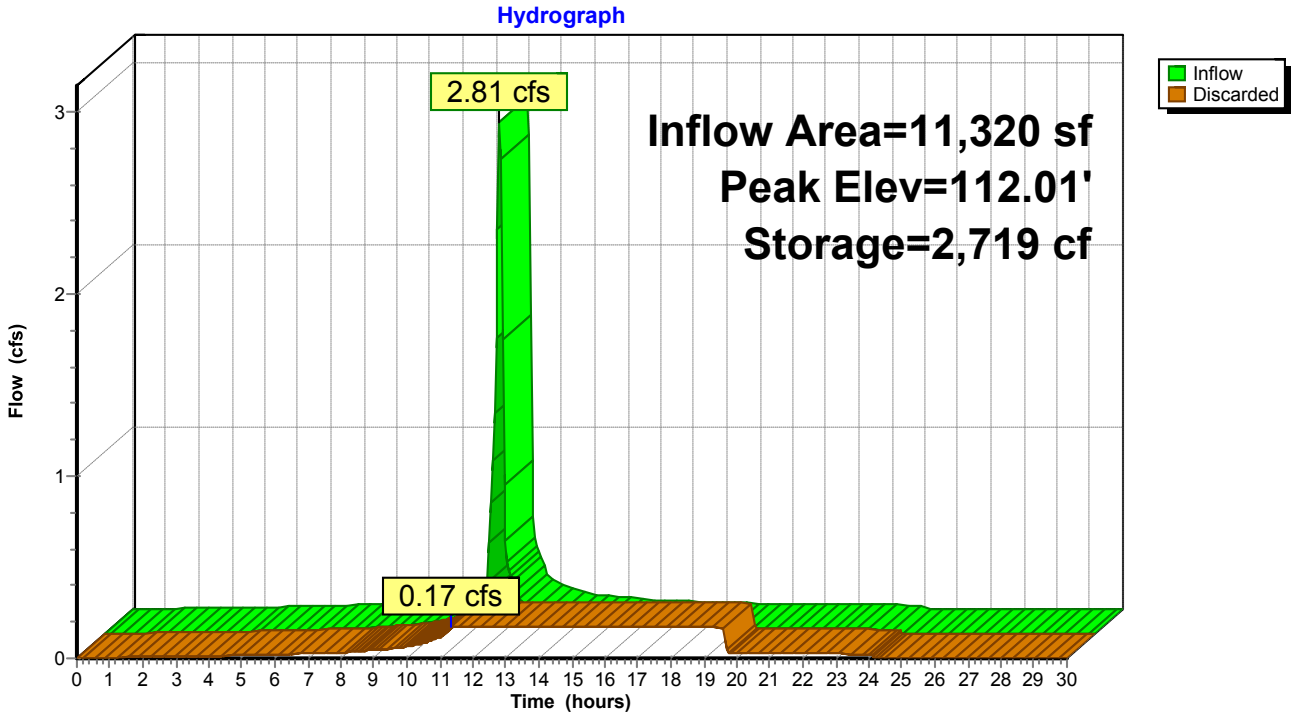
5,008.0 cf Field - 1,378.2 cf Chambers = 3,629.8 cf Stone x 40.0% Voids = 1,451.9 cf Stone Storage

Chamber Storage + Stone Storage = 2,830.1 cf = 0.065 af
Overall Storage Efficiency = 56.5%
Overall System Size = 74.82' x 15.75' x 4.25'

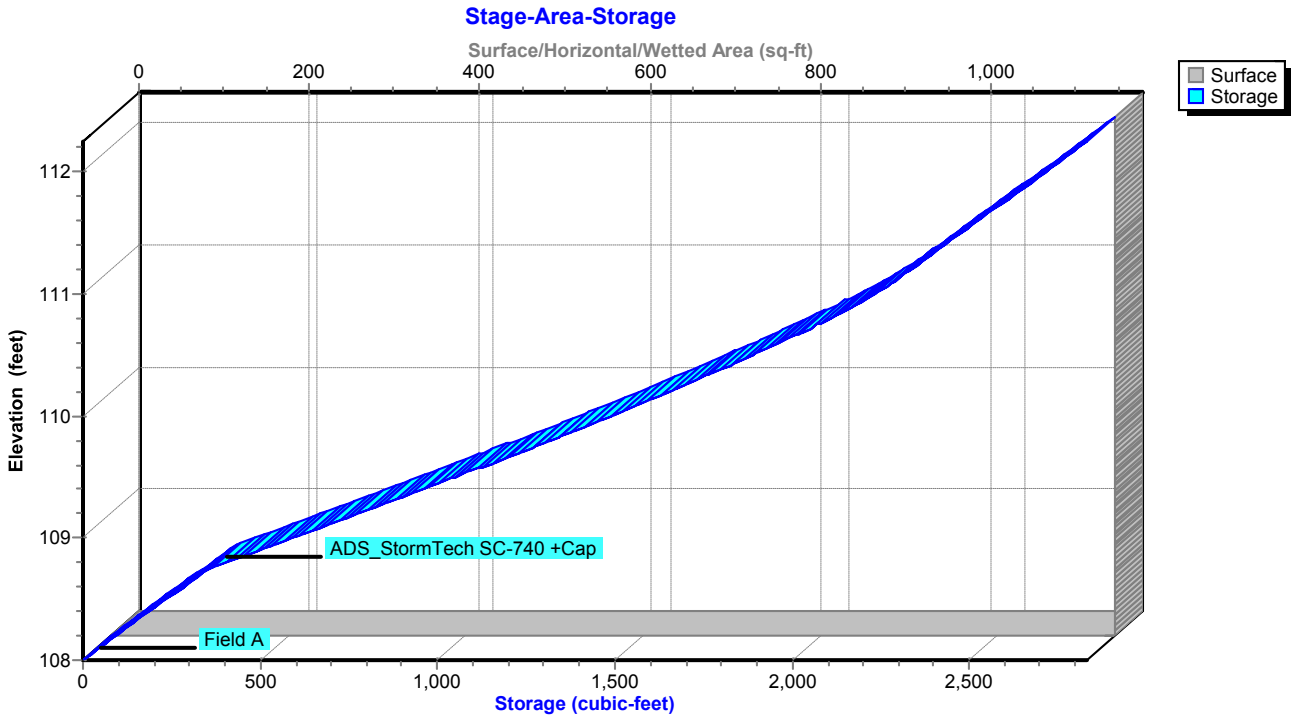
30 Chambers
185.5 cy Field
134.4 cy Stone



Pond 10P: UGC-1



Pond 10P: UGC-1



Stage-Area-Storage for Pond 10P: UGC-1

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
108.00	**1,178**	0
108.05	1,178	24
108.10	1,178	47
108.15	1,178	71
108.20	1,178	94
108.25	1,178	118
108.30	1,178	141
108.35	1,178	165
108.40	1,178	189
108.45	1,178	212
108.50	1,178	236
108.55	1,178	259
108.60	1,178	283
108.65	1,178	306
108.70	1,178	330
108.75	1,178	354
108.80	1,178	401
108.85	1,178	448
108.90	1,178	496
108.95	1,178	543
109.00	1,178	590
109.05	1,178	637
109.10	1,178	683
109.15	1,178	730
109.20	1,178	776
109.25	1,178	823
109.30	1,178	869
109.35	1,178	915
109.40	1,178	960
109.45	1,178	1,006
109.50	1,178	1,051
109.55	1,178	1,096
109.60	1,178	1,140
109.65	1,178	1,185
109.70	1,178	1,229
109.75	1,178	1,273
109.80	1,178	1,317
109.85	1,178	1,360
109.90	1,178	1,403
109.95	1,178	1,446
110.00	1,178	1,488
110.05	1,178	1,530
110.10	1,178	1,572
110.15	1,178	1,613
110.20	1,178	1,654
110.25	1,178	1,695
110.30	1,178	1,735
110.35	1,178	1,774
110.40	1,178	1,814
110.45	1,178	1,852
110.50	1,178	1,890
110.55	1,178	1,928
110.60	1,178	1,965
110.65	1,178	2,001
110.70	1,178	2,037
110.75	1,178	2,071
110.80	1,178	2,105
110.85	1,178	2,139
110.90	1,178	2,171
110.95	1,178	2,202
111.00	1,178	2,231
111.05	1,178	2,259
111.10	1,178	2,285
111.15	1,178	2,310
111.20	1,178	2,335
111.25	1,178	2,359
111.30	1,178	2,382
111.35	1,178	2,406
111.40	1,178	2,429
111.45	1,178	2,453
111.50	1,178	2,477
111.55	1,178	2,500
111.60	1,178	2,524
111.65	1,178	2,547
111.70	1,178	2,571
111.75	1,178	2,594
111.80	1,178	2,618
111.85	1,178	2,642
111.90	1,178	2,665
111.95	1,178	2,689
112.00	1,178	2,712
112.05	1,178	2,736
112.10	1,178	2,759
112.15	1,178	2,783
112.20	1,178	2,807
112.25	1,178	**2,830**

Summary for Pond 11P: PR CB #2

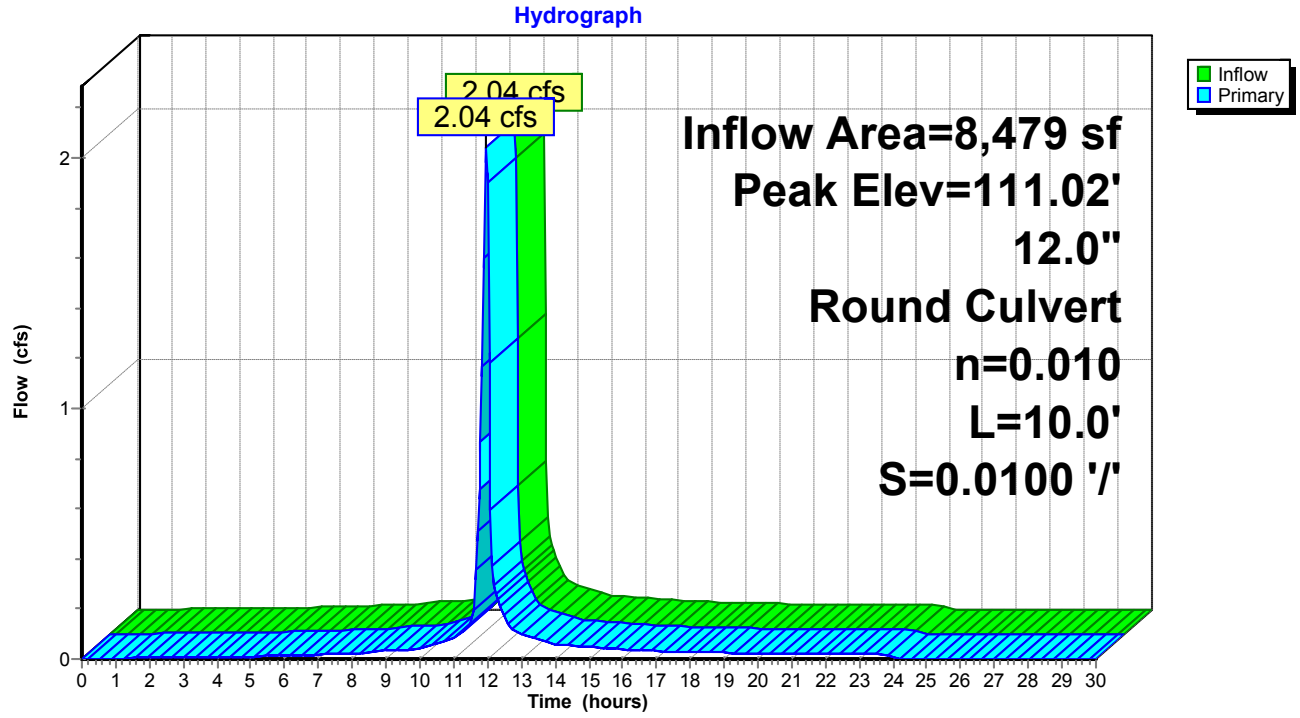
Inflow Area = 8,479 sf, 83.52% Impervious, Inflow Depth = 6.79" for 100-YEAR event
Inflow = 2.04 cfs @ 11.96 hrs, Volume= 4,801 cf
Outflow = 2.04 cfs @ 11.96 hrs, Volume= 4,801 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.04 cfs @ 11.96 hrs, Volume= 4,801 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 111.02' @ 11.96 hrs
Flood Elev= 113.14'

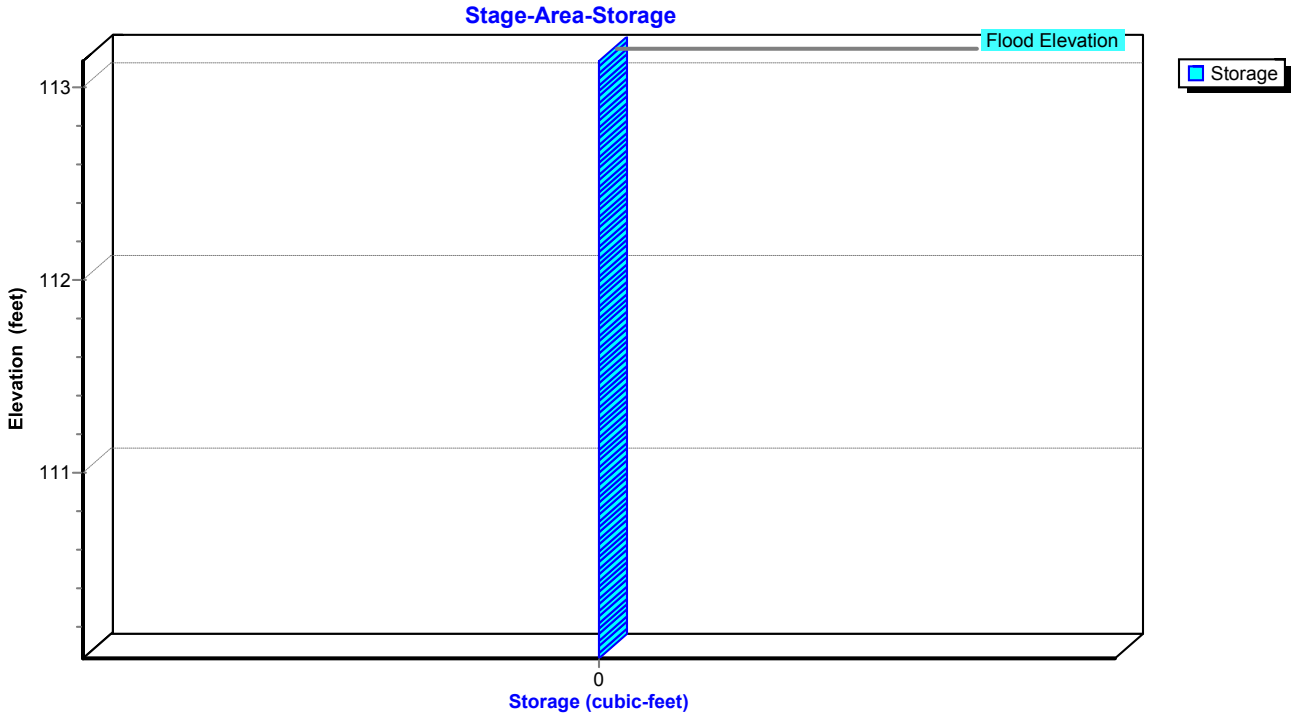
Device	Routing	Invert	Outlet Devices
#1	Primary	110.04'	**12.0" Round Culvert** L= 10.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 110.04' / 109.94' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=1.99 cfs @ 11.96 hrs HW=111.00' (Free Discharge)
1=Culvert (Barrel Controls 1.99 cfs @ 3.28 fps)

Pond 11P: PR CB #2



Pond 11P: PR CB #2



Stage-Area-Storage for Pond 11P: PR CB #2

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
110.04	**0**	111.10	0	112.16	0
110.06	0	111.12	0	112.18	0
110.08	0	111.14	0	112.20	0
110.10	0	111.16	0	112.22	0
110.12	0	111.18	0	112.24	0
110.14	0	111.20	0	112.26	0
110.16	0	111.22	0	112.28	0
110.18	0	111.24	0	112.30	0
110.20	0	111.26	0	112.32	0
110.22	0	111.28	0	112.34	0
110.24	0	111.30	0	112.36	0
110.26	0	111.32	0	112.38	0
110.28	0	111.34	0	112.40	0
110.30	0	111.36	0	112.42	0
110.32	0	111.38	0	112.44	0
110.34	0	111.40	0	112.46	0
110.36	0	111.42	0	112.48	0
110.38	0	111.44	0	112.50	0
110.40	0	111.46	0	112.52	0
110.42	0	111.48	0	112.54	0
110.44	0	111.50	0	112.56	0
110.46	0	111.52	0	112.58	0
110.48	0	111.54	0	112.60	0
110.50	0	111.56	0	112.62	0
110.52	0	111.58	0	112.64	0
110.54	0	111.60	0	112.66	0
110.56	0	111.62	0	112.68	0
110.58	0	111.64	0	112.70	0
110.60	0	111.66	0	112.72	0
110.62	0	111.68	0	112.74	0
110.64	0	111.70	0	112.76	0
110.66	0	111.72	0	112.78	0
110.68	0	111.74	0	112.80	0
110.70	0	111.76	0	112.82	0
110.72	0	111.78	0	112.84	0
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110.76	0	111.82	0	112.88	0
110.78	0	111.84	0	112.90	0
110.80	0	111.86	0	112.92	0
110.82	0	111.88	0	112.94	0
110.84	0	111.90	0	112.96	0
110.86	0	111.92	0	112.98	0
110.88	0	111.94	0	113.00	0
110.90	0	111.96	0	113.02	0
110.92	0	111.98	0	113.04	0
110.94	0	112.00	0	113.06	0
110.96	0	112.02	0	113.08	0
110.98	0	112.04	0	113.10	0
111.00	0	112.06	0	113.12	0
111.02	0	112.08	0	113.14	0
111.04	0	112.10	0		
111.06	0	112.12	0		
111.08	0	112.14	0		

Summary for Pond 13P: PR CB #3

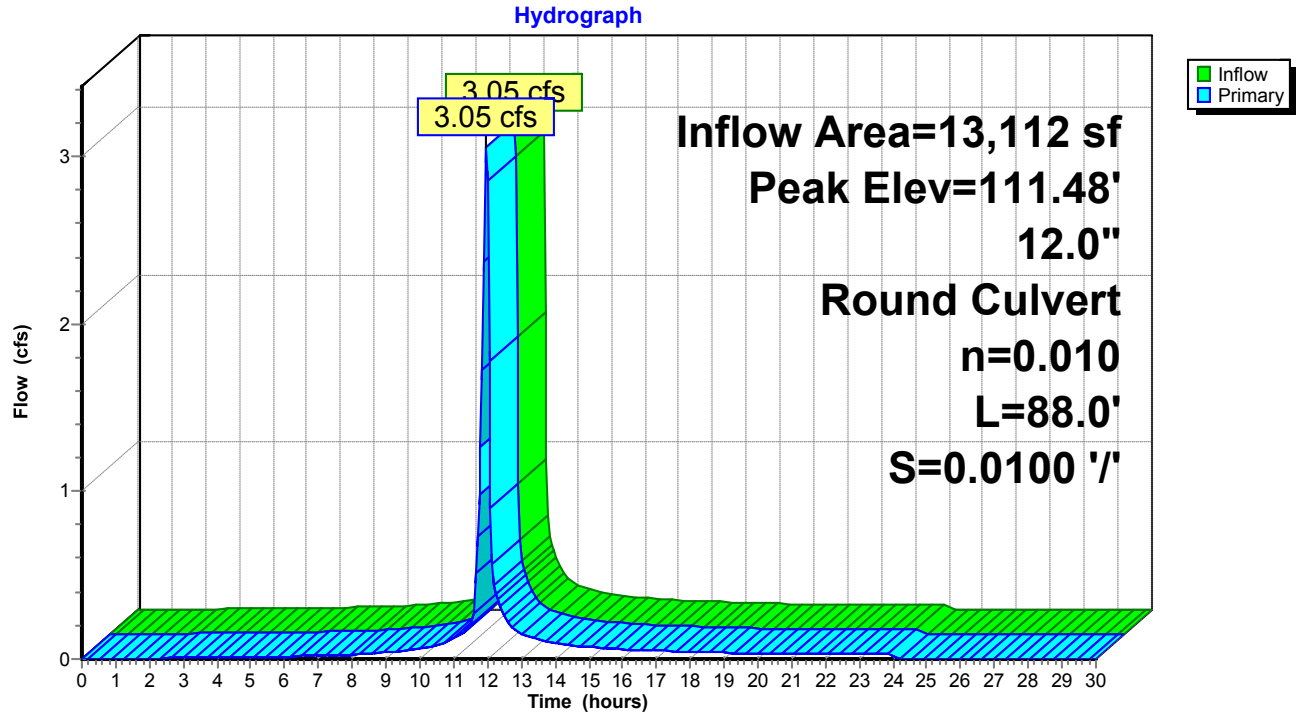
Inflow Area = 13,112 sf, 77.91% Impervious, Inflow Depth = 6.41" for 100-YEAR event
Inflow = 3.05 cfs @ 11.96 hrs, Volume= 7,007 cf
Outflow = 3.05 cfs @ 11.96 hrs, Volume= 7,007 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.05 cfs @ 11.96 hrs, Volume= 7,007 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 111.48' @ 11.96 hrs
Flood Elev= 113.14'

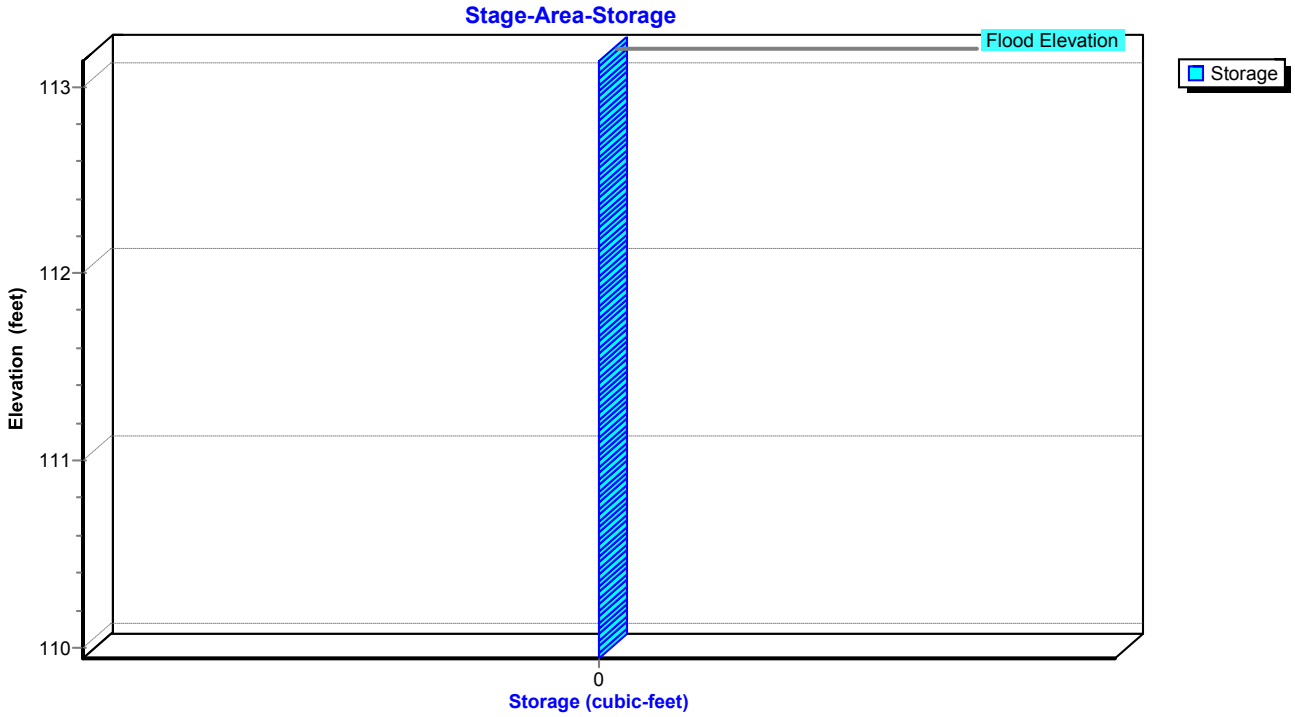
Device	Routing	Invert	Outlet Devices
#1	Primary	109.94'	**12.0" Round Culvert** L= 88.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 109.94' / 109.06' S= 0.0100 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=2.97 cfs @ 11.96 hrs HW=111.43' (Free Discharge)
1=Culvert (Inlet Controls 2.97 cfs @ 3.78 fps)

Pond 13P: PR CB #3



Pond 13P: PR CB #3



Stage-Area-Storage for Pond 13P: PR CB #3

Elevation (feet)	Storage (cubic-feet)
109.94	**0**
109.99	0
110.04	0
110.09	0
110.14	0
110.19	0
110.24	0
110.29	0
110.34	0
110.39	0
110.44	0
110.49	0
110.54	0
110.59	0
110.64	0
110.69	0
110.74	0
110.79	0
110.84	0
110.89	0
110.94	0
110.99	0
111.04	0
111.09	0
111.14	0
111.19	0
111.24	0
111.29	0
111.34	0
111.39	0
111.44	0
111.49	0
111.54	0
111.59	0
111.64	0
111.69	0
111.74	0
111.79	0
111.84	0
111.89	0
111.94	0
111.99	0
112.04	0
112.09	0
112.14	0
112.19	0
112.24	0
112.29	0
112.34	0
112.39	0
112.44	0
112.49	0
112.54	0
112.59	0
112.64	0
112.69	0
112.74	0
112.79	0
112.84	0
112.89	0
112.94	0
112.99	0
113.04	0
113.09	0
113.14	0

Summary for Pond 15P: PR CB #4

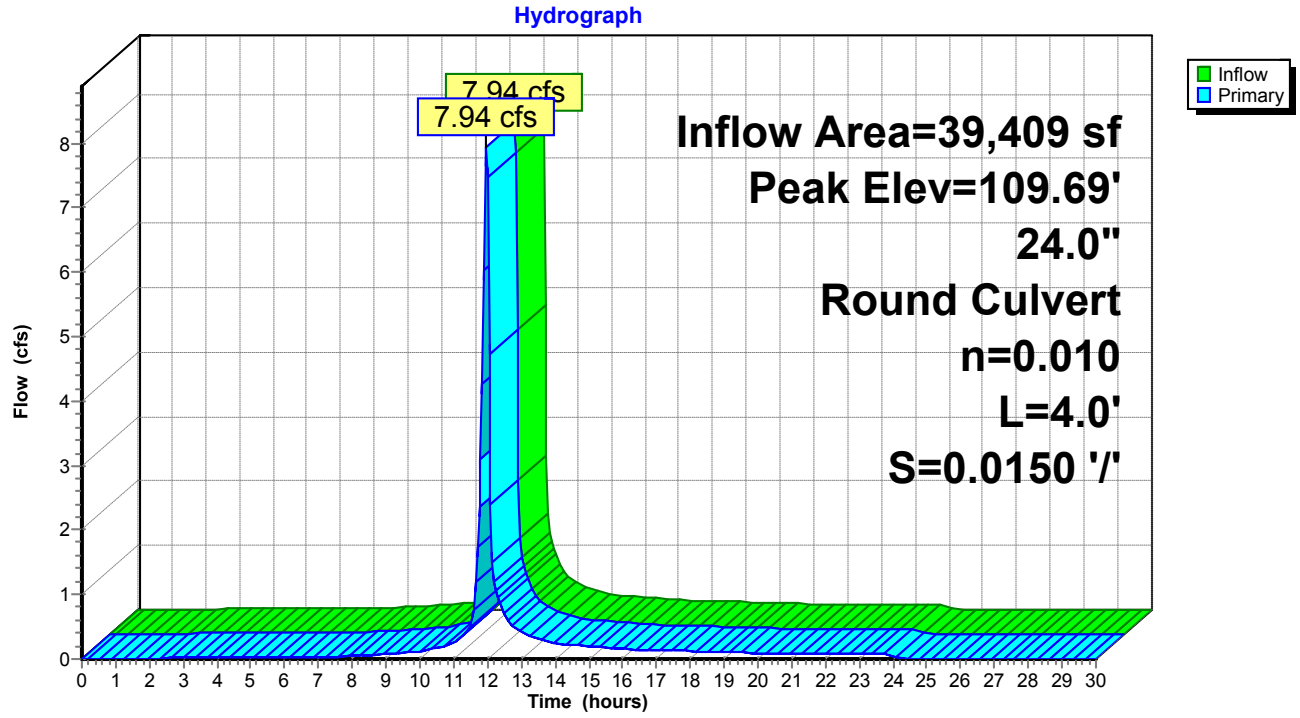
Inflow Area = 39,409 sf, 64.10% Impervious, Inflow Depth = 5.44" for 100-YEAR event
Inflow = 7.94 cfs @ 11.97 hrs, Volume= 17,855 cf
Outflow = 7.94 cfs @ 11.97 hrs, Volume= 17,855 cf, Atten= 0%, Lag= 0.0 min
Primary = 7.94 cfs @ 11.97 hrs, Volume= 17,855 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 109.69' @ 11.97 hrs
Flood Elev= 113.22'

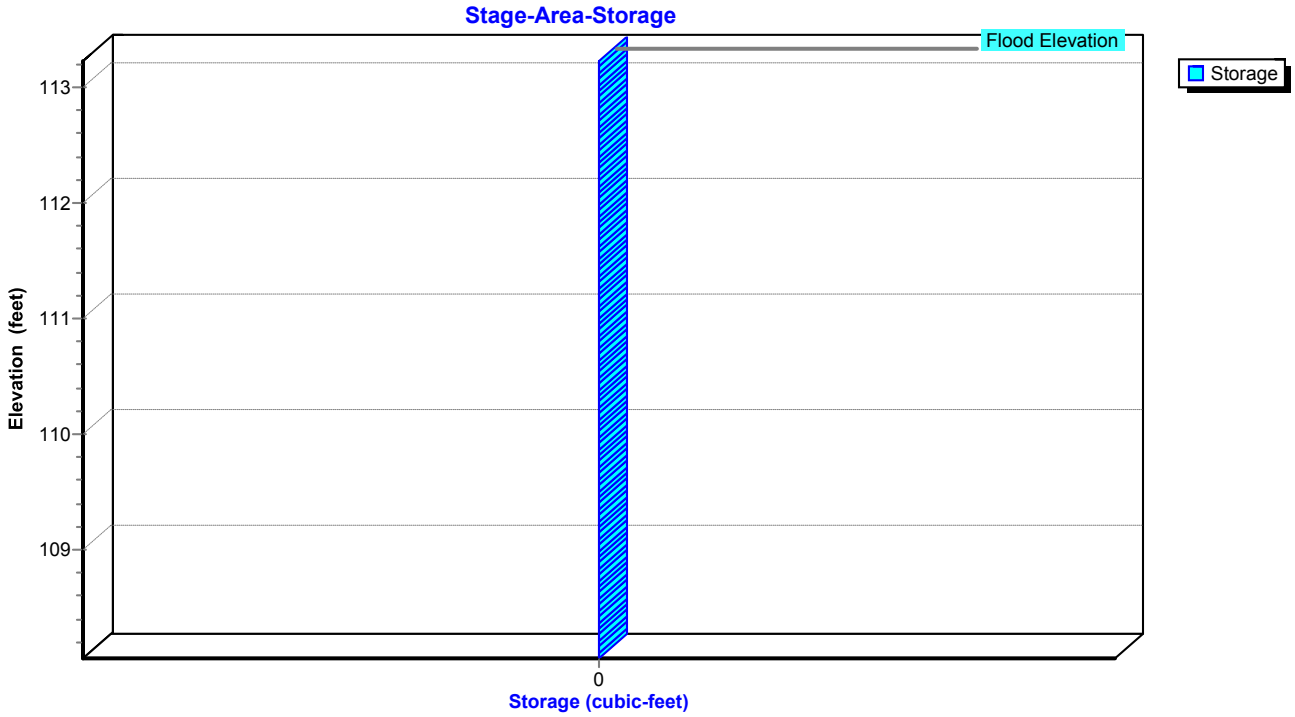
Device	Routing	Invert	Outlet Devices
#1	Primary	108.06'	**24.0" Round Culvert** L= 4.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.06' / 108.00' S= 0.0150 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 3.14 sf

Primary OutFlow Max=7.70 cfs @ 11.97 hrs HW=109.66' (Free Discharge)
1=Culvert (Barrel Controls 7.70 cfs @ 3.92 fps)

Pond 15P: PR CB #4



Pond 15P: PR CB #4



Stage-Area-Storage for Pond 15P: PR CB #4

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.06	**0**	110.18	0	112.30	0
108.10	0	110.22	0	112.34	0
108.14	0	110.26	0	112.38	0
108.18	0	110.30	0	112.42	0
108.22	0	110.34	0	112.46	0
108.26	0	110.38	0	112.50	0
108.30	0	110.42	0	112.54	0
108.34	0	110.46	0	112.58	0
108.38	0	110.50	0	112.62	0
108.42	0	110.54	0	112.66	0
108.46	0	110.58	0	112.70	0
108.50	0	110.62	0	112.74	0
108.54	0	110.66	0	112.78	0
108.58	0	110.70	0	112.82	0
108.62	0	110.74	0	112.86	0
108.66	0	110.78	0	112.90	0
108.70	0	110.82	0	112.94	0
108.74	0	110.86	0	112.98	0
108.78	0	110.90	0	113.02	0
108.82	0	110.94	0	113.06	0
108.86	0	110.98	0	113.10	0
108.90	0	111.02	0	113.14	0
108.94	0	111.06	0	113.18	0
108.98	0	111.10	0	113.22	0
109.02	0	111.14	0		
109.06	0	111.18	0		
109.10	0	111.22	0		
109.14	0	111.26	0		
109.18	0	111.30	0		
109.22	0	111.34	0		
109.26	0	111.38	0		
109.30	0	111.42	0		
109.34	0	111.46	0		
109.38	0	111.50	0		
109.42	0	111.54	0		
109.46	0	111.58	0		
109.50	0	111.62	0		
109.54	0	111.66	0		
109.58	0	111.70	0		
109.62	0	111.74	0		
109.66	0	111.78	0		
109.70	0	111.82	0		
109.74	0	111.86	0		
109.78	0	111.90	0		
109.82	0	111.94	0		
109.86	0	111.98	0		
109.90	0	112.02	0		
109.94	0	112.06	0		
109.98	0	112.10	0		
110.02	0	112.14	0		
110.06	0	112.18	0		
110.10	0	112.22	0		
110.14	0	112.26	0		

Summary for Pond 17P: UGC-2

Inflow Area = 39,409 sf, 64.10% Impervious, Inflow Depth = 5.44" for 100-YEAR event
Inflow = 7.94 cfs @ 11.97 hrs, Volume= 17,855 cf
Outflow = 1.17 cfs @ 11.70 hrs, Volume= 17,881 cf, Atten= 85%, Lag= 0.0 min
Discarded = 1.17 cfs @ 11.70 hrs, Volume= 17,881 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 112.53' @ 12.21 hrs Surf.Area= 1,609 sf Storage= 5,392 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 26.6 min (818.9 - 792.4)

Volume	Invert	Avail.Storage	Storage Description
#1A	107.00'	2,478 cf	**22.92'W x 70.23'L x 5.75'H Field A** 9,254 cf Overall - 3,058 cf Embedded = 6,196 cf x 40.0% Voids
#2A	108.00'	3,058 cf	**ADS_StormTech MC-3500 d +Cap** x 27 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 3 Rows of 9 Chambers Cap Storage= +14.9 cf x 2 x 3 rows = 89.4 cf
		5,537 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Discarded	107.00'	**31.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=1.17 cfs @ 11.70 hrs HW=107.15' (Free Discharge)
1=Exfiltration (Exfiltration Controls 1.17 cfs)

Pond 17P: UGC-2 - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)
Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf
Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap
Cap Storage= +14.9 cf x 2 x 3 rows = 89.4 cf

77.0" Wide + 10.0" Spacing = 87.0" C-C Row Spacing

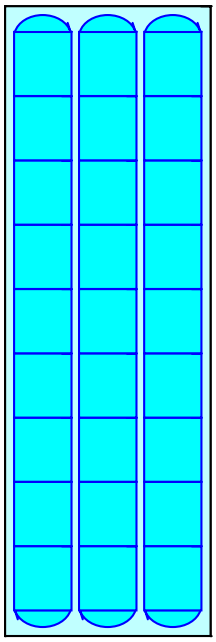
9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +12.0" End Stone x 2 = 70.23' Base Length
3 Rows x 77.0" Wide + 10.0" Spacing x 2 + 12.0" Side Stone x 2 = 22.92' Base Width
12.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.75' Field Height

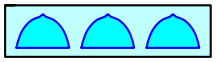
27 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 3 Rows = 3,058.1 cf Chamber Storage

9,254.3 cf Field - 3,058.1 cf Chambers = 6,196.2 cf Stone x 40.0% Voids = 2,478.5 cf Stone Storage

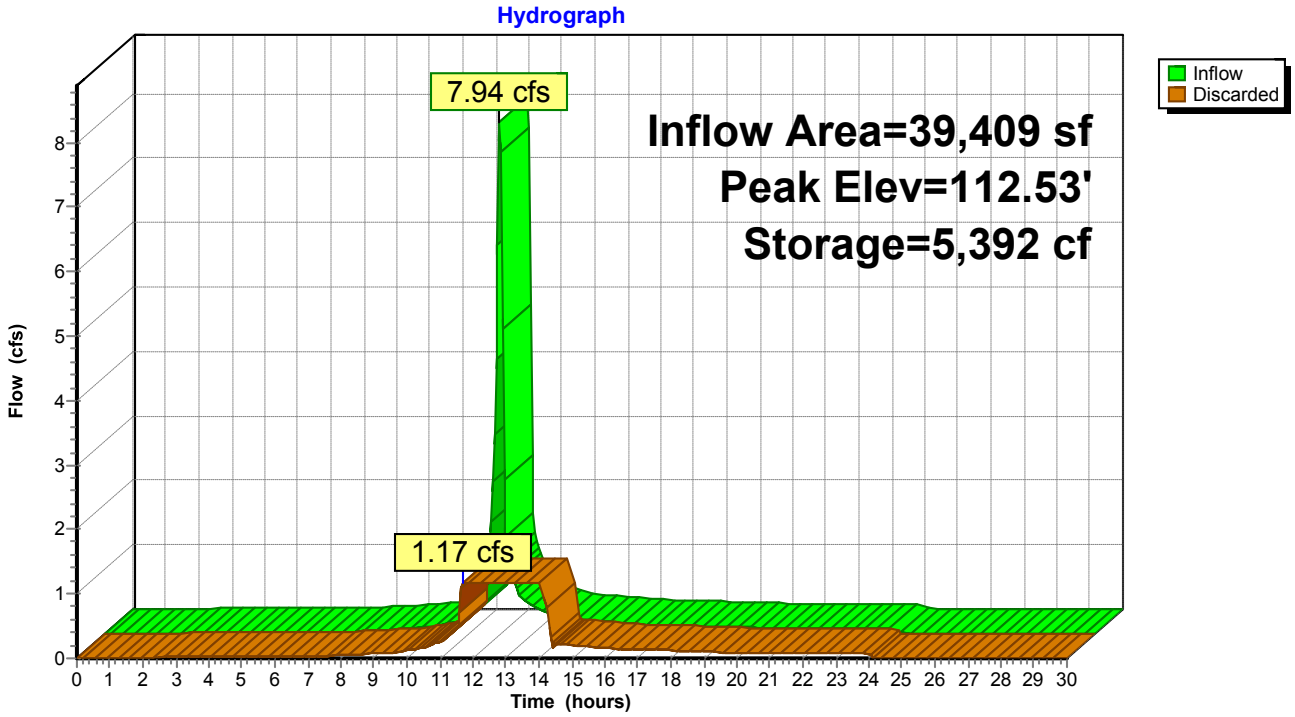
Chamber Storage + Stone Storage = 5,536.6 cf = 0.127 af
Overall Storage Efficiency = 59.8%
Overall System Size = 70.23' x 22.92' x 5.75'

27 Chambers
342.8 cy Field
229.5 cy Stone

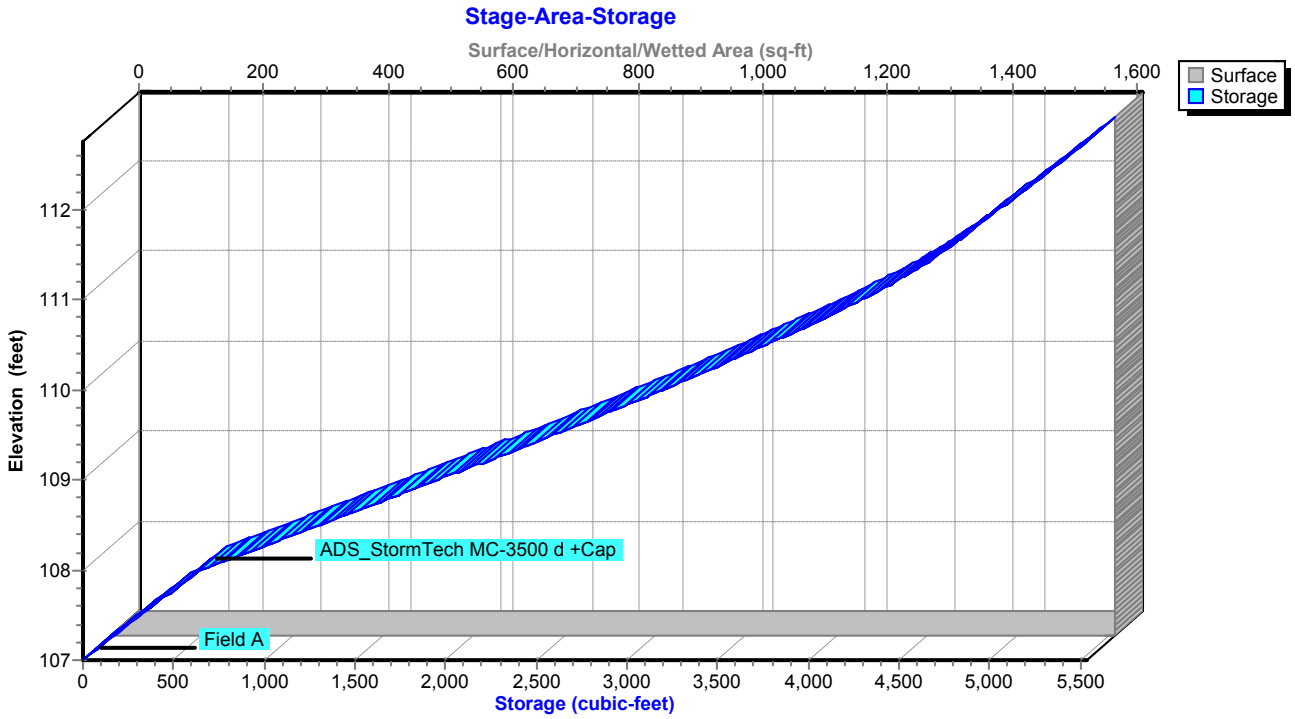




Pond 17P: UGC-2



Pond 17P: UGC-2



Stage-Area-Storage for Pond 17P: UGC-2

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
107.00	**1,609**	0
107.10	1,609	64
107.20	1,609	129
107.30	1,609	193
107.40	1,609	258
107.50	1,609	322
107.60	1,609	386
107.70	1,609	451
107.80	1,609	515
107.90	1,609	579
108.00	1,609	644
108.10	1,609	778
108.20	1,609	912
108.30	1,609	1,046
108.40	1,609	1,178
108.50	1,609	1,311
108.60	1,609	1,443
108.70	1,609	1,574
108.80	1,609	1,704
108.90	1,609	1,834
109.00	1,609	1,963
109.10	1,609	2,092
109.20	1,609	2,219
109.30	1,609	2,346
109.40	1,609	2,472
109.50	1,609	2,597
109.60	1,609	2,720
109.70	1,609	2,843
109.80	1,609	2,965
109.90	1,609	3,085
110.00	1,609	3,204
110.10	1,609	3,321
110.20	1,609	3,437
110.30	1,609	3,551
110.40	1,609	3,664
110.50	1,609	3,775
110.60	1,609	3,884
110.70	1,609	3,990
110.80	1,609	4,094
110.90	1,609	4,196
111.00	1,609	4,295
111.10	1,609	4,390
111.20	1,609	4,482
111.30	1,609	4,569
111.40	1,609	4,649
111.50	1,609	4,723
111.60	1,609	4,793
111.70	1,609	4,860
111.80	1,609	4,925
111.90	1,609	4,989
112.00	1,609	5,054
112.10	1,609	5,118
112.20	1,609	5,182
112.30	1,609	5,247
112.40	1,609	5,311
112.50	1,609	5,376
112.60	1,609	5,440
112.70	1,609	**5,504**

Summary for Pond DP-3: DP-3

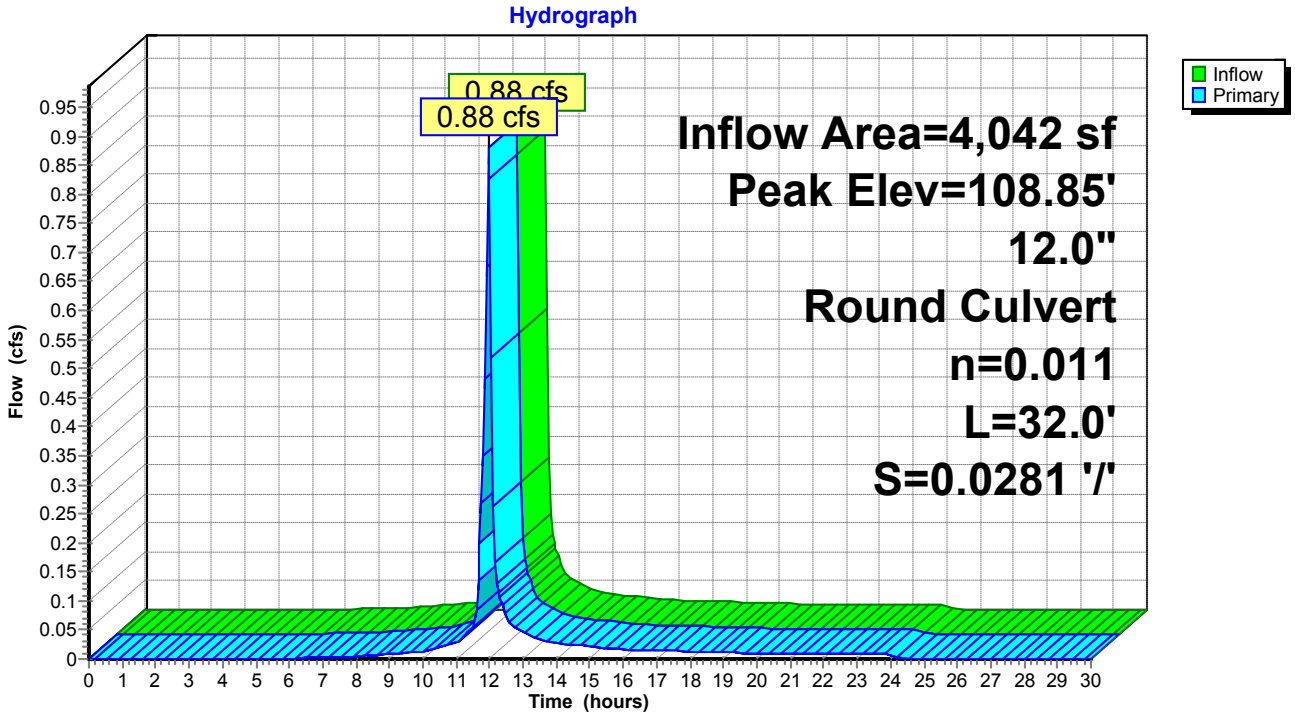
Inflow Area = 4,042 sf, 67.84% Impervious, Inflow Depth = 5.71" for 100-YEAR event
Inflow = 0.88 cfs @ 11.97 hrs, Volume= 1,924 cf
Outflow = 0.88 cfs @ 11.97 hrs, Volume= 1,924 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.88 cfs @ 11.97 hrs, Volume= 1,924 cf

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs
Peak Elev= 108.85' @ 11.97 hrs
Flood Elev= 112.38'

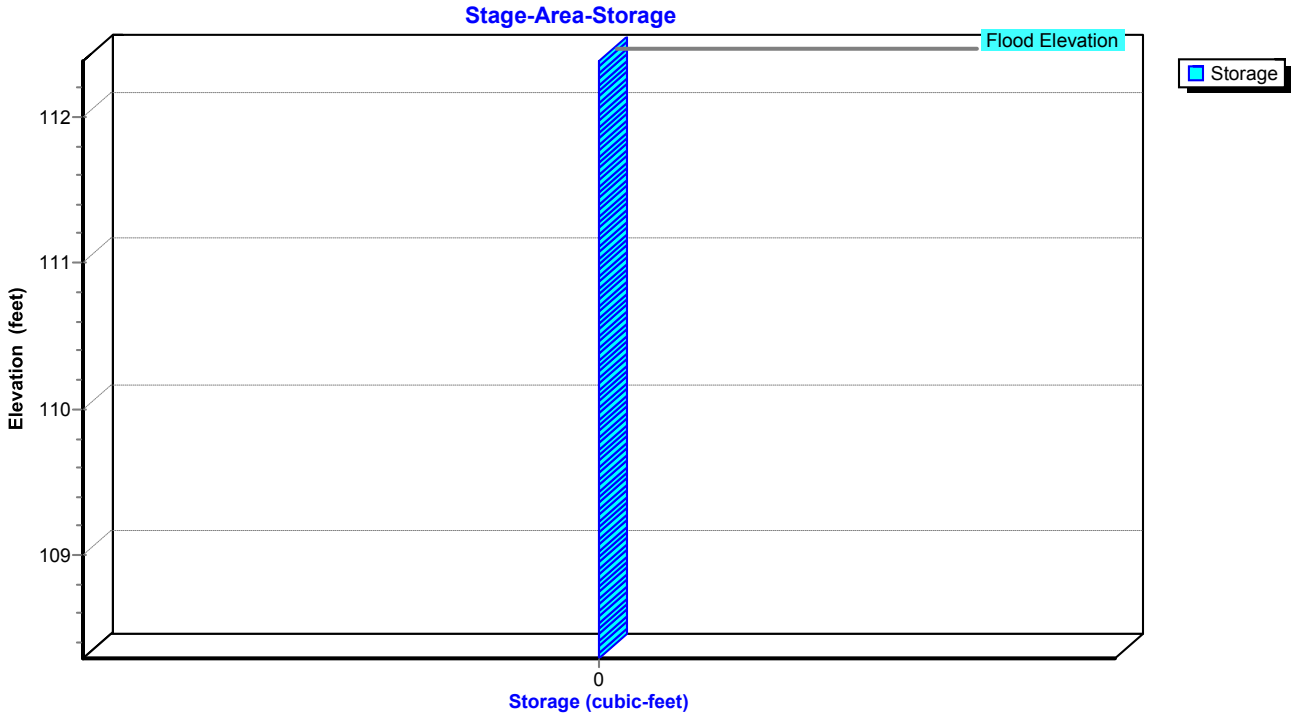
Device	Routing	Invert	Outlet Devices
#1	Primary	108.30'	**12.0" Round Culvert** L= 32.0' CMP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 108.30' / 107.40' S= 0.0281 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 0.79 sf

Primary OutFlow Max=0.85 cfs @ 11.97 hrs HW=108.84' (Free Discharge)
1=Culvert (Inlet Controls 0.85 cfs @ 1.98 fps)

Pond DP-3: DP-3



Pond DP-3: DP-3


Stage-Area-Storage
Flood Elevation
Storage
112
111
110
109
Elevation (feet)
0
Storage (cubic-feet)

Stage-Area-Storage for Pond DP-3: DP-3

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
108.30	**0**	110.95	0
108.35	0	111.00	0
108.40	0	111.05	0
108.45	0	111.10	0
108.50	0	111.15	0
108.55	0	111.20	0
108.60	0	111.25	0
108.65	0	111.30	0
108.70	0	111.35	0
108.75	0	111.40	0
108.80	0	111.45	0
108.85	0	111.50	0
108.90	0	111.55	0
108.95	0	111.60	0
109.00	0	111.65	0
109.05	0	111.70	0
109.10	0	111.75	0
109.15	0	111.80	0
109.20	0	111.85	0
109.25	0	111.90	0
109.30	0	111.95	0
109.35	0	112.00	0
109.40	0	112.05	0
109.45	0	112.10	0
109.50	0	112.15	0
109.55	0	112.20	0
109.60	0	112.25	0
109.65	0	112.30	0
109.70	0	112.35	0
109.75	0		
109.80	0		
109.85	0		
109.90	0		
109.95	0		
110.00	0		
110.05	0		
110.10	0		
110.15	0		
110.20	0		
110.25	0		
110.30	0		
110.35	0		
110.40	0		
110.45	0		
110.50	0		
110.55	0		
110.60	0		
110.65	0		
110.70	0		
110.75	0		
110.80	0		
110.85	0		
110.90	0		

APPENDIX D

Supporting Design Information and Calculations
NYSOPRHP Correspondence
Soils Map

Extreme Precipitation Tables

Northeast Regional Climate Center

Data represents point estimates calculated from partial duration series. All precipitation amounts are displayed in inches.

Smoothing	Yes
State	New York
Location	
Longitude	73.934 degrees West
Latitude	41.706 degrees North
Elevation	0 feet
Date/Time	Mon, 08 Nov 2021 07:19:12 -0500

Extreme Precipitation Estimates

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.32	0.48	0.60	0.79	0.98	1.22	**1yr**	0.85	1.15	1.40	1.73	2.13	2.61	2.96	**1yr**	2.31	2.85	3.32	3.97	4.58	**1yr**
2yr	0.38	0.58	0.72	0.95	1.20	1.50	**2yr**	1.03	1.38	1.72	2.11	2.59	3.16	3.57	**2yr**	2.80	3.43	3.92	4.62	5.25	**2yr**
5yr	0.45	0.70	0.88	1.17	1.50	1.89	**5yr**	1.29	1.71	2.17	2.67	3.26	3.95	4.50	**5yr**	3.50	4.33	4.95	5.72	6.47	**5yr**
10yr	0.51	0.80	1.01	1.37	1.78	2.25	**10yr**	1.53	2.01	2.60	3.19	3.88	4.68	5.37	**10yr**	4.14	5.17	5.91	6.72	7.58	**10yr**
25yr	0.60	0.95	1.21	1.67	2.23	2.85	**25yr**	1.92	2.49	3.29	4.05	4.90	5.85	6.79	**25yr**	5.18	6.53	7.47	8.32	9.35	**25yr**
50yr	0.68	1.10	1.40	1.97	2.65	3.40	**50yr**	2.28	2.93	3.94	4.83	5.82	6.93	8.11	**50yr**	6.13	7.80	8.94	9.78	10.97	**50yr**
100yr	0.78	1.27	1.63	2.31	3.15	4.07	**100yr**	2.72	3.45	4.72	5.78	6.94	8.22	9.70	**100yr**	7.27	9.32	10.69	11.51	12.87	**100yr**
200yr	0.90	1.46	1.90	2.72	3.75	4.87	**200yr**	3.24	4.07	5.65	6.91	8.27	9.74	11.60	**200yr**	8.62	11.15	12.79	13.55	15.11	**200yr**
500yr	1.09	1.79	2.34	3.39	4.74	6.18	**500yr**	4.09	5.06	7.18	8.76	10.43	12.22	14.70	**500yr**	10.81	14.14	16.24	16.82	18.69	**500yr**

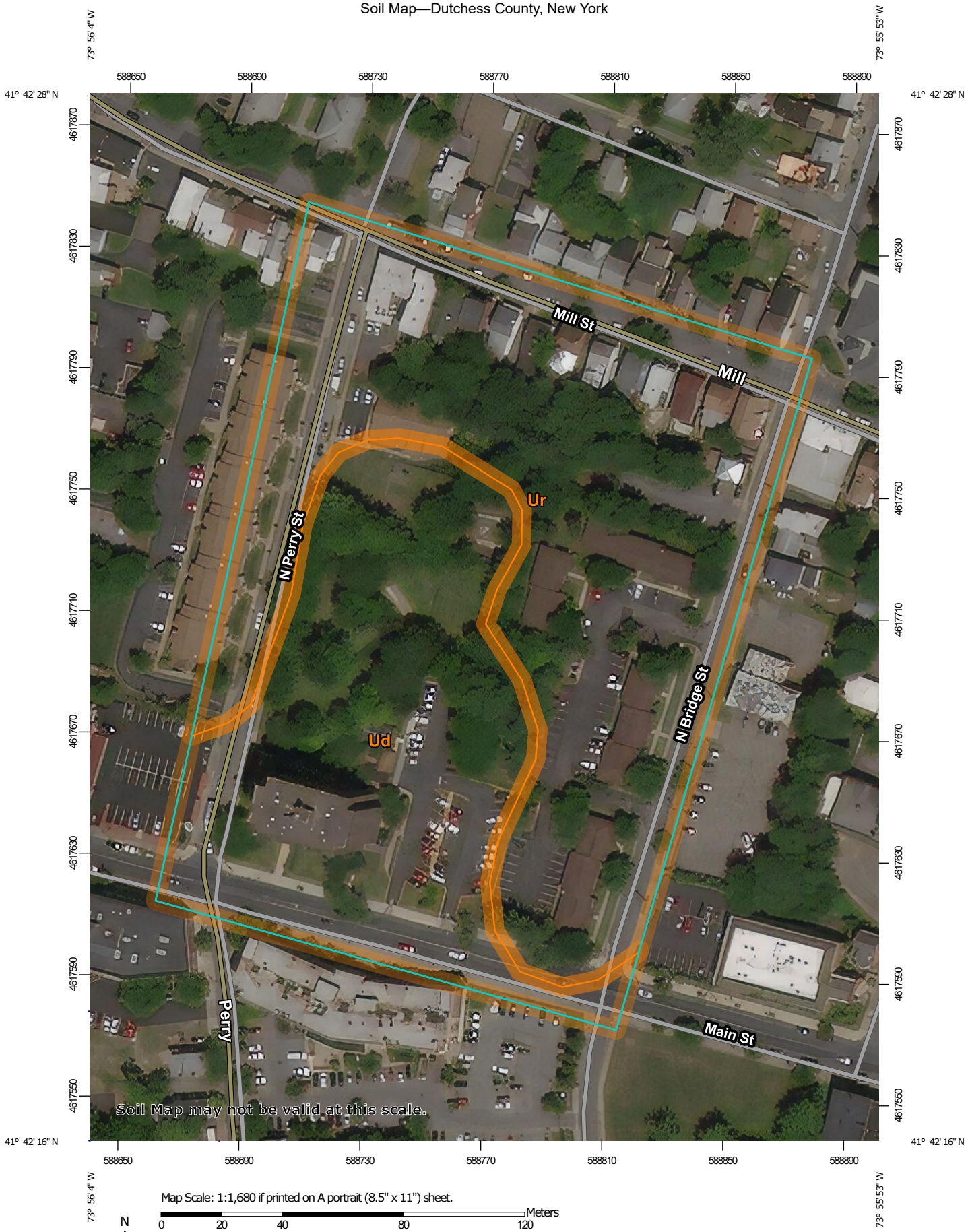
Lower Confidence Limits

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.28	0.43	0.52	0.70	0.86	1.03	**1yr**	0.74	1.01	1.21	1.52	1.91	2.37	2.57	**1yr**	2.10	2.47	3.06	3.61	4.09	**1yr**
2yr	0.37	0.56	0.69	0.94	1.16	1.36	**2yr**	1.00	1.33	1.54	1.97	2.50	3.05	3.47	**2yr**	2.70	3.33	3.81	4.56	5.18	**2yr**
5yr	0.41	0.64	0.79	1.08	1.38	1.59	**5yr**	1.19	1.56	1.80	2.32	2.88	3.66	4.14	**5yr**	3.24	3.99	4.68	5.41	6.14	**5yr**
10yr	0.46	0.71	0.88	1.23	1.59	1.78	**10yr**	1.37	1.74	2.02	2.59	3.20	4.18	4.74	**10yr**	3.70	4.56	5.40	6.14	6.96	**10yr**
25yr	0.54	0.81	1.01	1.45	1.90	2.05	**25yr**	1.64	2.00	2.33	2.87	3.67	4.97	5.65	**25yr**	4.40	5.43	6.48	7.26	8.23	**25yr**
50yr	0.60	0.91	1.14	1.64	2.20	2.27	**50yr**	1.90	2.22	2.62	3.18	4.09	5.68	6.45	**50yr**	5.03	6.20	7.40	8.25	9.34	**50yr**
100yr	0.68	1.03	1.29	1.87	2.56	2.53	**100yr**	2.21	2.48	2.95	3.52	4.56	6.50	7.36	**100yr**	5.75	7.08	8.48	9.36	10.61	**100yr**
200yr	0.78	1.17	1.48	2.15	3.00	2.82	**200yr**	2.59	2.75	3.31	3.91	5.08	7.42	8.41	**200yr**	6.57	8.09	9.68	10.64	12.05	**200yr**
500yr	0.94	1.40	1.80	2.61	3.71	3.26	**500yr**	3.20	3.19	3.89	4.50	5.86	8.88	10.03	**500yr**	7.86	9.64	11.57	12.60	14.28	**500yr**

Upper Confidence Limits

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.35	0.53	0.65	0.88	1.08	1.31	**1yr**	0.93	1.28	1.46	1.87	2.35	2.88	3.21	**1yr**	2.55	3.09	3.63	4.23	4.87	**1yr**
2yr	0.39	0.61	0.75	1.02	1.25	1.50	**2yr**	1.08	1.46	1.69	2.18	2.73	3.28	3.72	**2yr**	2.90	3.57	4.07	4.71	5.34	**2yr**
5yr	0.49	0.75	0.93	1.28	1.63	1.91	**5yr**	1.40	1.87	2.21	2.82	3.56	4.27	4.90	**5yr**	3.78	4.71	5.24	6.07	6.82	**5yr**
10yr	0.58	0.89	1.10	1.54	1.99	2.33	**10yr**	1.72	2.28	2.70	3.46	4.37	5.25	6.06	**10yr**	4.65	5.83	6.44	7.36	8.24	**10yr**
25yr	0.73	1.10	1.37	1.96	2.58	3.03	**25yr**	2.23	2.96	3.56	4.72	5.73	6.93	8.05	**25yr**	6.13	7.74	8.48	9.54	10.57	**25yr**
50yr	0.86	1.31	1.63	2.34	3.15	3.70	**50yr**	2.72	3.62	4.39	5.86	7.03	8.53	10.00	**50yr**	7.55	9.62	10.48	11.63	12.79	**50yr**
100yr	1.02	1.55	1.94	2.80	3.84	4.54	**100yr**	3.32	4.44	5.41	7.29	8.64	10.51	12.43	**100yr**	9.31	11.96	12.97	14.18	15.48	**100yr**
200yr	1.22	1.83	2.32	3.36	4.68	5.54	**200yr**	4.04	5.41	6.68	9.05	10.62	12.96	15.47	**200yr**	11.47	14.88	16.08	17.32	18.73	**200yr**
500yr	1.54	2.29	2.94	4.28	6.08	7.23	**500yr**	5.25	7.07	8.82	12.09	13.97	17.07	20.67	**500yr**	15.11	19.87	21.43	22.57	24.17	**500yr**

Powered by ACIS Northeast Regional Climate Center



Map Scale: 1:1,680 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 20 40 80 120

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dutchess County, New York
Survey Area Data: Version 18, Sep 1, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 7, 2013—Feb 26, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ud	Udorthents, smoothed	3.8	40.0%
Ur	Urban land	5.8	60.0%
Totals for Area of Interest		**9.6**	**100.0%**

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

November 17, 2020

Kenneth Spillberg
Senior VP Development - Omni New York LLC
909 Third Avenue
Floor 21
New York, NY 10022

Re: NYSHCR
Admiral Halsey Senior Village Phase II: New Construction
135 Main St, Poughkeepsie, NY 12601
20PR07157

Dear Mr. Spillberg:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the provided documentation in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

The project area is located between the Mill Street-North Clover Street Historic District and the Union Street Historic District, both of which are listed in the State and National Registers of Historic Places. Our office has reviewed the proposed construction of a new 7-story residential building. Based upon our review, it is the SHPO's opinion that the project will have No Adverse Effect on historic or archaeological resources. If there are substantive changes to the project consultation with our office should resume.

If you have any questions, I can be reached by email.

Sincerely,

Derek Rohde
Historic Site Restoration Coordinator
e-mail: derek.rohde@parks.ny.gov

via e-mail only

Design Criteria & Performance Summary

SUMMARY OF OVERALL WATERSHEDS

Design Criteria	*min req'd*		Performance Summary:		
criteria	*amount*	*unit*	*Provided*		*notes/information*
WQv:					
total	3,280 0.08	cft ac-ft	8,247 0.19	cft ac-ft	Underground Infiltration Chambers
Cpv:					
volume	NA	cft	NA	cft	NA if reduction of CPv achieed through RRv Practices
Qp:					
discharge	6.5	cfs	5.0	cfs	Pre to Post reduced See Hydro CAD
Qf					
discharge	16.0	cfs	10.9	cfs	Pre to Post reduced See Hydro CAD
RRv Min:	2,742 0.06	cft ac-ft	8,247 0.19	cft ac-ft	

WQv BY DRAINAGE AREA										
DA	Tributary Area	Impervious Cover	Percent Impervious	P	Rv	WQv (AC-FT)	WQv (CF)	S	Min RRv (AC-FT)	Min RRv (CF)
1	0.77	0.47	61.72	1.05	0.61	0.04	1,767.0	0.55	0.022	941.1
2	0.12	0.08	65.56	1.05	0.64	0.01	295.6	0.55	0.004	158.2
3	0.09	0.06	67.84	1.05	0.66	0.01	233.6	0.55	0.003	125.4
4	0.50	0.24	48.09	1.05	0.48	0.02	915.7	0.55	0.011	476.6
5	0.11	0.07	67.65	1.05	0.66	0.01	267.1	0.55	0.003	143.3
6	0.12	0.09	73.44	1.05	0.71	0.01	327.1	0.55	0.004	176.6
7	0.15	0.12	78.05	1.05	0.75	0.01	423.3	0.55	0.005	229.4
8	0.18	0.12	62.98	1.05	0.62	0.01	433.7	0.55	0.005	231.4
9	0.11	0.11	100.00	1.05	0.95	0.01	384.0	0.55	0.005	211.2
10	0.11	0.11	100.00	1.05	0.95	0.01	406.6	0.55	0.005	223.6
11	0.07	0.07	100.00	1.05	0.95	0.01	267.7	0.55	0.003	147.2
TOTAL	**2.33**	**1.54**					**5,721.5**		**0.070**	**3064.0**

Water Quality Volume Calculations — STANDARD

Trib Area	1.38	ac
Imperv Cover:	0.88	ac
Imperv. %	63.90	

Stormwater Management Practice Selection:

Underground Infiltration Chambers

Uniform Sizing Criteria:

Water Quality (WQv)	P=	1.05	
	I=	*63.9*	
	Rv=	0.6251	
	A=	1.38	
	WQv=	0.08	AC-FT
		3,280.2	CF

Minimum Runoff Reduction Requirements

RRV = 90% rain (P) x Rv* x S x total impervious area (AI from #2) / 12

with S = .55 (A soils); .40 (B soils); .30 (C soils); .20(D soils) OR weighted HSG average in DA

Weighted HSG= 0.55

Min RRV =	0.063	ac-ft
Min RRV =	2,742.0	cu ft

STORMTECH SUBSURFACE STORMWATER CHAMBERS
SIZING PER CHAPTER 6 OF THE NYS STORM WATER DESIGN MANUAL

Design Parameters		
Select Stormtech Chamber	SC-740	
Stone Porosity (Industry Standard 40%)	40	%
Stone Foundation Depth	6	Inches
Avg Cover Over Chambers	24	Inches
Storage Volume Per Chamber	59	CF
Storage Volume Per End Cap	0	CF

UGC #	Required WQv	Required RRv	Min Chambers Required	Chambers Provied	End Caps Provided	WQv Provided	RRv Provided
1	829.9	453.0	14.1	30	6	2,807.0	2,807.0

Design Parameters		
Select Stormtech Chamber	MC-3500	
Stone Porosity (Industry Standard 40%)	40	%
Stone Foundation Depth	9	Inches
Avg Cover Over Chambers	24	Inches
Storage Volume Per Chamber	194	CF
Storage Volume Per End Cap	0	CF

UGC #	Required WQv	Required RRv	Min Chambers Required	Chambers Provied	End Caps Provided	WQv Provided	RRv Provided
2	2,161.6	1,154.9	11.1	27	6	5,440.0	5,440.0

WQv REQUIRED	
UGC-1	830
UGC-2	2162
TOTAL (CU FT)	2991
TOTAL (AC FT)	**0.07**

WQv PROVIDED	
UGC-1	2807
UGC-2	5440
TOTAL (CU FT)	8247
TOTAL (AC FT)	**0.19**

RRv REQUIRED	
UGC-1	453
UGC-2	1155
TOTAL (CU FT)	1608
TOTAL (AC FT)	**0.04**

RRv PROVIDED	
UGC-1	2807
UGC-2	5440
TOTAL (CU FT)	8247
TOTAL (AC FT)	**0.19**

Peak Flow Discharge Rate DP-1			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	1.3	1.2	**-0.1**
2	1.9	1.7	**-0.1**
10	3.5	3.3	**-0.2**
100	7.6	7.3	**-0.3**

Peak Flow Discharge Rate DP-2			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	0.5	0.2	**-0.3**
2	0.7	0.3	**-0.5**
10	1.3	0.5	**-0.8**
100	2.7	1.1	**-1.6**

Peak Flow Discharge Rate DP-3			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	0.3	0.2	**-0.2**
2	0.5	0.2	**-0.3**
10	1.0	0.4	**-0.6**
100	2.1	0.9	**-1.3**

Peak Flow Discharge Rate DP-4			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	0.0	0.2	**0.2**
2	0.0	0.4	**0.3**
10	0.7	0.7	**0.1**
100	3.5	1.7	**-1.8**

Peak Flow Discharge Rate OVERALL			
Storm Event	**Pre (cfs)**	**Post (cfs)**	**Net Reduction (cfs)**
1	2.2	1.8	**-0.4**
2	3.1	2.6	**-0.6**
10	6.5	5.0	**-1.5**
100	16.0	10.9	**-5.0**

TEST PIT LOG

Admiral Halsey II

Completed By: AH

Dated: November 15, 2021

Test Hole	Total Depth	Water Level	Rock Level	Soils
1	7'	7'	N/A	0-6" Topsoil
				6"-2.5' Fill: brick, asphalt
				2.5-7' Sandy brown soil, stones, wet
3	6.5'	5.5'	N/A	0-6" Topsoil
				6"-1.5' Fill: hard asphalt
				1.5-5.5' Clay
				5.5-6.5' Heavy groundwater
4	7.5'	N/A	N/A	0-6" Topsoil
				6"-3' Fill: bricks, asphalt
				3-7.5' Light brown silt/sand
5	7'	N/A	N/A	0-6" Topsoil
				6"-3' Fill: bricks, hard asphalt
				3-7' Brown silt/sand, fill
6	7'	N/A	N/A	0-6" Topsoil
				6"-3' Fill: bricks, asphalt
				3-6' Virgin topsoil (brown silt/sand)
				6-7' Light brown clay, wet

Location of test pits shown on DA-1

TEST PIT LOG

Admiral Halsey II

Completed By: AH

Dated: November 15, 2021

Test Hole	Total Depth	Run One (in/hr)	Run Two (in/hr)	Run Three (in/hr)	Average Run (in/hr)
TP-1		6.5	6.5	5.5	6.2
TP-3		125	66.5	55	82.2
TP-4		1.75	1.5	0.5	1.3
TP-6		60.5	63.5	60.5	61.5

Location of Infiltration Tests shown on DA-1

LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

Connecticut SBE Certified

85 Civic Center Plaza, Suite 103
Poughkeepsie, NY 12601
Tel: (845) 243-2880
Fax: (845) 265-8175

Offices in New York, Connecticut and New Jersey
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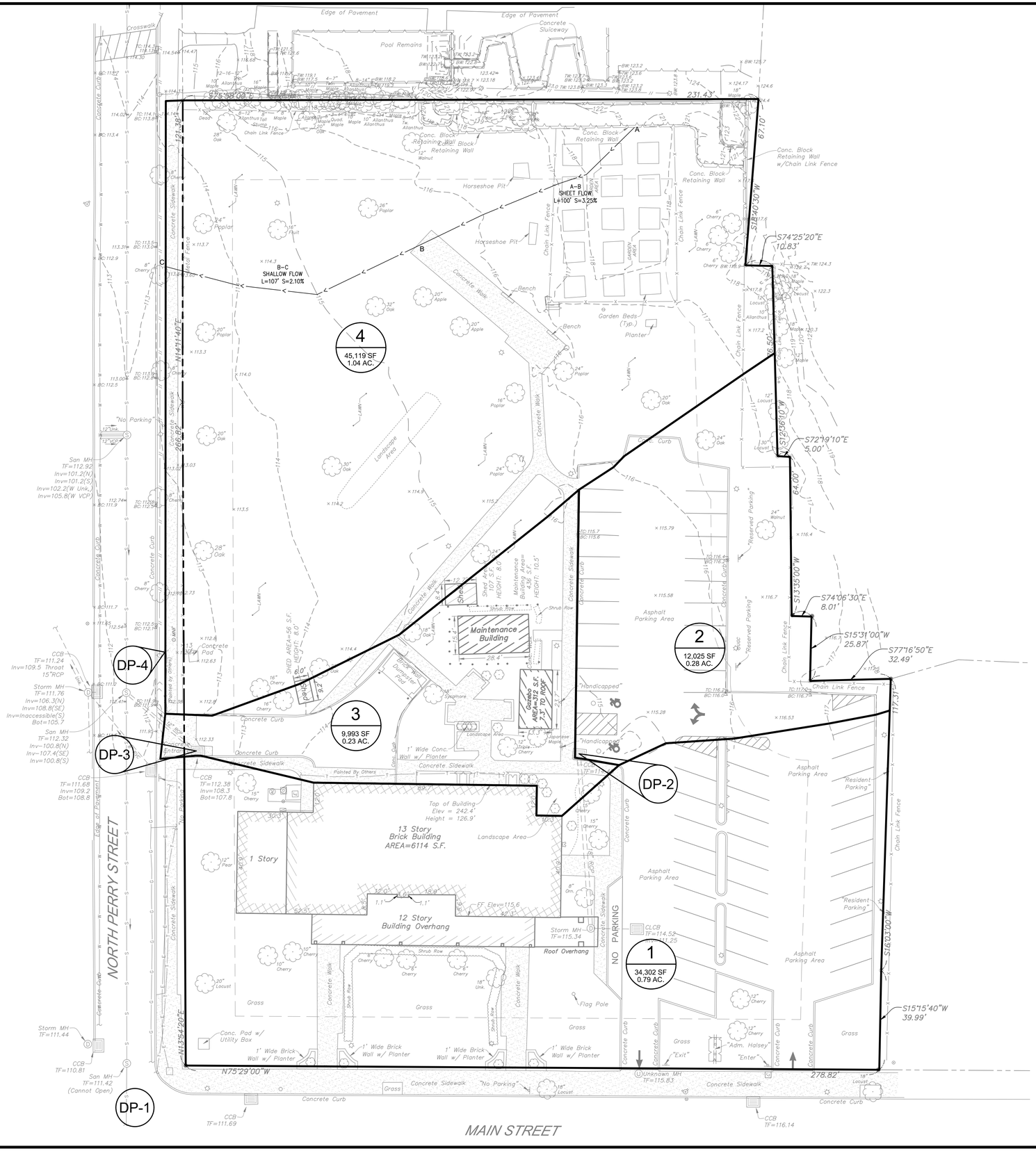
APPENDIX E

Map Pocket: Pre- & Post-Development Drainage Area Maps
Pre & Post Development Routing Diagrams



LEGEND

- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- DRAINAGE LINE
- SOIL BOUNDARY LINE
- TIME OF CONCENTRATION LINE
- TEST PIT LOCATION
- MgB — SOIL TYPE DESIGNATION
- 1 / XX,XXX SF / X.XX AC. — DRAINAGE AREA DESIGNATION

GRAPHIC SCALE

20 10 0 20

SCALE IN FEET

No.	Date	Description
1.	12/21/2021	REVISED PER COMMENTS

Revisions

STATE OF NEW YORK — RODNEY E. MORRISON — LICENSED PROFESSIONAL ENGINEER — 074196

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Tel: 845.243.2880

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LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

DRAINAGE AREA MAP (PRE-CONDITIONS)

ADMIRAL HALSEY II

125 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	DA21273001.dwg	Sheet No.
Drawn	SMC	Project No.	20–2370	DA-1
Checked	KFC	Date	2021–06–22	
Approved	REM	Scale	1"=20'	

X:\JOBS\Jobs 2021\21-2730-Admiral Halsey Phase II-Omni New York, LLC\DWG\DA21273001.dwg 11/29/2021 10:04 AM Bshakley

ADMIRAL HALSEY TWO
PROPOSED BUILDING - 4 & 5 STORIES
GROUND FLOOR AREA = 12,731.18 S.F.

ADMIRAL HALSEY ONE
EXISTING BUILDING - 13 STORIES
GROUND FLOOR AREA = 6,114 S.F.

1 — 3,352 SF — 0.77 AC.
2 — 5,279 SF — 0.12 AC.
3 — 1,052 SF — 0.09 AC.
4 — 21,672 SF — 0.50 AC.
5 — 4,693 SF — 0.11 AC.
6 — 5,259 SF — 0.12 AC.
7 — 6,429 SF — 0.15 AC.
8 — 8,032 SF — 0.18 AC.

NORTH PERRY STREET

MAIN STREET

LEGEND

- EXISTING MAJOR CONTOUR LINE
- EXISTING MINOR CONTOUR LINE
- PROPOSED MAJOR CONTOUR LINE
- PROPOSED MINOR CONTOUR LINE
- DRAINAGE LINE
- SOIL BOUNDARY LINE
- TIME OF CONCENTRATION LINE
- TEST PIT LOCATION
- SOIL TYPE DESIGNATION
- DRAINAGE AREA DESIGNATION

GRAPHIC SCALE
20 10 0 20
SCALE IN FEET

No.	Date	Description
1.	12/21/2021	REVISED PER COMMENTS

Revisions

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LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

DRAINAGE AREA MAP (POST-CONDITIONS)

ADMIRAL HALSEY II

125 MAIN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	BS	CAD File	DA21273002.dwg	Sheet No.
Drawn	SMC	Project No.	20-2370	DA-2
Checked	KFC	Date	2021-06-22	
Approved	REM	Scale	1"=20'	

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RECEIVED
SEP 2 9 2022

APPLICATION TO THE PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK

Application for Site Plan, Special Permit & Facade Approval

PB 2022-42

OFFICE USE ONLY
CODE: PLSF
ID # 192167
FEE: _____
Total, from:
$500, plus
$_____
($150 per 1000 square feet of floor area), plus
$_____
($35 per number of required parking spaces), plus
$500
($500 for special permit, if applicable)

N 0721

PAID
SEP 2 9 2022
JG

I. **PROPERTY ADDRESS:** 110 south Grand Avenue

II. **PROPERTY OWNER:** Faith Apostolic min
ADDRESS: 110 South Grand avenue Daughkeepsie NY 12603 (state and zip code)

PHONE NUMBER: 347 772 0851 (include area code)

III. **NAME OF APPLICANT:** Tanisha Clarke

ADDRESS: 9 cornwell street Poughquag NY 12570 (state and zip code)

PHONE NUMBER: 347 772 0851 (include area code)

EMAIL ADDRESS: faithapostolicny@gmail.com

(If applicant is NOT the owner, proof of owner's consent to the application MUST be provided.)

IV. **CONSULTANT:** _____

ADDRESS: _____

_____

_____ (state and zip code)

PHONE NUMBER: _____ (include area code)

V. **PROPOSED USE or FAÇADE CHANGE** (Summarize proposed use or uses): open 2 room total of 20 kids for daycare

VI. **ZONING DISTRICT:** _____ rooms 100 + 101 only

(Proceed to XVII for special permit & façade approval only)

PROJECT INFORMATION

New construction: _____(yes)_____ (no)

Change of use:_____ (yes) _____ (no)

Expansion/addition:_____ (yes) _____ (no)

Alteration:_____ (yes) _____ (no)

Cost of Construction: $_____

LOT AND BULK INFORMATION:

Lot area: _____ (acres) _____ (square feet)

Building Footprint: _____ (proposed square feet for new construction)

_____ (existing square feet for change of use/expansion)

_____ (additional proposed square feet for expansion)

_____ (total building footprint, square feet)

Lot Coverage: _____ (percentage, building coverage only)

Gross Floor Area: _____ (proposed square feet for new construction)

_____ (existing square feet for change of use/expansion)

_____ (additional proposed square feet for expansion)

_____ (total gross floor area, square feet)

Building Height: _____ (stories) _____ (feet)

Floor Area Ratio: _____ (ratio of gross floor area divided by lot area)

VIII. PROJECT PARKING INFORMATION

A) Number of Off-Street Parking Spaces required: _____

B) Number of Off-Street Parking Spaces provided: _____

C) Waiver Requested: _____ (Yes) _____ (No)

Is municipal parking available within 600 feet? _____ (Yes) _____ (No)

If yes, name all such municipal facilities: _____

_____

_____

(If a waiver is requested based on proximity to municipal facilities, a written request for such waiver, addressed to the City Planning Staff and the Chairman of the Planning Board, must be submitted with the application.)

If a private parking facility is to be utilized, is such facility within 600 feet?

_____ (Yes) _____ (No)

If yes, provide the address of the facility, name of the property owner, number of spaces in the lot, number of spaces available for lease, and length of lease. Attach copy of lease. Additional information may be required by the Planning Board):

_____

_____

_____

_____

IX. RESIDENTIAL PROPOSALS

A) Type of Development: _____
(Townhouse, condominium, multiple residence rental, etc.)

B) Unit Breakdown:

Number of efficiency or "studio" units: _____

Number of one (1) bedroom units: _____

Number of two (2) bedroom unit's _____

Number with three or more bedrooms: _____

Total number of units: _____

C) Is funding public? ____ Yes ____ No

If yes, describe funding source: _____

X. OFFICE PROPOSALS (____ Medical/Dental ____ Professional ____ Business)

A) Number of Employees: _____

B) Number of doctors/dentists/medical practitioners: _____

C) Days/Hours of Operation: _____

XI. SERVICE BUSINESS PROPOSALS

A) Specify Business: _____
(e.g., laundromat, drycleaner, beauty parlor, travel agency, banks)

B) Number of Employees: _____

C) Number of Washing Machines (for laundromat): _____

D) Days/Hours of Operation: _____

XII. MERCANTILE PROPOSALS (Retail _____ Wholesale _____)

A) Type of Mercantile (specify): _____

B) Number of Employees: _____

C) Days/Hours of Operation: _____

XIII. STANDARD RESTAURANT/FAST FOOD RESTAURANT/COFFEE SHOP/DONUT SHOP/NIGHTCLUB/DISCOTHEQUE/BAR PROPOSALS

A) Specify Use: _____

B) Number of seats (excluding bar stools and outdoor seating):_____

C) Meals served (i.e., breakfast, lunch, dinner): _____

D) Type of Menu: _____

E) Days/Hours of Operation: _____

F) Entertainment (live and/or recorded):_____

G) Will the restaurant contain a bar/lounge?: _____ Yes _____ No

H) If yes, how many seats at the bar? _____

I) Is a drive-through window proposed? _____

J) Is a walk-up window proposed? _____

K) Is an outdoor seating area proposed? _____

L) If yes, how many seats are proposed? _____

M) If yes, is outdoor cooking proposed? _____

XIV. INDUSTRIAL/COMMERCIAL PROPOSALS (Automobile repair, taxi, motor vehicle sales, warehouse, manufacturing, animal hospital, research facilities, etc.)

A) Specify Use: _____

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

E) Number of work bays (if automobile repair): _____

F) Days/Hours of operation: _____

XV. EDUCATIONAL/INSTITUTIONAL/RECREATIONAL PROPOSALS (e.g., Museums, Theatres, Conference Centers, Hotels, Motels, Hospitals, Nursing Homes, Assisted Living Facilities, Nursery Schools, Private Schools, Day Care Centers, Places of Worship, Marinas, Membership Clubs, etc.)

A) Specify: _____

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

D) Number of beds (hospitals, nursing homes, etc): _____

E) Number of seats in largest assembly space: _____

F) Number of classrooms (schools): _____

G) Number of rental units (hotels, motels, etc.) _____

H) Number of boat slips/courts (e.g., tennis, handball, etc.), alleys: _____

I) Days/Hours of Operation: _____

XVI. PROPOSALS NOT MENTIONED ABOVE (Please be specific):

_____

_____

_____

_____

_____

XVII. APPLICANT CERTIFICATION

I, Tanisha Clarke, certify that the this application has addressed the objectives outlined in the Zoning Ordinance with consideration given to the public health, safety and welfare; the comfort and convenience of the public in general or the residents or users of the proposed development and of the immediate neighborhood.

The applicant certifies that all information contained herein is accurate and complete as of the date of this application.

_____ 9/25/22

Signature of Applicant Date

Revised January 2018: Previous Editions Obsolete

Michael R. Berta. AIA
Architecture & Planning

January 9, 2023

Planning Department
City of Poughkeepsie
62 Civic Center Plaza, 2nd Floor
Poughkeepsie, NY 12601

Re: 110 S. Grand Avenue
Planning Board Application
Waiver Request

Chairperson and Members of the Board

Thank you for your time and efforts on our application. We are submitting a revised site plan which includes comment from the board at the December meeting.

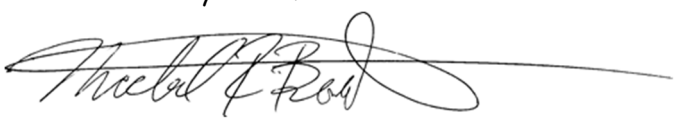
We have added the dimensions of the existing playground area and have shown the future area with dimensions.

We have added the proposed future expansion, refer to legend on site plan for locations. Also shown are the proposed parking expansion areas, the exact size and shape to be determined.

There is the possibility of underground utility work to be done in the courtyard where the proposed playground would be, until any work needs to be completed in the area the existing playground needs to remain where it is

Thank you again for your time and I look forward to discussing the project with you.

Sincerely Yours.



Michael R. Berta, AIA
Architect

7 Robert Road Poughkeepsie, New York 12603 (845) 489-1638 fax (845) 483-9887
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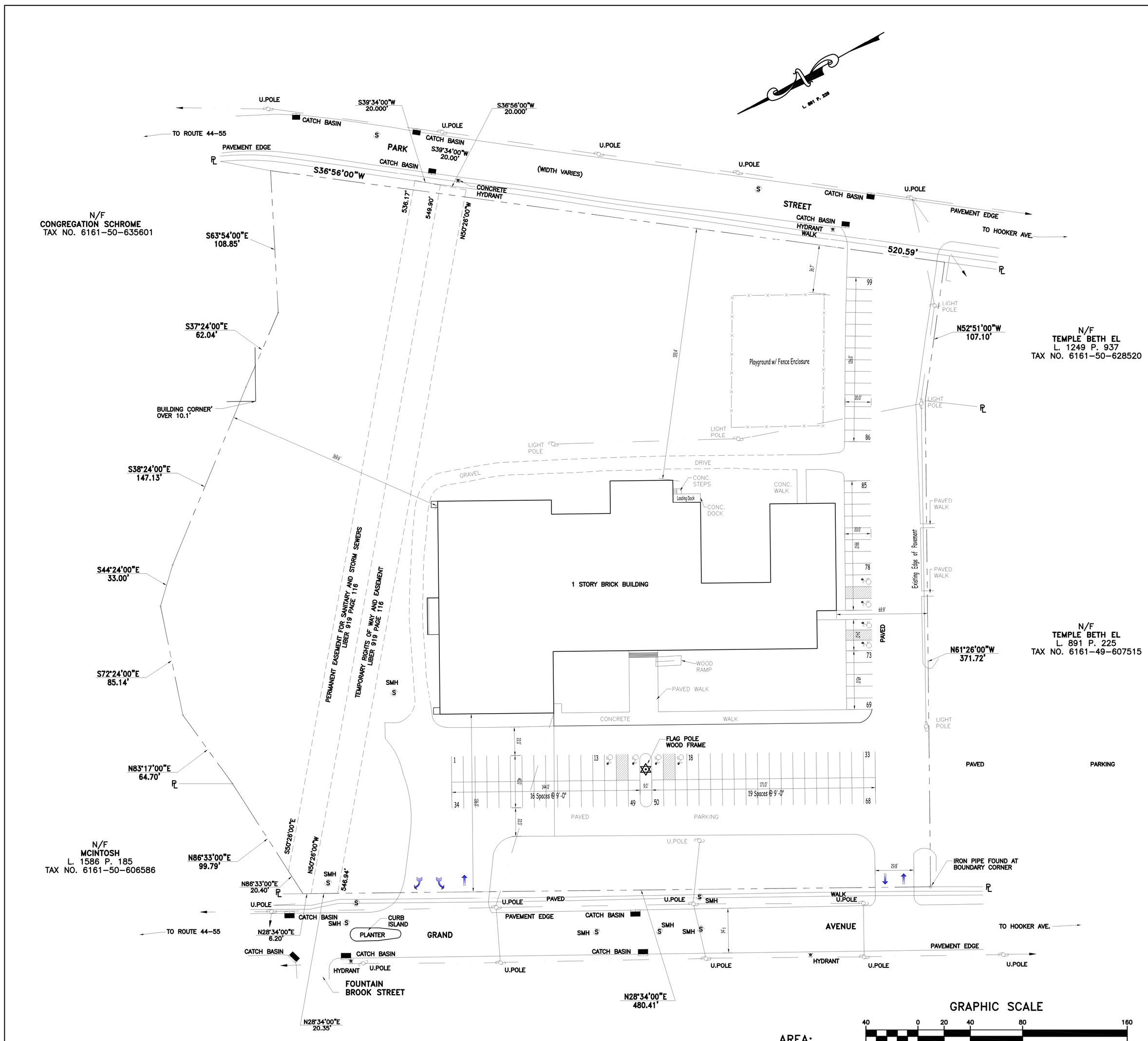
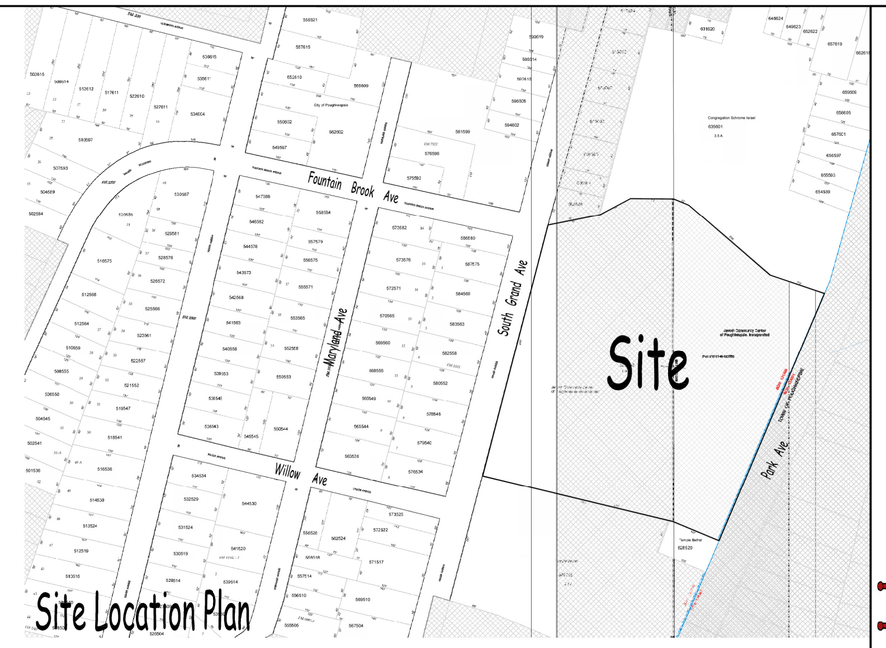


Site Plan

Scale: 1" = 40'-0"

AREA:
6.389± AC.

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.



Site Location Plan

Site Data

Tax Map No	131300-6161-49-620556-0000	
Zone	R-2 (Medium Low Density Residence)	
Use	Mixed Use (Church & Daycare)	
	Required	**Provided**
Lot Area	10,000 SF	6.39 ac (278,336.39 sf)
Min Lot Dimensions		
Frontage	30'	287.77'
Width	50'	287.77'
Setbacks		
Front	20'	136.00' (Existing)
Side	10'	169.6'' (Existing)
Side	10'	69.9' (Existing)
Rear	15% of Lot Depth = 82.5' (Not Less Than 15'')	194.42' (Existing)
Building Hgt (Height / Stories)	35' / 2 1/2	28' / 1 story (Existing)
Maximum Lot Coverage	30 % 278,336.39 sf x .30 = 83,500.90 sf	13 % 36,082 sf

Off Street Parking

Church	1 Space per 4 seats	275 Seats / 4	=	69 Spaces
Daycare	1 Space per Staff Member	16 Staff Members	=	16 Spaces
Classroom	1 Space per Classroom	5 Classrooms	=	5 Spaces
			=	90 Spaces Required

99 Spaces Required
(Includes 8 Handicapped Spaces)

City Planning Board
City of Poughkeepsie, New York

Site Plan Approval
File No
Project Name:
Project Location:
Applicant:

Officially approved at the planning board meeting held the ____ day of _____, 2____
Planning Chair:
Designee:
Date Signed:
Condition(s):

Fire Chief

Police Chief

Building Inspector

City Engineer

Commissioner of Public Works

Note:
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REGISTERED ARCHITECT MICHAEL RAMSEY BERTA 026787 STATE OF NEW YORK

These plans are not valid for a building permit unless originally signed and sealed by the ARCHITECT

Do Not Scale Prints

Date	Revision

Proposed Site Plan

Proposed Compliance Plan For
Faith Apostolic Ministries Inc
110 South Grand Ave.
Poughkeepsie, New York

Date December 5, 2022
Job No 2022-052
Scale As Noted
Drawing SP-1
Of One

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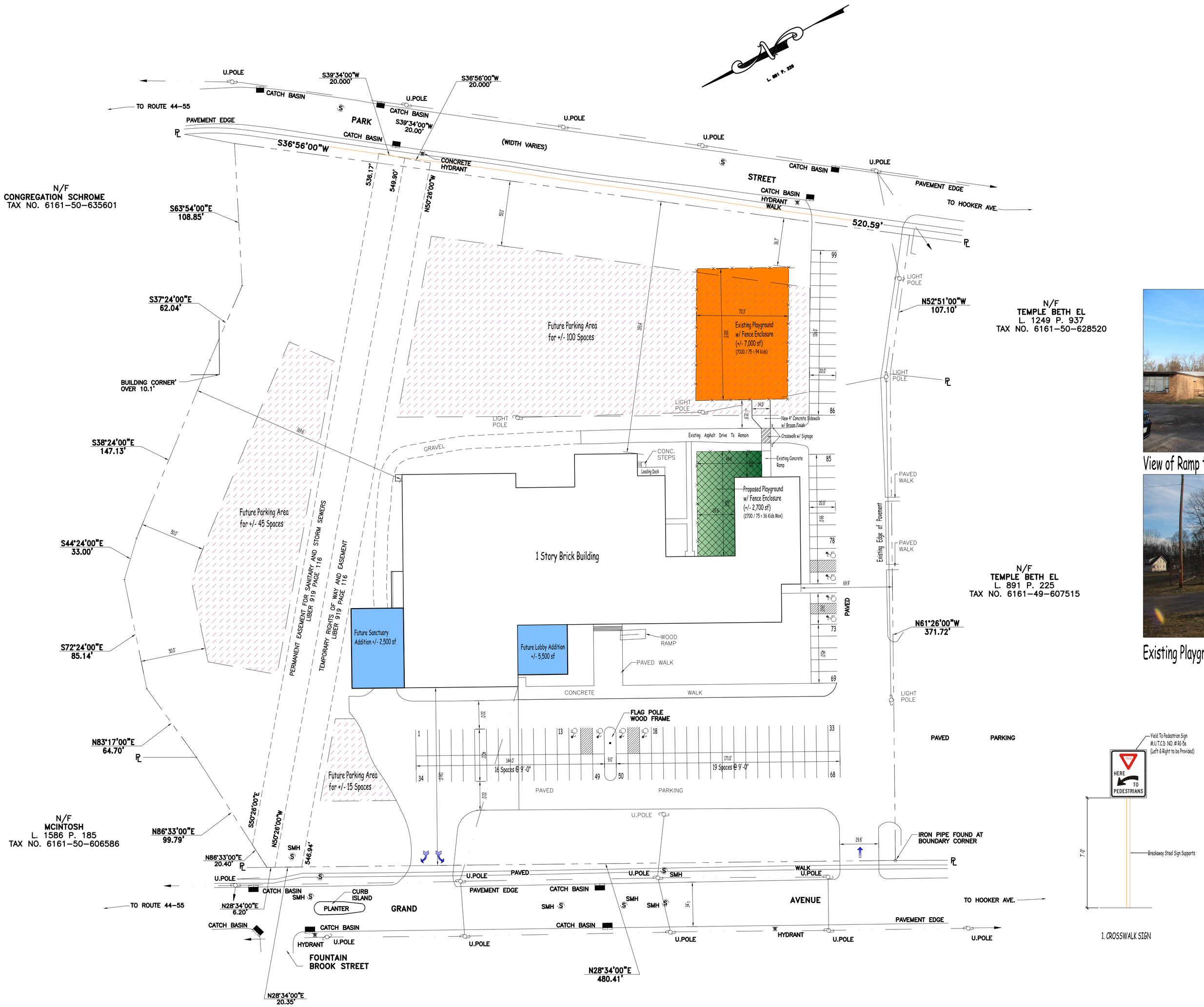


Site Plan

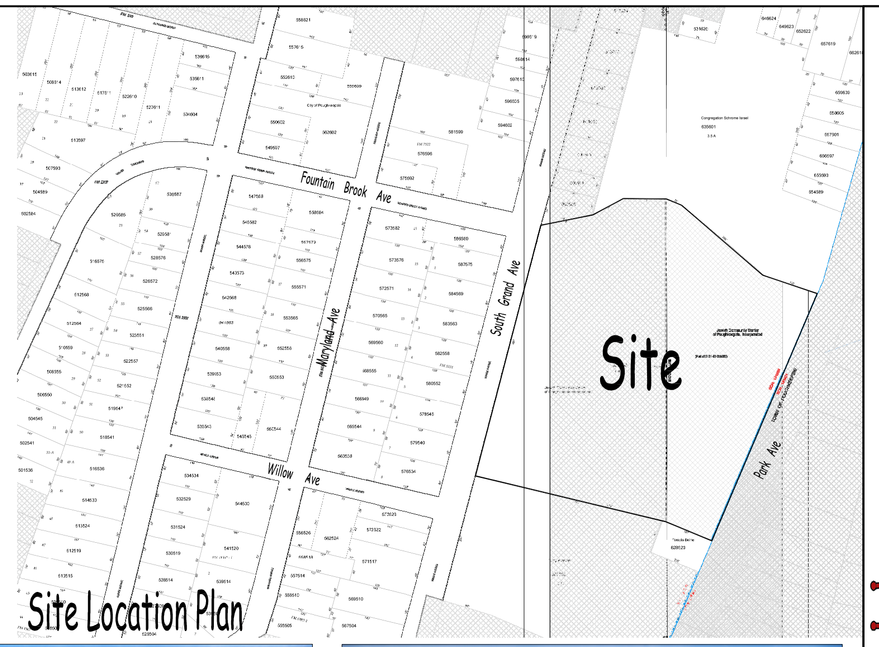
Scale: 1" = 40'-0"

AREA:
6.389± AC.

Area Legend

- Proposed Area for Future Parking
- Existing Playground Area
- Proposed Area for Future Playground
- Future Addition

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.



Site Location Plan

View of Ramp to Existing Playground

Proposed Location of Future Playground

Existing Playground Area

Crosswalk To Playground

Site Data

Tax Map No	131300-6161-49-620556-0000	
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99 Spaces Required
(Includes 8 Handicapped Spaces)

City Planning Board
City of Poughkeepsie, New York

Site Plan Approval
File No:
Project Name:
Project Location:
Applicant:

Officially approved at the planning board meeting held the ____ day of _____, 2___
Planning Chair:
Designee:
Date Signed:
Condition(s):

Fire Chief

Police Chief

Building Inspector

City Engineer

Commissioner of Public Works

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REGISTERED ARCHITECT MICHAEL RICHARD BERTA STATE OF NEW YORK

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Date	Revision
January 04, 2023	Misc Revision per Meeting

Do Not Scale Prints

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Proposed Site Plan

Proposed Compliance Plan For
Faith Apostolic Ministries Inc
110 South Grand Ave.
Poughkeepsie, New York

Date	December 5, 2022
Job No	2022-052
Scale	As Noted
Drawing	SP-1
Of	One

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Michael R. Berta. AIA
Architecture & Planning

December 5, 2022

RECEIVED
DEC 0 6 2022

Planning Department
City of Poughkeepsie
62 Civic Center Plaza, 2nd Floor
Poughkeepsie, NY 12601

Re: 110 S. Grand Avenue
Planning Board Application
Waiver Request

Mr. Chairman and Members of the Board

We are currently working on an addition and renovation project that we will be meeting submitting in the near future, but our client has an immediate need to add a daycare function in their existing building prior to the application for the larger project.

As part of the application for the daycare we ask for the following waivers,

- Existing contours or spot elevations and proposed grading.
- All watercourses, wooded area, rock outcrops and isolated trees.
- Storm water / floodplains.
- Proposed buildings or improvements.
- Details elevations.
- Utilities and service connections.
- Screening and landscaping.
- Lighting plan and photometrics.
- Storm water improvements.
- Erosion control plan and site fencing plan.

The current application for the daycare will have no exterior construction or change in the existing utilities, all proposed work will be inside of the building.

Thank you again for your time and I look forward to discussing the project with you.

Sincerely Yours.

Michael R. Berta, AIA
Architect

7 Robert Road Poughkeepsie, New York 12603 (845) 489-1638 fax (845) 483-9887
E-Mail mike@bertaarchitects.com Web Site www.bertaarchitects.com

Faith Apostolic Ministries
110 South Grand Avenue
Poughkeepsie NY 12603
845-471-0430

12/9/22

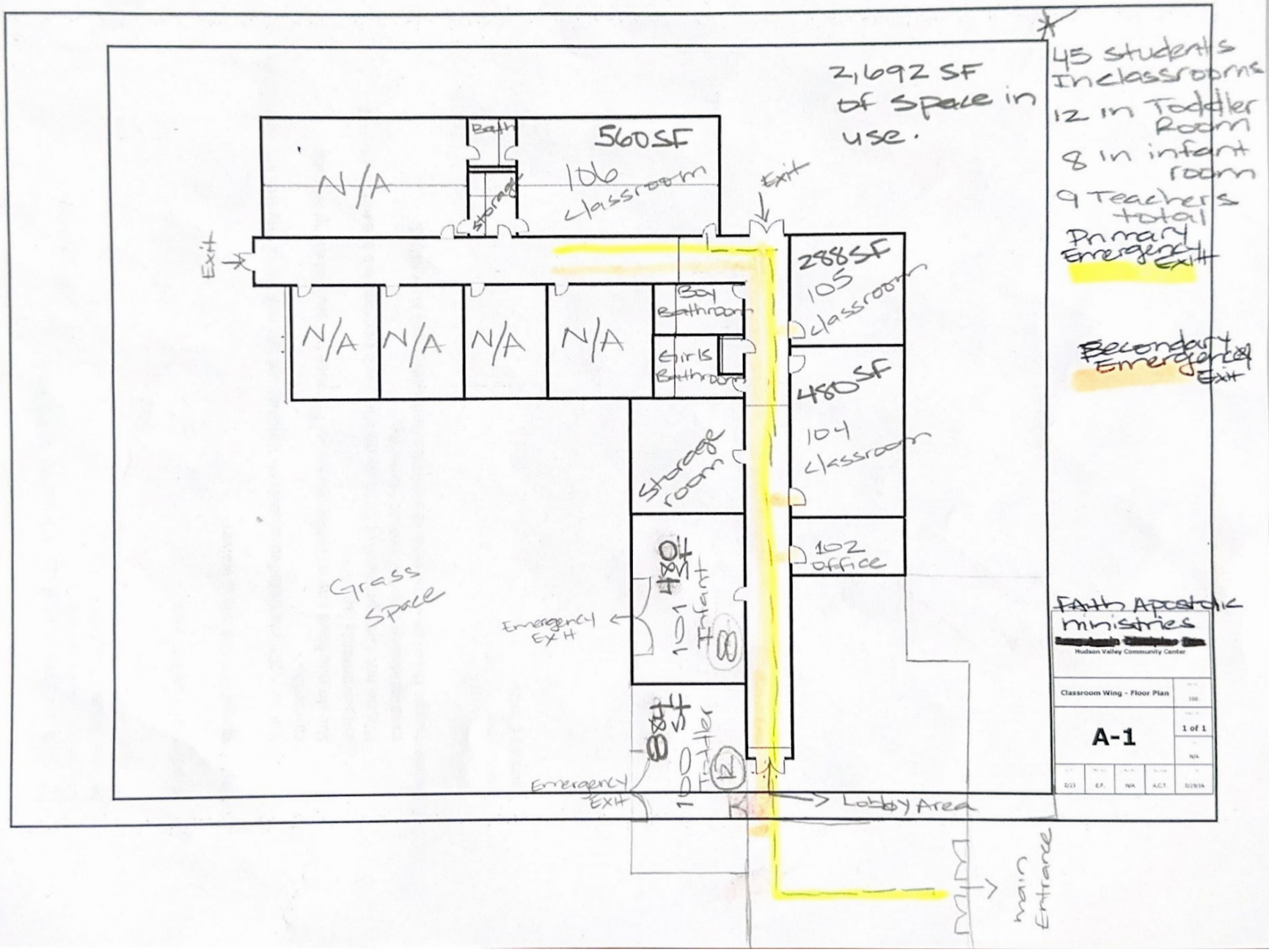
To whom it may concern,

Please except the following waivers.

- We do not have detailed elevations because we are not doing any site improvements currently.
- We do not have any outlined easement because we are not doing any site improvements currently
- We do not have protection of trees on site plans because we are not doing any excavations or improvements currently.

Please except these as waivers to the starred items on pages submitted.

Thank you,
Tanisha Clarke


2,692 SF of Space in use.
45 students In classrooms
12 in Toddler Room
8 in infant room
9 Teachers total
Primary Emergency Exit
Secondary Emergency Exit
560SF
106 classroom
N/A
Bath
storage
Exit
288SF
105 classroom
480SF
104 classroom
102 office
Boy Bathroom
Girls Bathroom
N/A
N/A
N/A
N/A
storage room
480 SF
101 Infant
8
884 SF
100 Toddler
12
Grass Space
Emergency Exit
Emergency Exit
Lobby Area
main Entrance
Faith Apostolic ministries
Hudson Valley Community Center
Classroom Wing - Floor Plan
A-1
1 of 1
N/A
E.F.
N/A
A.C.T.

THE CITY OF POUGHKEEPSIE
NEW YORK
DEVELOPMENT DEPARTMENT
62 CIVIC CENTER PLAZA, 2ND FLOOR
POUGHKEEPSIE, NY 12601
Phone: (845) 451-4010 Fax: (845) 451-4006

MEMORANDUM

To: Tanisha Clarke, Applicant

From Natalie Quinn, Development Director

Date: December 2, 2022

Re: 110 South Grand Avenue, PB#2022-042 – SEQR Classification

---

Upon review of project materials provided by the applicant, including Short EAF Part 1 and site plan application, it is my understanding that the proposed action to be undertaken includes establishment of a daycare facility in a portion of the existing building at 110 South Grand Avenue

Based on the above description it is the determination of the planning division that the proposed action is classified as an Unlisted Action with regards to SEQRA, and therefore is subject to an uncoordinated or coordinated (optional) environmental review. This determination was made due to the fact that the proposed action was not expressly listed in 6 NYCRR Section 617.4 (Type I Actions) or 617.5 (Type II Actions).

Could maybe be Type II
Section (c)(18) Reuse of a residential or commercial structure, or of a structure containing mixed residential and commercial uses, where the residential or commercial use is a permitted use under the applicable zoning law or ordinance, including permitted by special use permit, and the action does not meet or exceeds any of the thresholds in section 617.4

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information

Name of Action or Project: Faith Apostolic Ministries

Project Location (describe, and attach a location map): 110 South Grand Ave

Brief Description of Proposed Action: Daycare opening a daycare with just infants and toddlers

Name of Applicant or Sponsor: Tanisha Clarke

Telephone: 347 772 0851

E-Mail: faithApostolicny@gmail

Address: 110 South Grand Ave

City/PO: Poughkeepsie

State: NY

Zip Code: 12603

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☒	☐
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval:	☒	☐

3. a. Total acreage of the site of the proposed action? 6.39 acres
   b. Total acreage to be physically disturbed? 0 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 6.39 acres

4. Check all land uses that occur on, are adjoining or near the proposed action:
   ☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☒ Commercial ☒ Residential (suburban)
   ☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other(Specify):
   ☐ Parkland

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	NO	YES	N/A
5. Is the proposed action,			
a. A permitted use under the zoning regulations?	☐	☒	☐
b. Consistent with the adopted comprehensive plan?	☐	☒	☐

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☐	☒

	NO	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		
If Yes, identify: _____	☒	☐

	NO	YES
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☒	☐
b. Are public transportation services available at or near the site of the proposed action?	☐	☒
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	☐	☒

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements?		
If the proposed action will exceed requirements, describe design features and technologies: _____	☐	☒

	NO	YES
10. Will the proposed action connect to an existing public/private water supply?		
If No, describe method for providing potable water: _____	☐	☒

	NO	YES
11. Will the proposed action connect to existing wastewater utilities?		
If No, describe method for providing wastewater treatment: _____	☐	☒

	NO	YES
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	☒	☐
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	☒	☐

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☒	☐
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	☒	☐
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____		

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14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional
☐ Wetland ☐ Urban ☒ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	☒	☐
16. Is the project site located in the 100-year flood plan?	☒	☐
17. Will the proposed action create storm water discharge, either from point or non-point sources?	☒	☐
If Yes,		
a. Will storm water discharges flow to adjacent properties?	☒	☐
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	☒	☐
If Yes, briefly describe: _____		
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)?	☒	☐
If Yes, explain the purpose and size of the impoundment: _____		
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?	☒	☐
If Yes, describe: _____		
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	☒	☐
If Yes, describe: _____		

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor/name: Tanisha Clarke Date: 11/10/22

Signature: _____ Title: Administrator

PRINT FORM

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CITY OF POUGHKEEPSIE, NY
BUILDING, PLANNING & ENGINEERING DEPARTMENTS

SITE PLAN CHECK SHEET

ADDRESS: 110 S Grand

The following is a list of deficiencies noted to exist in the submission relative to the requirements for site plan review.

I) APPLICATION REQUIREMENTS AND GENERAL SITE PLAN INFORMATION

Compliance Certified			Item Description
☐ YES	☑ NO		Properly completed application form, including accurate contact information and applicant signature.
☑ YES	☐ NO		Required fees submitted: ☐ Site Plan: $500, plus $150 for 1000 square feet of floor area; ☐ Special Permit: $250 ☐ Full EAF: $500; ☐ $35 x _____ (# of Required Parking Spaces) = _____ TOTAL: _____
☐ YES	☑ NO		Short Environmental Assessment Form submitted.
☐ YES	☐ NO	NA	Full Environmental Assessment Form submitted.
☐ YES	☑ NO		Name and address of owner of record appears on plan. Not current
☑ YES	☐ NO		Name and address of person, firm or organization preparing the plan.
☑ YES	☐ NO		Date (including any revision dates), north arrow, written and graphic scale.
☐ YES	☑ NO		Vicinity map (i.e., Sanborn, tax map).
☐ YES	☑ NO		Existing zoning (lot and bulk tables are not required, but if provided must be accurate).
☑ YES	☐ NO		Professional signature and seal on plan, as required by law. Survey
☐ YES	☑ NO		Names of owners of adjoining properties, as shown on the latest tax records.
☐ YES	☑ NO		A statement indicating the financial capability of the applicant to complete the proposed development.
☐ YES	☑ NO		Are any waivers requested? If so, list here (and provide a written request for waiver, outlining the item to be waived and the rational for waiver: Lighting and landscape

SITE PLAN CHECK SHEET PAGE 2
ADDRESS: _____

II) EXISTING SITE CONDITIONS

Compliance Certified			Item Description
☑ YES	☐ NO		Site plan is prepared under the direction of a licensed surveyor or licensed professional engineer or references a properly prepared survey with surveyor name, license number and survey date indicated. If a city digital map is utilized, field verification of all features and elevations must be certified by a licensee surveyor or licensed professional engineer.
☑ YES	☐ NO		Location, width and purpose of all existing easements, rights-of-way, setbacks, reservations and rears dedicated to public use, outline of existing covenants and deed restrictions within, adjacent or otherwise pertaining to the property.
☐ YES	☑ NO		Plan view must show all existing features extending a minimum of twenty-five (25) feet past property boundary lines. Such features include all of the following:
☐ YES	☐ NO	NA	Existing contours with intervals of five (5) feet or less, referred to a datum satisfactory to the Planning Board. If parcel is relatively flat, contours MAY be waived if spot elevations are shown which indicate the general slope of the terrain;
☑ YES	☐ NO		Paved areas, walkways, parking areas, vehicular access to public streets, internal drives (detailed as required by material type: i.e., asphalt, concrete, stone, etc); existing landscaping, screening and fences (detailed);
☑ YES	☐ NO		Outlines and descriptions of all structures;
☐ YES	☐ NO	NA	All watercourses, marshes, wooded areas, rock outcrops, isolated trees with a diameter of eight (8) inches or more measured three (3) feet above the base of the trunk, curbs, sidewalks, adjacent streets with names and widths, and any other significant features.
☐ YES	☐ NO	NA	Show locations of ALL existing utilities, underground and aboveground, within and adjacent to property and in the street, including, but not limited to: sanitary, storm, water, gas and electric, and any utility poles, including light poles. Show all existing connections.
☐ YES	☐ NO	NA	Approximate boundaries of any areas subject to storm water overflows (reference FEMA 100 year floodplain panel or study).

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SITE PLAN CHECK SHEET PAGE 3
ADDRESS: 110 S Grand

III) PROPOSED SITE IMPROVEMENTS

Compliance Certified			Item Description
☐ YES	☐ NO	NA	The location of all proposed buildings or structural improvements.
☐ YES	☑ NO		Detailed elevations of all proposed principal and accessory structures.
☐ YES	☐ NO	NA	Show locations, size and material of all proposed utilities and service connections.
☐ YES	☑ NO		The location and design of all uses not requiring structures, such as off-street parking and loading areas, walkways, other paved areas and any open space for tenant recreational purposes for residential development. Profiles indication grading and cross sections showing location and width or roadways and walkways. Any proposed direct pedestrian connection to public parking lots or structures will also be shown.
☐ YES	☐ NO	NA	Proposed screening and landscaping, including a planting plan, in accordance with Section 19-4.11 of the Zoning Ordinance.
☐ YES	☑ NO		Location, direction, power and time of use of any proposed outdoor lighting or public address systems. Provide an Isometric Footcandle Distribution Diagram, maximum illuminance levels shown in footcandle measurements on a grid of the site showing readings in every ten-foot square, overlaid on the site plan, as a separate sheet or view. One-half (1/2) foot candle is recommended. All lights to be shielded to prevent glare on adjoining properties, including public property.
☐ YES	☐ NO	NA	Any proposed new grades, indicating clearly how such grades will met existing grades of adjacent properties or the street.
☐ YES	☐ NO	NA	An outline of any proposed easements, deed restrictions, covenants or rights-of-way and a notation of any areas to be dedicated to a public agency, and any public improvements contemplated on or adjoining the property.
☐ YES	☑ NO		Location of any fire alarm boxes and/or connections to the city fire alarm system.
☐ YES	☐ NO	NA	A determination of storm water quality requirements based on NYDES Phase II requirements. Further, ANY improvements within the Fallkill Creek watershed, which has been declared a 303(D) impaired watershed, require full stormwater treatment as per NYSDEC.

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SITE PLAN CHECK SHEET PAGE 4
ADDRESS: _____

IV) OTHER REQUIRED PLAN NOTES

Compliance Certified			Item Description
☐ YES	☐ NO	NA	Show plans for all proposed stormwater improvements. Applicant shall mitigate storm to historic run-off rates for the 10-year storm.
☐ YES	☐ NO	NA	The following note concerning the protection of trees must be shown on all site plans where existing trees are proposed to be retained: "Prior to the start of construction or excavation, trees to be retained shall be protected by silt fence, snow fence, construction fence, or equal, which will be placed at the drip line or several feet beyond. However, the fencing shall not cross public sidewalks. No storage or stockpiling of construction materials, debris or equipment shall occur within the fenced area." In addition to the note on the plan, the location of the protective fencing must be shown on the site plan or landscape plan. Where a trees close proximity to a proposed building, driveway, parking area, or construction vehicle access way prevents the installation of fencing at the drip line, the modification of the fence position shall be shown on the site plan and shall be subject to the approval of the Planning Board. Field modification of the fence position may be granted by the Building Inspector/Zoning Administrator or Deputy Building Inspector.

V) REQUIRED REFERRALS TO OTHER AGENCIES OR BOARDS

☐ YES	☑ NO	Dutchess County Planning Department
☐ YES	☑ NO	Zoning Board of Appeals
☐ YES	☑ NO	Historic District and Landmark Preservation Commission
☐ YES	☑ NO	Waterfront Advisory Committee
☐ YES	☑ NO	Shade Tree Commission

ADDITIONAL COMMENTS

No short EAF

_____

_____

_____

_____

_____ _____

Natalie Quinn, Senior Planner — Date
Judith Knauss, Deputy Zoning Administrator
Lori Garcia, Municipal Administrative Assist.

ZONING REVIEW RECORD

LOCATION: 110 S. Grand Ave APPLICATION DATE: 9/29/22

PROPOSAL: Addition of 2 Room Daycare to Existing Church

REVIEWER: Joe O'Brien REVIEW DATE: 10/5/22

ZONING DISTRICT: (R-2) Medium Low-Density Residence District

THE USE IS:				
(a)	Permitted by Right	☐	Section 19-	
(b)	Permitted after Site Plan Review	☐	Section 19-	
(c)	Permitted by Special Permit	☑	Section 19-	3.12(2)(b)3.
(d)	Not Permitted in this District	☐	Section 19-	
(e)	Change in Legal Nonconforming Use	☐	Section 19-	

LOT AND BULK REQUIREMENTS

ITEM	REQUIRED	SECTION	PROVIDED
Minimum Lot Area	20,000 SF	19-3.13(4)(a) 2	278,784 SF
Minimum Lot Width	50'	19-3.13(4)(b)	480'
Minimum Frontage	30'	19-3.13(4)(c)	480'
Minimum Yards		19-3.	
Front	20'	19-3.13(4)(d) 1	0'
Side	10'	19-3.13(4)(d)2	Right side 0', Left side 169.1
Rear	15% lot depth, not less than 15'	19-3.13(4)(d)3	5'
Maximum FAR		19-3.	
Maximum Height	2½ stories or 35'	19-3.13(4)(e)	Not provided
Maximum Lot Coverage	30%	19-3.13(4)(f)	Not provided
Open Space		19-3.	

PARKING AND LOADING REQUIREMENTS

ITEM	REQUIRED	SECTION	PROVIDED
Parking Spaces	See notes page 3.	19-4.3(11)	Not provided
Parking Space Size	9' x 20'	19-4.3(5)(b)	Not provided
Access to Parking			Not provided
a) 4 or fewer spaces	8' – 15'	19-4.13(2)	
b) More than 4	One 15' Lane	19-4.3(5)(a)	
c) More than 20	Two 10' Lanes	19-4.3(5)(a)	
Aisle Width	22'	19-4.3(5)(b)	Not provided
Plantings	Site plans	19-4.3(1)	Not provided
Screening	N/A	19-4.3(2)	N/A

Is a public or private parking facility available within 600'? ☐ Yes ☑ No

Revised 6/28/1

ZONING REVIEW RECORD **PROPERTY:** 110 S. Cornus Ave

PARKING AND LOADING REQUIREMENTS (continued)

ITEM	REQUIRED	SECTION	PROVIDED
Loading Berths		19-4.3(12) (a)	
Loading Berth Size	15' x 45' x 14'	19-4.3(12) (b)	
Access to Berth			
a) To berth alone	10'	19-4.3(12 (c))	
b) Combined access	25'	19-4.3(12) (c)	
c)		19-4.3(5) (a)	
Location of Exits and Entrances		19-4.3(5) (b)	
a) Parking lots with more Than 4 spaces	Prohibited within 50' of any street intersection	19-4.3(5) (a)	
Loading areas		19-4.3(12) (c)	

LANDSCAPING REQUIREMENTS

ITEM	REQUIRED	SECTION	PROVIDED
General Landscaping	YES	19.4.11(1) (a)	NOT PROVIDED
Landscape Strips	SITE PLAN	19.4.11(1) (b)	NOT PROVIDED

ACCESSORY USES

ITEM	REQUIRED	SECTION	PROVIDED
Swimming Pools		19-4.7	
Tennis Courts (etc.)		19-4.8	
Other:		19-4.13	

SIGN REQUIREMENTS

TYPE OF SIGN:
SECTION: 19-4.9 ( )

NOT PROVIDED

Revised 6/28/1

ZONING REVIEW RECORD **PROPERTY :** 110 S. Grand Ave

ADDITIONAL COMMENTS

SECTION	COMMENT
19-4.3(11)	Churches - 1 space per 4 seats, Day Care - 1 space per staff member plus 1 space per classroom

IS THE PROPERTY IN THE CITY'S HISTORIC DISTRICT? ☐ YES See 19-4.5 ☑ NO

IS THE PROPERTY LISTED ON THE NATIONAL REGISTER? ☐ YES See 19-4.17 ☑ NO

IS THE ACTION PROPOSED A TYPE ONE ACTION? ☐ YES ☑ NO

IS THE PROPERTY LOCATED IN A FLOOD PLAIN: ☐ YES See 19-4.6 ☑ NO

COMMENTS:

ADDITIONAL REVIEWS REQUIRED	YES	NO	FORWARDED	DATE
PLANNING BOARD (Site Plan)	☐	☐		
PLANNING BOARD (Special Permit	☑	☐		
HISTORIC DISTRICT COMMISSION	☐	☑		
OTHER:	☐	☑		

DISPOSITION

DATE: 10/5/22

Signature:

Revised 6/28/1

NYS Child Day Care Facility Application and Management System (FAMS) Application Received Notification

Inbox

pop Apr 27

to Faithapostolicny

Dear Kedisha Wray,

Your application has been received by the office for FAITH ACADEMY, 883483 and will now be considered for review. Please note: You have 90 days from the date of this message to complete any outstanding information before your application is withdrawn. If your application is withdrawn and you wish to resume working on it, you must contact your Regulator (FAMS) for more information. Your Regulator will be:

Stacey Rosborough
Telephone: (845) 708-2400
E-mail: Stacey.Rosborough@ocfs.ny.gov
Fax: ( ) -
Address:
117 East Stevens Avenue
Valhalla, NY 10595

Do not reply to this email, click here to be redirected to the FAMS landing page.

RECEIVED
DEC 09 2022

Documentation/Information	Status	Comments
Personal Information - Kedisha S. Wray, Director		upload new Director. Shana-Kay Dennis
• Certificates - Director	Not Received	
• Child Care Experience - Director	Not Received	
• Child Care Supervisory Experience - Director	Not Received	
• Criminal Conviction Statement - Director	Under Review	
• Diploma, Degree, or Transcript - Director	Under Review	
• Medical Statement - Director	Not Received	
• Plan of Study Commitment for Director of Child Day Care Center	Under Review	
• References - Director	Under Review	
• Relevant Training - Director	Not Received	
• SCR Result Letter - Director	Under Review	
• SEL Result Email - Director	Not Received	
• Statewide Central Registry Database Check - Director	Under Review	
Personal Information - Shana-Kay M. Dennis, Employee		
• Criminal Conviction Statement	Complete	
• Criminal History Review	Complete	
• Fingerprints	Complete	
• Justice Center Database Check	Not Received	
• SCR Clearance	Not Received	
Personal Information - Tanisha N. Clarke, Employee		
• Criminal Conviction Statement	Incomplete	
• Criminal History Review	Incomplete	
• Fingerprints	Complete	
• Justice Center Database Check	Not Received	
• SCR Clearance	Not Received	
Business Information		
• Board Members	Complete	
• Filing Receipt	Under Review	not acceptable.
• Formation Papers	Under Review	
Required Documents		
• Applicant Compliance Agreement	Complete	
• Certificate of Liability Insurance	Complete	
• Certificate of Occupancy (Local)	~~Complete~~	upload
• Child Supervision Policy	Under Review	
• Electronic - Background Review	Complete	

November 23, 2022

Kedisha S. Wray
FAITH ACADEMY
110 SOUTH GRAND AVENUE
POUGHKEEPSIE, NY 12603

RE: 883483-DCC

County: Dutchess

Dear Kedisha Wray:

The attached information summarizes the status of each component of your application. Requirements with a status of Not Received have not been submitted as of the date of this letter. Documents with a status of Under Review have been submitted, but not yet evaluated. A status of Needs Review indicates that additional information or documentation must be submitted. Items with a status of Complete have been reviewed, but remain subject to supervisory evaluation as part of the licensing/registration process.
Please have all documetns uploaded into FAMS by December 23, 2022.

All required application documentation must be submitted to the Office within 90 days after the date of the first piece of documentation that was received or your application will be deemed to be withdrawn. **This means that all required documentation must be submitted to the Office by Jul 26, 2022 or your application will be deemed to be withdrawn.**

If you have any questions or are no longer interested in completing the application process, please call me at (914) 801-3243. Thank you in advance for your cooperation and interest in child care.

Sincerely,

Stacey Rosborough
Licensor

Enclosure(s)

Application Review Checklist
Revised 12/2018

THE CITY OF POUGHKEEPSIE
NEW YORK
PLANNING & ZONING

62 CIVIC CENTER PLAZA, 2ND FLOOR
POUGHKEEPSIE, NY 12601
Phone: (845) 451-4007 Fax: (845) 451-4006

FILE #
FEE: $300.00
CODE: SNIP
ID#

APPLICATION FOR SIGN PERMIT

(Type or print neatly. Illegible applications will be rejected. Faxed copies will not be accepted.)

ADDRESS: 75 North Water Street Mid hudson Discovery Museum
ZONING DISTRICT: WATER FRONT DISTRICT 19-3.34
APPLICANT'S NAME: GNS Sign Group
APPLICANT'S ADDRESS: 97 N. Clinton Street
Poughkeepsie, NY 12601 (zip code)
APPLICANT'S PHONE #: 845.471.4366
APPLICANT'S EMAIL: Jackie@gnsgroupltd.com
PROPERTY OWNER (If not applicant):
(If applicant is not the **property** owner, a letter of authorization from the owner **MUST** accompany this application.)

SIGN COMPANY AND CONTACT NAME: GNS Sign Group Jackie
SIGN COMPANY PHONE #: 845. 471. 4366
SIGN COMPANY EMAIL: Jackie@gnsgroupltd.com

SIGN INFORMATION

TYPE OF SIGN: ☐ Freestanding ☐ Interior/Window ☐ Marquee/Awning/Canopy
☐ Interior/Window ☐ Wall ☐ Projecting/Vertical Blade ☐ Three Dimensional Sign
☐ Changeable Copy ☐ Neon ☒ Other: monument (Specify)

BASIC DIMENSIONS: Total Square Feet: 771 sq Ft. Height: 104" Width/Length: 89"

ILLUMINATION: ☐ None ☐ Externally Illuminated ☒ Internally Illuminated ☐ Halo/Back-Lit

DESCRIPTION OF MATERIALS: fabricated illuminum with stencilcut push-thru Acrylic plate. Lexan faces. white LED's

APPLICANT'S CERTIFICATION: Applicant certifies that all information contained herein is accurate.

Applicant's signature — Date: 9.7.2022

FOR OFFICE USE ONLY

Planning Department Action: ☐ Approved ☐ Denied pursuant to Section 19.4-9 _____
Planning Board approval required: ☐ Yes ☐ No

Conditions of Approval, if any: _____

Planning Director/Deputy Zoning Administrator — Date

ONE SIGN PER APPLICATION FORM
Revised July 2020: Previous Editions Obsolete

GNS
GROUP
97 N. CLINTON ST.
POUGHKEEPSIE, NY 12601
P 845.471.4366 F 845.471.0987

NOTICE of Owner's Consent

Date: September 8, 2022

Owner of Record: Mid-Hudson Children's Museum
Address: 75 North Water Street
Poughkeepsie, NY 12601

Phone: 845-471-0589

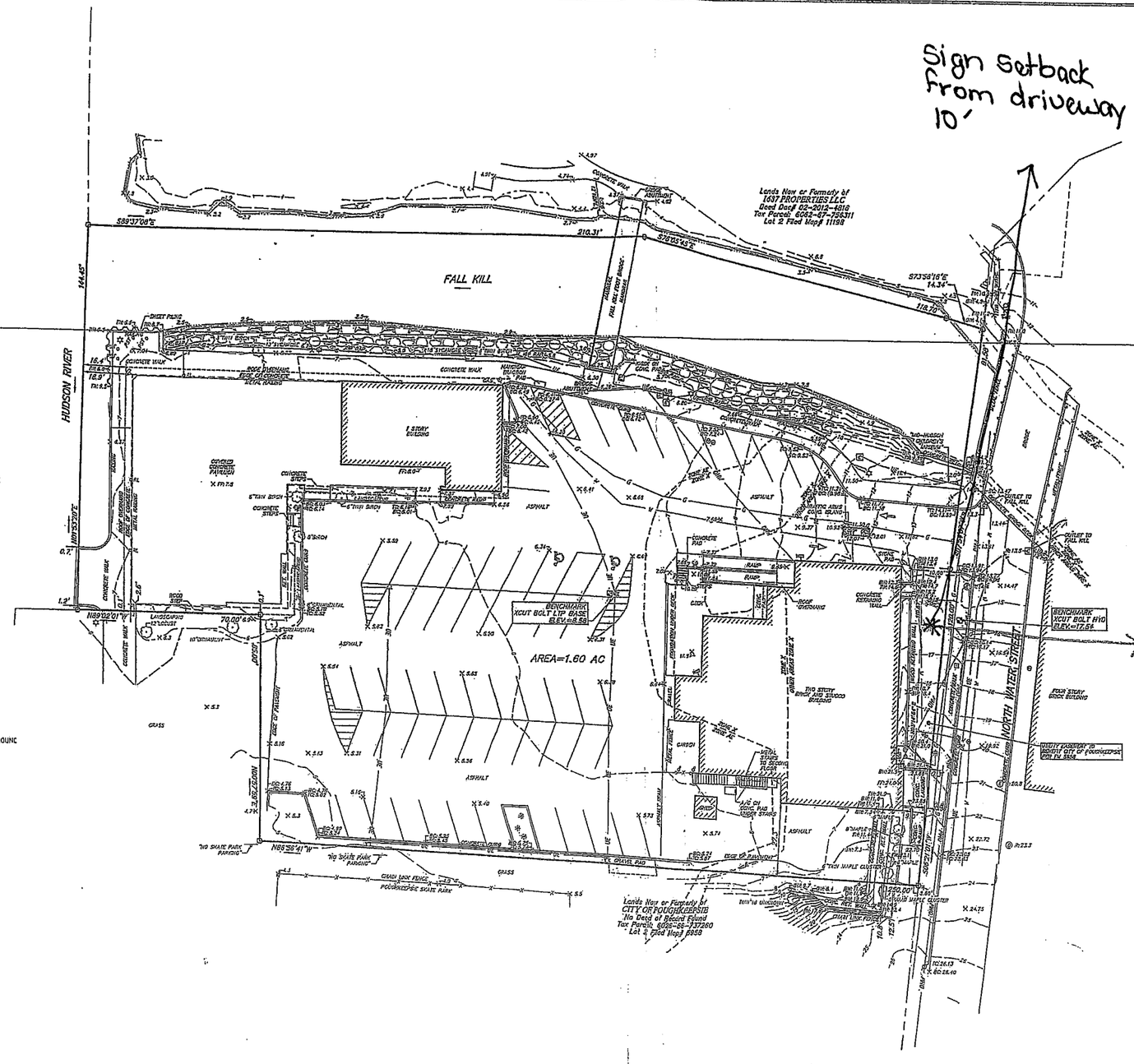
I (we) Jeffrey Sasson hereby give consent to the GNS Group, Ltd., Gloede Signs to act as my (our) agent with regard to this application.

Signed
Print Jeffrey Sasson
Title Executive Director
(must be notarized)

Jessica Deacon

JESSICA DEACON
Notary Public, State of New York
No. 01DE6334919
Qualified in Dutchess County
Commission Expires December 28, 2023

Sign setback from driveway 10'



Sign location 5'6" set back from Front Property line

LEGEND:

EXISTING CONDITIONS:

- PROPERTY LINE NO PHYSICAL BOUNDS
- ADJACENT PROPERTY LINE
- 110 — EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- ZONE AE / ZONE X — EXISTING APPROX. FEMA FLOOD LINE
- X 199.3 — EXISTING SPOT GRADE
- EXISTING BUILDING
- EXISTING BUILDING FOUNDATION
- CONC. CURB — EXISTING CURB/GUTTER
- EXISTING GUIDERAIL
- EXISTING FENCE
- EXISTING POND/LAKE
- OHU — EXISTING OVERHEAD WIRES
- W — EXISTING WATER LINE
- G — EXISTING GAS LINE
- UE — EXISTING UNDERGROUND ELECTRIC LINE
- 15"RCP ST — EXISTING UNDERGROUND STORM LINE

SYMBOLS:

- EXISTING SIGN
- EXISTING SIGN
- EXISTING BOLLARD
- EXISTING FENCE POST
- POST — EXISTING POST
- EXISTING DECIDUOUS TREE
- EXISTING SHRUB
- EXISTING BENCHMARK
- EXISTING CLEANOUT
- EXISTING DRAINAGE MANHOLE
- EXISTING CATCH BASIN LEADER
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC METER
- EXISTING ELECTRIC BOX
- EXISTING GUY WIRE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING PANEL/SWITCH BOX
- OHU02 — EXISTING CONDUIT TO/FROM UNDERGROUNC
- EXISTING CAMERA
- GAS — EXISTING GAS METER
- EXISTING GAS STRUCTURE
- EXISTING GAS VALVE
- EXISTING HYDRANT
- EXISTING WATER SHUT OFF VALVE
- EXISTING WATER VALVE
- X 80.20B.3 — EXISTING SPOT GRADE BOTTOM CURB
- X 82.20B.3 — EXISTING SPOT GRADE TOP CURB
- X 84e20B.3 — EXISTING SPOT BOTTOM WALL
- X 86.20B.3 — EXISTING SPOT TOP WALL
- X 87.20B.3 — EXISTING FINISHED FLOOR ELEVATION
- X R:216.3 — EXISTING RIM ELEVATION
- X I:200.3 — EXISTING INVERT ELEVATION

NOTES:

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THE LOCATION OF UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. IF ANY UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS EXIST OR ARE SHOWN, THE IMPROVEMENTS OR ENCROACHMENTS ARE NOT COVERED BY THIS CERTIFICATE.

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SURVEYED FROM RECORD DESCRIPTION AND AS IN POSSESSION.

HORIZONTAL DATUM AND NORTH ORIENTATION ARE BASED ON THE NYS PLANE COORDINATE SYSTEM (NAD83-NY EAST ZONE) UTILIZING GNSS OBSERVATIONS ON THE NYSDOT RTN NETWORK, NAV088, GEOID 18 AT THE TIME OF FIELD SURVEY SEPTEMBER 20, 2021.

VERTICAL CONTROL IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS DERIVED FROM ON SITE GNSS OBSERVATIONS ON THE NYSDOT RTN NETWORK, DATED SEPTEMBER 20, 2021.

TOPOGRAPHY SHOWN HEREON WAS COMPILED FROM A FIELD SURVEY COMPLETED SEPTEMBER 21, 2021 BY CHAZEN ENGINEERING, LAND SURVEYING, LANDSCAPE ARCHITECTURE & GEOLOGY CO., D.P.C. DATUM NAVD-88, 1 FOOT CONTOUR INTERVAL.

UNDERGROUND UTILITIES SHOWN HEREON ARE THE RESULT OF AN UNDERGROUND UTILITY DESIGNATION COMPLETED BY THE CHAZEN COMPANIES ON SEPTEMBER 2021, AND FROM DATA OBTAINED FROM RECORD MAPS AND DRAWINGS. CHAZEN'S UTILITY DESIGNATION WAS COMPLETED IN ACCORDANCE WITH THE STANDARD PROCEDURES SET FORTH IN ASCE 38-02. ALL ABOVE GROUND STRUCTURES, SURFACE FEATURES AND THE LOCATION OF THE MARK OUT ARE THE RESULT OF AN INSTRUMENT SURVEY COMPLETED BY CHAZEN UNLESS OTHERWISE NOTED. THERE MAY BE OTHER UNDERGROUND UTILITIES THE EXISTENCE OF WHICH ARE NOT KNOW OR CERTIFIED BY THE UNDERSIGNED. THE SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES AND DIG SAFELY NEW YORK MUST BE NOTIFIED PRIOR TO CONDUCTING TEST BORINGS, EXCAVATION OR CONSTRUCTION.

THE CONTRACTOR SHALL COMPLY WITH NEW YORK STATE INDUSTRIAL CODE RULE 753 – 48 HOURS PRIOR TO DIGGING CALL DIGSAFELY NEW YORK 1-800-962-7962 TO HAVE PUBLIC UTILITY LOCATIONS PAINTED.

FILED MAP REFERENCE:

REFERENCE IS HEREBY MADE TO A CERTAIN MAP ENTITLED "SUBDIVISION PLAT OF A PORTION OF LANDS OF CITY OF POUGHKEEPSE" AND FILED IN THE DUTCHESS COUNTY CLERK'S OFFICE ON 10/08/1980 AS FILED MAP NO. 5958.

DEED REFERENCE:

CITY OF POUGHKEEPSIE INDUSTRIAL DEVELOPMENT AGENCY TO THE MID-HUDSON CHILDREN'S MUSEUM, DATED 12/23/2010 IN DEED DOC# 02-2010-6110.

TAX PARCEL DESIGNATION:

CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK
6062-66-738231

FLOOD ZONE NOTE:

PARCEL IS SHOWN TO LIE WITHIN FLOOD ZONE AE, BASE FLOOD ELEVATIONS DETERMINED, FLOOD ZONE X, AREAS OF 0.2% ANNUAL CHANCE FLOOD, AND ZONE X "OTHER AREAS", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM) FOR THE CITY OF POUGHKEEPSIE, IDENTIFIED AS MAP NUMBER 36027C0364E BEARING AN EFFECTIVE DATE OF MAY 2, 2012.

SCALE IN FEET 1"=20'
20 0 20
ORIGINAL SCALE IN INCHES 0 1 2 3

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I HEREBY CERTIFY THAT THIS SURVEY MAP IS BASED ON AN ACTUAL FIELD SURVEY COMPLETED SEPTEMBER 24, 2021 AND THAT THIS SURVEY MAP WAS MADE BY ME OR UNDER MY SUPERVISION AND CONFORMS WITH THE MINIMUM STANDARD OF PRACTICE ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.

STATE OF NEW YORK — DAVID H. DIPIETRO — 050711 — LICENSED LAND SURVEYOR
DAVID H. DIPIETRO, PLS
LIC. #050711

CHAZEN ENGINEERING, LAND SURVEYING, LANDSCAPE ARCHITECTURE & GEOLOGY CO., D.P.C.
THE Chazen COMPANIES
Principals Are Registered Architects
www.chazencompanies.com
(845) 320-3013
Office Locations
- Glens Falls, NY
- Latham, NY
- Poughkeepsie, NY
- White Plains, NY
- New York City, NY

rev.	date	description

75 NORTH WATER STREET

MAP OF EXISTING CONDITIONS PREPARED FOR MID-HUDSON CHILDREN'S MUSEUM

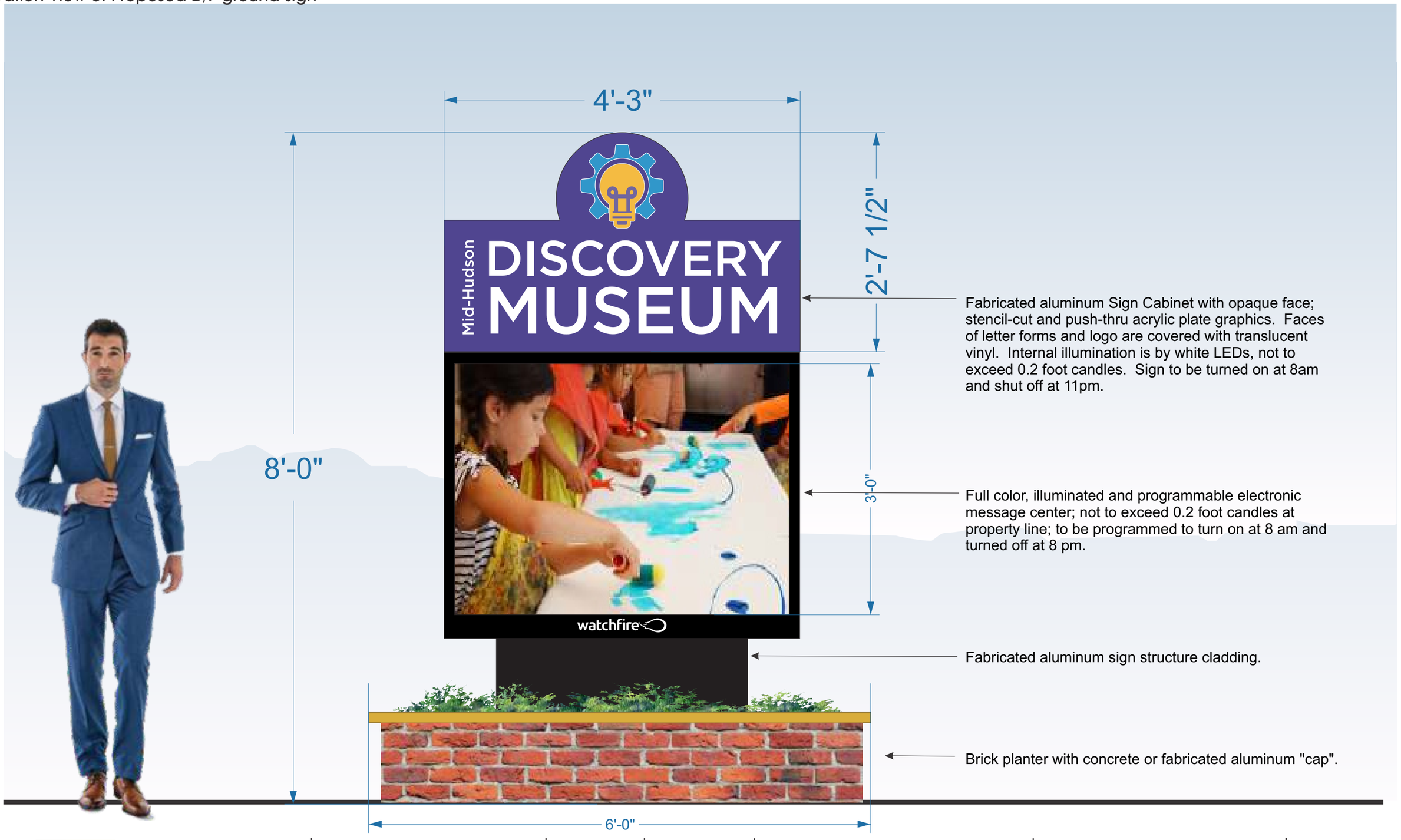
CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

designed	checked
JWH	DHD
date	scale
09/29/21	1"=20'
project no.	
42151.00	
sheet no.	
SV1	

Drawing Name: Z:\projects\42000-42999\42151_00-MidHudsonChildrensMuseum\SVY\dwg\SV-SVY_42151-00_EXISTING.dwg
Xref's Attached: XBASE-SVY_42151-00
Date Plotted: Oct 04, 2021, 8:49am

7096

Elevation View of Proposed D/F ground sign



GNS GROUP
97 North Clinton Street
Poughkeepsie, NY 12601
845-471-4366 - phone
845-471-0987 - fax
www.gnsgroupltd.com

Client/Project location:
Mid-Hudson Children's Museum
75 North Water Street
Poughkeepsie, NY 12601

File Name:
Freestanding SIgn, Water St rvsd post PB review.cdr

Date:
12/6/2022
1/3/2023

Scale:
3/4"=1'-0"

Client Approval: _____

Date: _____

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Underwriters Laboratories Inc.

Sheet:
G.1

Fabricated aluminum Sign Cabinet with opaque face; stencil-cut and push-thru acrylic plate graphics. Faces of letter forms and logo are covered with translucent vinyl. Internal illumination is by white LEDs, not to exceed 0.2 foot candles. Sign to be turned on at 8am and shut off at 11pm.

Full color, illuminated and programmable electronic message center; not to exceed 0.2 foot candles at property line; to be programmed to turn on at 8 am and turned off at 8 pm.

Fabricated aluminum sign structure cladding.

Brick planter with concrete or fabricated aluminum "cap".

GNS GROUP
97 North Clinton Street
Poughkeepsie, NY 12601
845-471-4366 - phone
845-471-0987 - fax
www.gnsgroupltd.com

Client/Project location:
Mid-Hudson Children's Museum
75 North Water Street
Poughkeepsie, NY 12601

File Name:
Freestanding SIgn, Water St rvsd post PB review.cdr

Date:
12/6/2022
1/3/2023
Scale:
3/4"=1'-0"

Client Approval: _____

Date: _____

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Sheet:
G.1N

Fabricated aluminum Sign Cabinet with opaque face; stencil-cut and push-thru acrylic plate graphics. Faces of letter forms and logo are covered with translucent vinyl. Internal illumination is by white LEDs, not to exceed 0.2 foot candles. Sign to be turned on at 8am and shut off at 11pm.

Full color, illuminated and programmable electronic message center; not to exceed 0.2 foot candles at property line; to be programmed to turn on at 8 am and turned off at 8 pm.

Fabricated aluminum sign structure cladding.

Brick planter with concrete or fabricated aluminum "cap".

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75 North Water Street
Poughkeepsie, NY 12601

File Name:
Freestanding SIgn, Water St rvsd post PB review.cdr

Date:
12/6/2022
1/3/2023

Scale:
3/4"=1'-0"

Client Approval: _____

Date: _____

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Underwriters Laboratories Inc.

Sheet:
G.1N2

92'
(Linear Ft of Building front)

Elevation View of Proposed D/F ground sign

GNS GROUP
97 North Clinton Street
Poughkeepsie, NY 12601
845-471-4366 - phone
845-471-0987 - fax
www.gnsgroupltd.com

Client/Project location:
Mid-Hudson Children's Museum
75 North Water Street
Poughkeepsie, NY 12601

File Name:

Date:
8.24.22
12/19/2022
1/3/2023

Client Approval: _____

Date: _____

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Underwriters Laboratories Inc.

Sheet:
G.1S

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information

Mid Hudson Discovery Museum

Name of Action or Project:

75 N Water St. Poughkeepsie, NY 12601

Project Location (describe, and attach a location map):

Front of Museum / Freestanding sign

Brief Description of Proposed Action:

Installation of a double sided internally illuminated freestanding monument sign with an electronic reader board

Name of Applicant or Sponsor:	Telephone: 845-471-4366
GNS Group, Ltd.	E-Mail: nforrest@gnsgroupltd.com
Address: 97 N Clinton St.	
City/PO: Poughkeepsie, NY	State: NY / Zip Code: 12601

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☐	☒
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval:	☒	☐

3. a. Total acreage of the site of the proposed action? 9 acres
   b. Total acreage to be physically disturbed? 0 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 0 acres

4. Check all land uses that occur on, are adjoining or near the proposed action:

☒ Urban ☐ Rural (non-agriculture) ☒ Industrial ☒ Commercial ☐ Residential (suburban)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other(Specify):
☐ Parkland

	NO	YES	N/A
5. Is the proposed action,			
a. A permitted use under the zoning regulations?	☐	☒	☐
b. Consistent with the adopted comprehensive plan?	☐	☒	☐

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☐	☒

	NO	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		
If Yes, identify: _____	☒	☐

	NO	YES
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☒	☐
b. Are public transportation services available at or near the site of the proposed action?	☐	☒
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	☐	☒

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements?		
If the proposed action will exceed requirements, describe design features and technologies:	☐	☒

	NO	YES
10. Will the proposed action connect to an existing public/private water supply?		
If No, describe method for providing potable water: _____	☒	☐

	NO	YES
11. Will the proposed action connect to existing wastewater utilities?		
If No, describe method for providing wastewater treatment: _____	☒	☐

	NO	YES
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	☒	☐
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	☒	☐

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☒	☐
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	☒	☐
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____		

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional

☐ Wetland ☒ Urban ☐ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	☒	☐
16. Is the project site located in the 100-year flood plan?	☒	☐
17. Will the proposed action create storm water discharge, either from point or non-point sources?	☒	☐
If Yes,		
a. Will storm water discharges flow to adjacent properties?	☐	☐
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	☐	☐
If Yes, briefly describe: _____		
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)?	☒	☐
If Yes, explain the purpose and size of the impoundment: _____		
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?	☒	☐
If Yes, describe: _____		
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	☒	☐
If Yes, describe: _____		

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor/name: Nancy Forrest Date: 10/11/22

Signature: Nancy Forrest Title: Contractor

PRINT FORM

THE CITY OF POUGHKEEPSIE
NEW YORK
DEVELOPMENT DEPARTMENT
62 CIVIC CENTER PLAZA, 2ND FLOOR
POUGHKEEPSIE, NY 12601
Phone: (845) 451-4010 Fax: (845) 451-4006

MEMORANDUM

To: GNS Sign Group, Applicant

From Natalie Quinn, Development Director

Date: October 24, 2022

Re: 75 Water Street - Sign - SEQR Classification

Upon review of project materials provided by the applicant, including Short EAF Part 1 and sign application form, it is my understanding that the proposed action to be undertaken includes installation of a double-sided, internally-illuminated electronic message display sign at 75 Water Street.

Based on the above description it is the determination of the planning division staff that **the proposed action is classified as an Unlisted Action** with regards to SEQRA, and therefore is subject to an uncoordinated or coordinated (optional) environmental review. This determination was made due to the fact that the proposed action was not expressly listed in 6 NYCRR Section 617.4 (Type I Actions) or 617.5 (Type II Actions).

watchfire
Time-O-Matic

Conformance of Watchfire Signs to OAAA/ISA Lighting Guidelines

The Outdoor Advertising Association of America (OAAA) and the International Sign Association (ISA) have published their recommendations for brightness standards for outdoor LED signs. Watchfire has validated that all Watchfire LED displays can comply with these guidelines.

The guidelines highlight the importance of ensuring appropriate brightness settings to promote energy conservation, community goodwill and extend the life expectancy of the display.

All Watchfire signs incorporate a sunrise/sunset calculation algorithm that uses the sign's latitude and longitude coordinates to correctly dim the sign at dusk and brighten it at dawn in several steps. An additional photocell option is available that will also allow the sign to dim in response to severe overcast weather during the day.

LED sign brightness is usually specified in NITs or candelas per square meter. The instruments for measuring NITs are expensive and not commonly available to sign companies or communities. The new guidelines offer a means to specify the sign brightness using a foot-candle meter, which is relatively inexpensive and more readily available.

Watchfire signs ship with the night brightness settings between 300-750 NITs depending on model. The day maximum brightness is between 7,500 and 10,000 NITs depending on model. During normal operation an average of 30-40% of the pixels are on, so normal brightness is less than half of the maximum on average.

The brightness guidelines specify that signs will not be more than 0.3 foot candles brighter than the ambient light levels at night at a specified distance. The distance depends on the size of the sign. Since the specification is relative to conditions, the brightness of the surrounding area is taken into consideration.

In most cases, the default settings on Watchfire signs meet these guidelines. Areas with little or no ambient lighting may require additional manual dimming. This is a simple setting that can be made at the factory or in the field to any new or old Watchfire sign. The brightness settings are password-protected. The user cannot change the setting without assistance from Watchfire's Service and Support Department.

The default day settings of Watchfire signs also fall under the guidelines which indicate that 7,500-10,000 NITs is needed to overcome the full sunlight. Watchfire models that ship with higher day settings can be adjusted down if necessary.

The detailed specification and measurement method may be downloaded from ISA's website at www.signs.org.

Copy and Subm Lori

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watchfire
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Compliance Information

FCC Class A Compliance

All equipment in use by Watchfire has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference in which case the user will be required to correct the interference at the user's own expense.

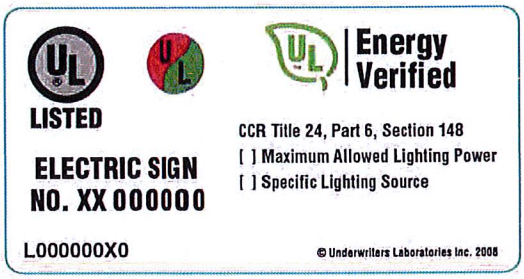
Changes or modifications not expressly approved by Watchfire could void the user's authority to operate the equipment.

National Electric Code

Watchfire signs are intended to be installed in accordance with the requirements of the National Electrical Code, NFPA 70, and any other applicable local codes. This includes proper grounding and bonding of the sign.

UL / CUL Compliance

Underwriters Laboratories (UL) certification is for manufacturers of electric signs built in accordance with the National Electric Code, NFPA 70. UL signs require pre-testing by UL before being allowed to use the UL mark. All Watchfire LED signs and digital billboards have been UL48 tested and approved.
Price Watcher™ gas price signs have been UL879 and UL879A tested and approved.



UL Energy Efficiency Certification

By marking our signs with the UL energy verified label (also referred to as the UL green leaf label), Watchfire verifies that its LED signs and digital billboards meet the California Energy Commission (CEC) 2008 building Energy Efficiency Standards Title 24, Part 6, and Section 148 of the California Code of Regulation.

Watchfire products meet option B of the standard, the specific lighting approach. The signs use 100% LEDs for lighting. The LEDs are powered by a power supply that is at least 80% efficient. Efficiency is defined as the ratio of output wattage to input wattage at 100% load.

On Premise Quote

watchfire

QUOTE NUMBER: 2216143.2 (Revision 2) DATE: 8/15/2022

SIGN ID: 1680877 w6-S

Gloede Neon Signs Ltd 1718600
Grace Ruseskas,
97 N Clinton St
Poughkeepsie, NY 12601-2032
(845) 471-4366
gruseskas@gnsgroupltd.com

Shipping Destination
Gloede Neon Signs Ltd
97 N Clinton St
Poughkeepsie, NY 12601-2032

Job Site
Name: Children's Discovery Museum - Poughkeepsie
Address:
City:
State: Zip:

PRODUCT SPECIFICATIONS

Pixel Pitch:	W6mm LED RGB
Pixel Matrix:	96 X 288
Ventilation Style:	Front Ventilation
Cabinet Size:	29in H x 6ft 3in L x 5in D
Viewing Area:	24in H x 6ft L
Cabinet Style:	Double Face (Slim)
Character Size:	10 lines / 57.6 Characters at a 2" type
Approx. Weight:	396.00 Lbs.
Warranty:	Standard 5 Year Watchfire warranty applies.
Mfg. Lead Time:	8-10 weeks (after this document is signed & returned and receipt of down payment).
Electrical Service:	120 VOLT 18.0 amps (9.00 per face) Single Phase Service. Refer to the Installation manual for details on wiring. Based on 18 hours of operation a day, plus or minus 10% depending on how the sign is programmed. *Example: 11.2 KWHrs a day x $0.07 = $0.78/Day*

STANDARD FEATURES

Brightness	Daytime 7500 NITs Maximum;Nighttime 700 NITs Maximum
Color	LED RGB
Color Capability	Min. 1.2 Quintillion
Includes	Ignite Graphics Software
Video	up to 30 FPS
Viewing Angles	150 Horizontal/95 Vertical

OPTIONS

Software	Ignite OP (PC-based)
Software Training	Web Based Software Training
Communications	4G Wireless with Watchfire Cellular Data Plan
Wireless Data Plan	Life-of-sign Data Plan
Cabinet Separation	Standard Up To 15 Feet
Power Requirements	Standard As Quoted
Temperature Sensor	w/100-Step Photocell w/15 ft Cable
Sign Mounting Kit	Not Ordered / Not Required
Warranty	Standard 5-Year Parts Warranty
Technician On-Site	Not Ordered

NOTES

****** Special Competitive Pricing******

ORDER ACCEPTANCE

QUOTE VALID UNTIL 9/29/2022

System Price: 6mm Highbrightness Color LED Message Center - Front Ventilation

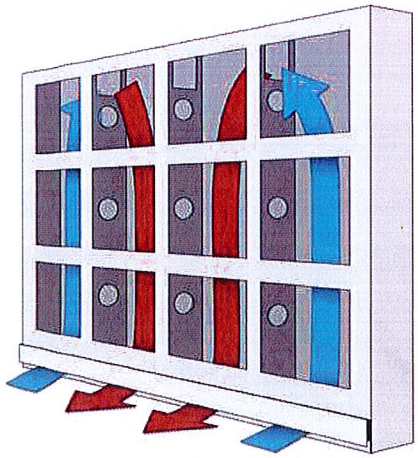
System Price	**$14,859.00 USD**
Crating & Shipping *To Poughkeepsie,NY via Common LTL Carrier*	**Add: 713.00 USD**
Grand Total:	**$15,572.00 USD**

To order Sign ID 1680877, sign here and return with down payment

Signature:_____ Date:_____

Buyer acknowledges that prior to executing this Agreement Buyer has read or has had the opportunity and means to review the TERMS OF SALE and Seller's LIMITED WARRANTY, SOFTWARE LICENSE, AND LIMITATION OF LIABILITIES AND REMEDIES at http://watchfiresigns.com/terms-and-conditions-of-sale or in the alternative, a hard copy has been provided to Buyer and its receipt is acknowledged.
This quote/offer is expressly limited to the acceptance by the buyer of its exact terms, including the terms of sale and seller's limited warranty, software license, and limitation of liabilities and remedies, all of which are a part of the agreement. Any purchase order or related documents buyer issues to seller (even if it contains terms in addition to or inconsistent with the terms of this agreement) for this transaction shall constitute buyer's unconditional agreement to be bound exclusively by the seller's terms and conditions of this agreement, and buyer hereby agrees that such additional or inconsistent terms shall not apply nor become a part of this agreement.

Watchfire cabinets are designed to minimize heat and provide durable protection from the elements. The rear side of our cabinet features mill-finish aluminum. Contact your Watchfire representative if a painted finish is required.



VENTILATION DESIGNS

Improperly ventilated signs risk overheating, which will affect the life and operation of the sign.

Front-vent Cabinets (Price Watcher Included)

Watchfire front-vent cabinets and Price Watcher models draw air in through vents on the lower edge of the cabinet. Patented multi-chamber cooling provides built-in fans to ensure brighter, longer lasting LEDs with no need for additional wiring or fan kits.

DO NOT BLOCK the air intake, exhaust or LED modules located on the front face with any part of the metal cabinet or coverings.

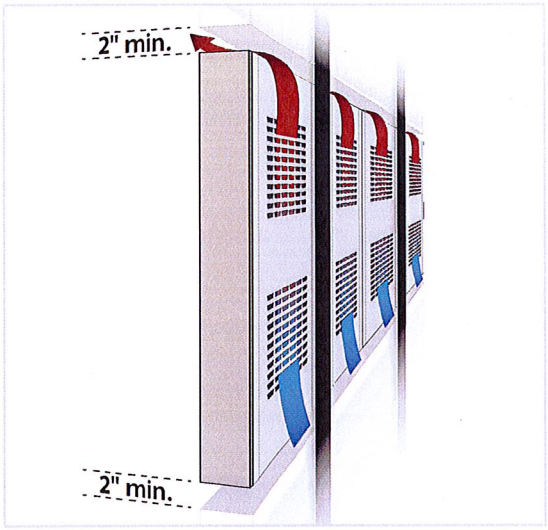
Rear-vent Cabinets

Watchfire rear-vent cabinets draw air in through a vent at the bottom of the cabinet's rear side, and use cooling fans located inside the top of the cabinet to draw cool air up.

Ventilation must be completely unobstructed by mesh or louvers. To conceal a gap, calculate the open air portion of the concealment material and (for each cabinet) allow 24 (or more) square inches of total air intake and 24 (or more) square inches of total air exhaust per foot of cabinet length.

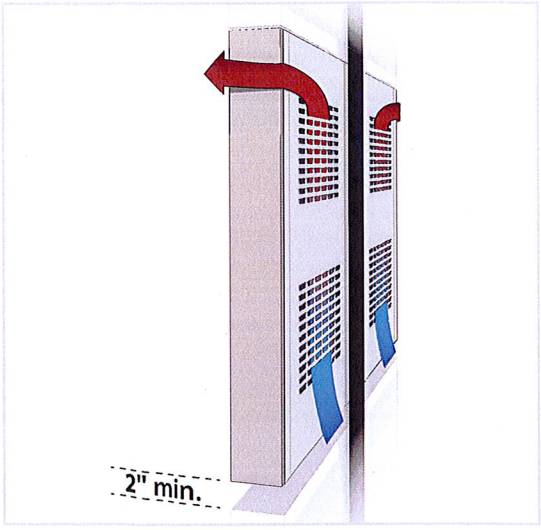
Optimal Ventilation

For signs 16' in length or longer OR signs with multiple pole installation – allow a minimum 2" gap above and below the LED cabinet. Although ends may be sealed, it is best to use a loose mesh material or leave area open to allow for maximum airflow.



Alternate Ventilation (Single Pole)

For signs up to 16' in length installed on a single pole – allow a minimum 2" gap below the LED cabinet for optimal ventilation. DO NOT SEAL ENDS if no gap exists above the cabinet.



DO NOT RESTRICT AIRFLOW on the cabinet's rear side. A minimum 2" gap per face behind each cabinet is necessary. For wall-mounted rear-vent cabinets, airflow must be unobstructed from top to bottom, in addition to leaving a minimum 3" gap between the sign and wall.

To: City of Poughkeepsie Planning Board

Re: Application for electronic sign for Mid Hudson Discovery Museum located

75 N Water St.

To Whom it May Concern;

As per the representative from Watchfire , manufacturer of the electronic sign, the following is confirmed.

The brightness of the sign can be reduced to 5,000 nits or less during daylight hours and 250 nits in the evening hours.

The Museum confirms that the display will not run more than 12 consecutive hours without change.

It is also confirmed that the sign will convert to a black screen when there is any type of malfunction.

Regards,

Nancy Forrest

Nancy Forrest

GNS Group , Ltd.

845-471-4366

APPLICATION TO THE PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK

Application for Site Plan, Special Permit & Facade Approval

OFFICE USE ONLY

CODE: PLSF

ID #_____

FEE: _____
Total, from:
$500, plus
$_____
($150 per 1000 square feet of floor area), plus
$_____
($35 per number of required parking spaces), plus
$_____
($500 for special permit, if applicable)

I. **PROPERTY ADDRESS:** 20-72 Vassar Farm Lane, Poughkeepsie, NY

II. **PROPERTY OWNER:** Vassar College
ADDRESS: 124 Raymond Avenue
Poughkeepsie
NY, 12604 (state and zip code)
PHONE NUMBER: 845-437-7000 (include area code)

III. **NAME OF APPLICANT:** Vassar College
ADDRESS: 124 Raymond Avenue
Poughkeepsie
NY, 12604 (state and zip code)
PHONE NUMBER: 845-437-7000 (include area code)
EMAIL ADDRESS: begemann@vassar.edu

(If applicant is NOT the owner, proof of owner's consent to the application MUST be provided.)

IV. **CONSULTANT:** LRC Engineering & Surveying, DPC
ADDRESS: 85 Civic Center Plaza, Suite 204
Poughkeepsie
NY, 12601 (state and zip code)
PHONE NUMBER: 845-243-2880 (include area code)

V. **PROPOSED USE or FAÇADE CHANGE** (Summarize proposed use or uses): Proposed permeable pavement parking lot.

VI. **ZONING DISTRICT:** R-D

(Proceed to XVII for special permit & façade approval only)

PROJECT INFORMATION

New construction: _____(yes)__X__ (no)

Change of use:_____ (yes) __X__ (no)

Expansion/addition:_____ (yes) __X__ (no)

Alteration:__X__ (yes) _____ (no)

Cost of Construction: $__TBD__

LOT AND BULK INFORMATION:

Lot area: __228.4__ (acres) __9,949,104__ (square feet)

Building Footprint: __N/A__ (proposed square feet for new construction)

__N/A__ (existing square feet for change of use/expansion)

__N/A__ (additional proposed square feet for expansion)

__N/A__ (total building footprint, square feet)

Lot Coverage: __N/A__ (percentage, building coverage only)

Gross Floor Area: __N/A__ (proposed square feet for new construction)

__N/A__ (existing square feet for change of use/expansion)

__N/A__ (additional proposed square feet for expansion)

__N/A__ (total gross floor area, square feet)

Building Height: __N/A__ (stories) __N/A__ (feet)

Floor Area Ratio: __N/A__ (ratio of gross floor area divided by lot area)

VIII. PROJECT PARKING INFORMATION

A) Number of Off-Street Parking Spaces required: __N/A__

B) Number of Off-Street Parking Spaces provided: __40__

C) Waiver Requested: _____ (Yes) __X__ (No)

Is municipal parking available within 600 feet? _____ (Yes) __X__ (No)

If yes, name all such municipal facilities: _____

_____

_____

(If a waiver is requested based on proximity to municipal facilities, a written request for such waiver, addressed to the City Planning Staff and the Chairman of the Planning Board, must be submitted with the application.)

If a private parking facility is to be utilized, is such facility within 600 feet?

X (Yes) _____ (No)

If yes, provide the address of the facility, name of the property owner, number of spaces in the lot, number of spaces available for lease, and length of lease. Attach copy of lease. Additional information may be required by the Planning Board): Vassar College parking lot

_____

_____

_____

IX. RESIDENTIAL PROPOSALS

A) Type of Development: _____
(Townhouse, condominium, multiple residence rental, etc.)

B) Unit Breakdown:

Number of efficiency or "studio" units: _____

Number of one (1) bedroom units: _____

Number of two (2) bedroom unit's _____

Number with three or more bedrooms: _____

Total number of units: _____

C) Is funding public? ____ Yes ____ No

If yes, describe funding source: _____

X. OFFICE PROPOSALS (____ Medical/Dental ____ Professional ____ Business)

A) Number of Employees: _____

B) Number of doctors/dentists/medical practitioners: _____

C) Days/Hours of Operation: _____

XI. SERVICE BUSINESS PROPOSALS

A) Specify Business: _____
(e.g., laundromat, drycleaner, beauty parlor, travel agency, banks)

B) Number of Employees: _____

C) Number of Washing Machines (for laundromat): _____

D) Days/Hours of Operation: _____

XII. MERCANTILE PROPOSALS (Retail _____ Wholesale _____)

A) Type of Mercantile (specify): _____

B) Number of Employees: _____

C) Days/Hours of Operation: _____

XIII. STANDARD RESTAURANT/FAST FOOD RESTAURANT/COFFEE SHOP/DONUT SHOP/NIGHTCLUB/DISCOTHEQUE/BAR PROPOSALS

A) Specify Use: _____

B) Number of seats (excluding bar stools and outdoor seating):_____

C) Meals served (i.e., breakfast, lunch, dinner): _____

D) Type of Menu: _____

E) Days/Hours of Operation: _____

F) Entertainment (live and/or recorded):_____

G) Will the restaurant contain a bar/lounge?: _____ Yes _____ No

H) If yes, how many seats at the bar? _____

I) Is a drive-through window proposed? _____

J) Is a walk-up window proposed? _____

K) Is an outdoor seating area proposed? _____

L) If yes, how many seats are proposed? _____

M) If yes, is outdoor cooking proposed? _____

XIV. INDUSTRIAL/COMMERCIAL PROPOSALS (Automobile repair, taxi, motor vehicle sales, warehouse, manufacturing, animal hospital, research facilities, etc.)

A) Specify Use: _____

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

E) Number of work bays (if automobile repair): _____

F) Days/Hours of operation: _____

XV. EDUCATIONAL/INSTITUTIONAL/RECREATIONAL PROPOSALS (e.g., Museums, Theatres, Conference Centers, Hotels, Motels, Hospitals, Nursing Homes, Assisted Living Facilities, Nursery Schools, Private Schools, Day Care Centers, Places of Worship, Marinas, Membership Clubs, etc.)

A) Specify: Permeable Parking lot for Farm Preserve

B) Number of shifts (if any): N/A

C) Number of employees: N/A
(If shifts are proposed, list number of employees per shift)

D) Number of beds (hospitals, nursing homes, etc): N/A

E) Number of seats in largest assembly space: N/A

F) Number of classrooms (schools): N/A

G) Number of rental units (hotels, motels, etc.) N/A

H) Number of boat slips/courts (e.g., tennis, handball, etc.), alleys: N/A

I) Days/Hours of Operation: _____

XVI. PROPOSALS NOT MENTIONED ABOVE (Please be specific):

Vassar College proposes a permeable parking lot for the Gateway Farm Preserve Preserve, the project will reduce vehicle traffic to the interior of the Preserve and create a more pedestrian friendly environment.

XVII. APPLICANT CERTIFICATION

I, Marianne Begemann, certify that the this application has addressed the objectives outlined in the Zoning Ordinance with consideration given to the public health, safety and welfare; the comfort and convenience of the public in general or the residents or users of the proposed development and of the immediate neighborhood.

The applicant certifies that all information contained herein is accurate and complete as of the date of this application.

Marianne Begemann — 10-21-22

Signature of Applicant — Date

January 3, 2023

City of Poughkeepsie Planning Department
62 Civic Center Plaza
Poughkeepsie, NY 12603

Re: ZR22-237, Vassar Farm Lane Gateway – Site Plan
Lot: 910090, Vassar Farm Lane and NY Route 376

Dear Members of the Planning Board:

Please accept this letter and accompanying copies of the plan set and documents as our resubmission for the above referenced project.

Please find below our summary of responses to the Comments received from The County of Dutchess Department of Planning and Development in a letter dated December 7, 2022:

1. On the SEAF, the applicant states that the purpose of this project is to "reduce vehicle traffic to the interior of the preserve and create a more pedestrian friendly environment." It is unclear why parking isn't provided closer to the multiple destinations that visitors are likely to access, such as the CSA barn and fields, the Environment Cooperative building, and the open field that host sports. The project does not include any improvements to the pedestrian experience between the proposed parking lot and these destinations; for example, the crosswalk from the new lot across Rombout House Lane does not connect to anything. Instead, this plan continues to require people to walk down a narrow roadway alongside moving vehicles, traversing downhill and uphill sections before arriving at the core activity area. The applicant may want to consider relocating the additional parking closer to the on-site destinations to improve access and safety for visitors. It is likely that people will first drive into the site to check for parking near their destination, and only backtrack to this overflow lot if they can't find parking closer in, thus increasing, rather than reducing, vehicle traffic into the site.

   LRC Response: ***The purpose of the project was stated as to "reduce vehicle traffic to the interior of the preserve and create a more pedestrian friendly environment" because the location of the proposed lot encourages visitors, who come to enjoy the scenery as they walk the farm or use the farm for recreational purposes, to park at the entrance and reduce the number of vehicles that drive through the farm on the paths pedestrians tend to walk. The location of the lot was chosen to provide access to the main walking trail "Swain Trail" located at the bottom of the walkway from the parking lot. In addition, the lot will serve as pick up location for the CSA produce pickup location.***

LRC Engineering & Surveying, D.P.C
LRC Engineering and Surveying, LLC
LRC Environmental Services, Inc.
Land Resource Consultants, Inc.

85 Civic Center Plaza, Suite 204
Poughkeepsie, New York 12601
Tel: (845) 243-2880
Fax: (845) 265-8175

Offices in New York, Connecticut and New Jersey
www.lrcconsult.com
Land Planning ♦ Civil Engineering ♦ Environmental Services ♦ Land Surveying ♦ Landscape Architecture

2. Regarding the proposed asphalt path, it is unclear why this path connects the parking lot with the intersection at Raymond Avenue. If the intention is for users of the Vassar Farm site to park here, then any new pedestrian path should improve access further into the site. If pedestrians are visiting Vassar Farm from the main campus or surrounding area, they would likely enter the site just west of Vassar Farm Lane and should remain on that side of the road rather than being required to cross the road and follow a somewhat meandering path past the overflow parking lot. In addition, a more environmentally friendly path material such as compacted stone dust or a permeable pavement, could be considered as an alternative to asphalt.

   LRC Response: ***The proposed path location was determined based on the future changes that the NYSDOT is proposing for the intersection of Hooker Avenue as well as the current conditions. The goal of the project was to create the feel of walking within the preserve right from the start of the property. This path would then carry you to the CSA pickup and to the base of the road and continue either over the existing pathway by the pond or through the main walking paths starting at Swain trail. In addition, if you were walking along side the road to the Swain Trail the path is approximately ~750 LF, the proposed pathway that brings you away from traffic pattern off the road is only ~825 LF. The difference is minor, and the experience of the walking path is much desirable to meet the experience of the property. The path surface was chosen so that path can be maintained in the winter to allow pedestrian access through all seasons.***

3. Portions of this project may conflict with the NYS Department of Transportation's planned roundabout for the intersection of Route 376, Hooker Avenue and Ramond Avenue. The roundabout project has received funding, design may already by underway, and it is slated for construction in 2024. The applicant should coordinate with the NYS DOT to ensure that this project will be compatible with the design for the roundabout, and that careful thought is given to how pedestrian connections at the intersection will interact with this property.

   LRC Response: ***The proposed design incorporates the future design of the NYSDOT roundabout and the reworked entrance proposed by the NYSDOT.***

4. If the parking lot remains as sited, we suggest:
   - Incorporating pedestrian infrastructure to improve access and safety for people walking between this parking lot and the interior of the site;

     LRC Response: ***Acknowledged see additional pathway to connect to the existing path to the farm as well as the trail network.***

   - Reconfiguring the northerly path to more safely and directly connect pedestrians from the north to the interior of the site;

     LRC Response: ***See previous response regarding pedestrian path.***

   - Including some larger tree rows around the north end of the parking lot to help screen it from the surrounding area, in keeping with the farm aesthetic of the parcel.

LRC Response: ***The current proposed landscaping consisting of a gentle berm and vegetation of that of a meadow was chosen to restore the existing meadow and subtly screen the parking lot from Route 376, Hooker Avenue.***

Comments received by the planning board in December, 2022.

1. Reconsider the design of the entrance and placement of the pedestrian path in relation to the vehicle entry to address comments submitted by Dutchess County Planning

   LRC Response: ***See responses above regarding path placement.***

2. It was suggested to extend the walking path from the parking lot into the internal preserve.

   LRC Response: ***comment Noted and path was extended to main trail head as well as existing crossing pathway to the interior of the farm.***

3. Provide a copy of the email with the NYS DOT regarding the intersection of Route 376 and Raymond Avenue

   LRC Response: ***The traffic consultant is currently working to obtain a conceptual letter from NYSDOT regarding the limited permit required for the connection to the existing crosswalk, as soon as obtained it will be provided to the board for review.***

We appreciate your efforts to review our revised plans and look forward to satisfying any outstanding concerns as soon as possible.

Thank you for your time and effort.

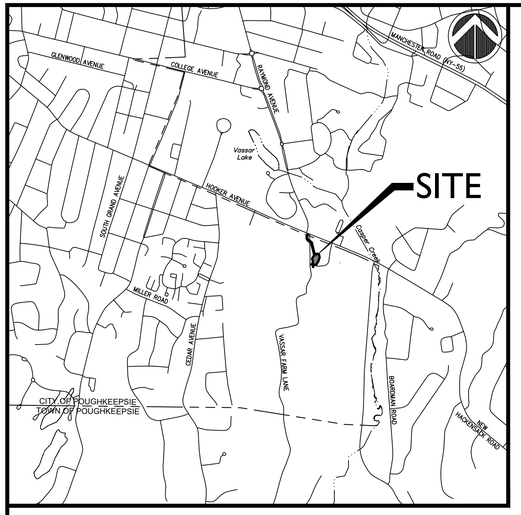
Sincerely,
The LRC Group

Ken Casamento, CPESC
Principal

VASSAR GATEWAY PROJECT

20-72 VASSAR FARM LANE
CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK STATE

REVISED: JANUARY 3, 2023

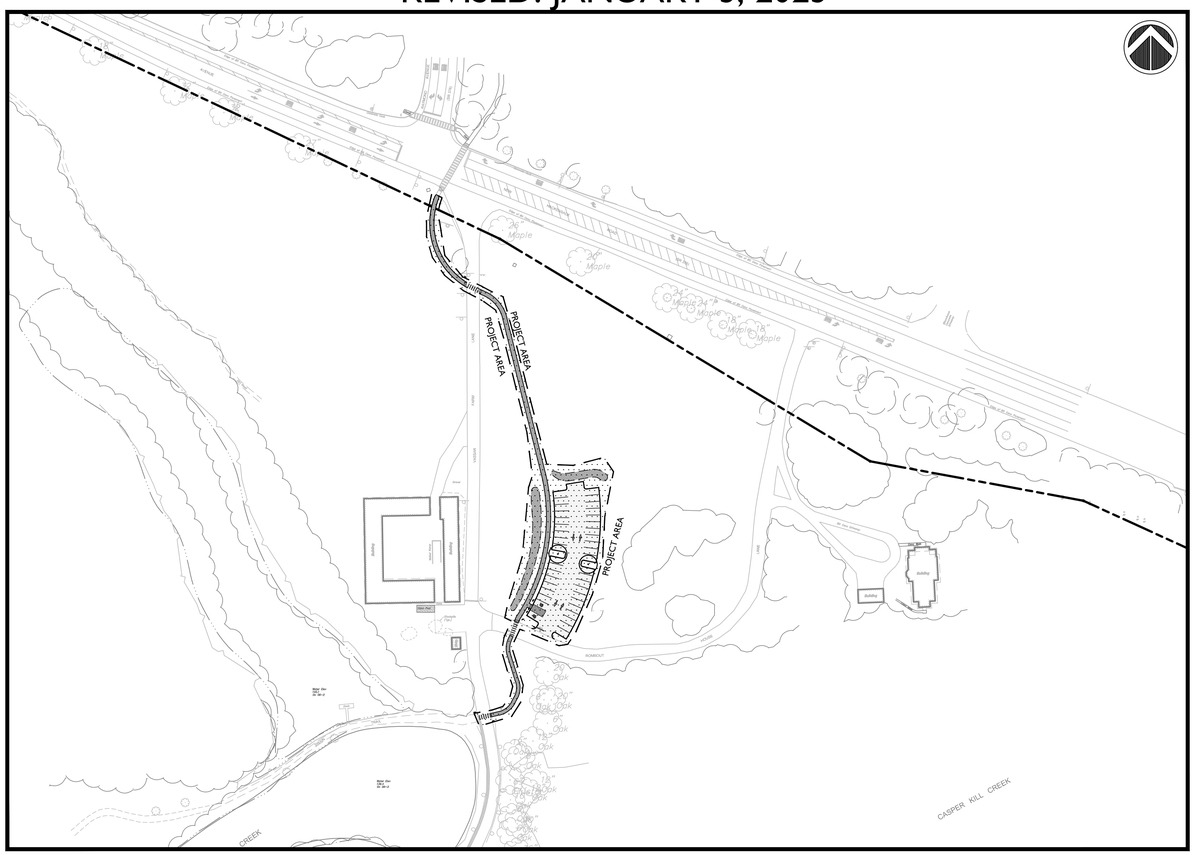


LOCATION MAP

SCALE: 1"=1,500'

VICINITY MAP

SCALE: 1"=200'



OVERALL SITE PLAN

SCALE: 1"=100'

INDEX OF DRAWINGS

CV-1 COVER SHEET
EX-1 EXISTING CONDITIONS
AO-1 OVERALL SITE PLAN
SP-1 SITE PLAN / LANDSCAPE PLAN
SG-1 SITE GRADING / DRAINAGE & EC PLAN
DN-1 PROJECT DETAILS
DN-2 PROJECT DETAILS

SITE PLANNER / CIVIL ENGINEER:

LRC GROUP

160 West Street, Suite E
Cromwell, CT 06416
Tel: 860.635.2877

85 Civic Center Plaza, Suite 204
Poughkeepsie NY 12601
Tel: 845.243.2880

1 International Blvd, Suite 400
Mahwah, NJ 07495
Tel: 908.603.5730

www.lrcconsult.com

- LAND PLANNING
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- LANDSCAPE ARCHITECTURE

LRC Engineering & Surveying, DPC
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LRC Environmental Services, Inc.

STATE OF NEW YORK
RODNEY E. MORRISON
074194
LICENSED PROFESSIONAL ENGINEER

Rodney Morrison P.E. #074194

OWNER / APPLICANT:

VASSAR COLLEGE
124 RAYMOND AVE
POUGHKEEPSIE, NY, 12601

FIRE CHIEF

POLICE CHIEF

BUILDING INSPECTOR

CITY ENGINEER

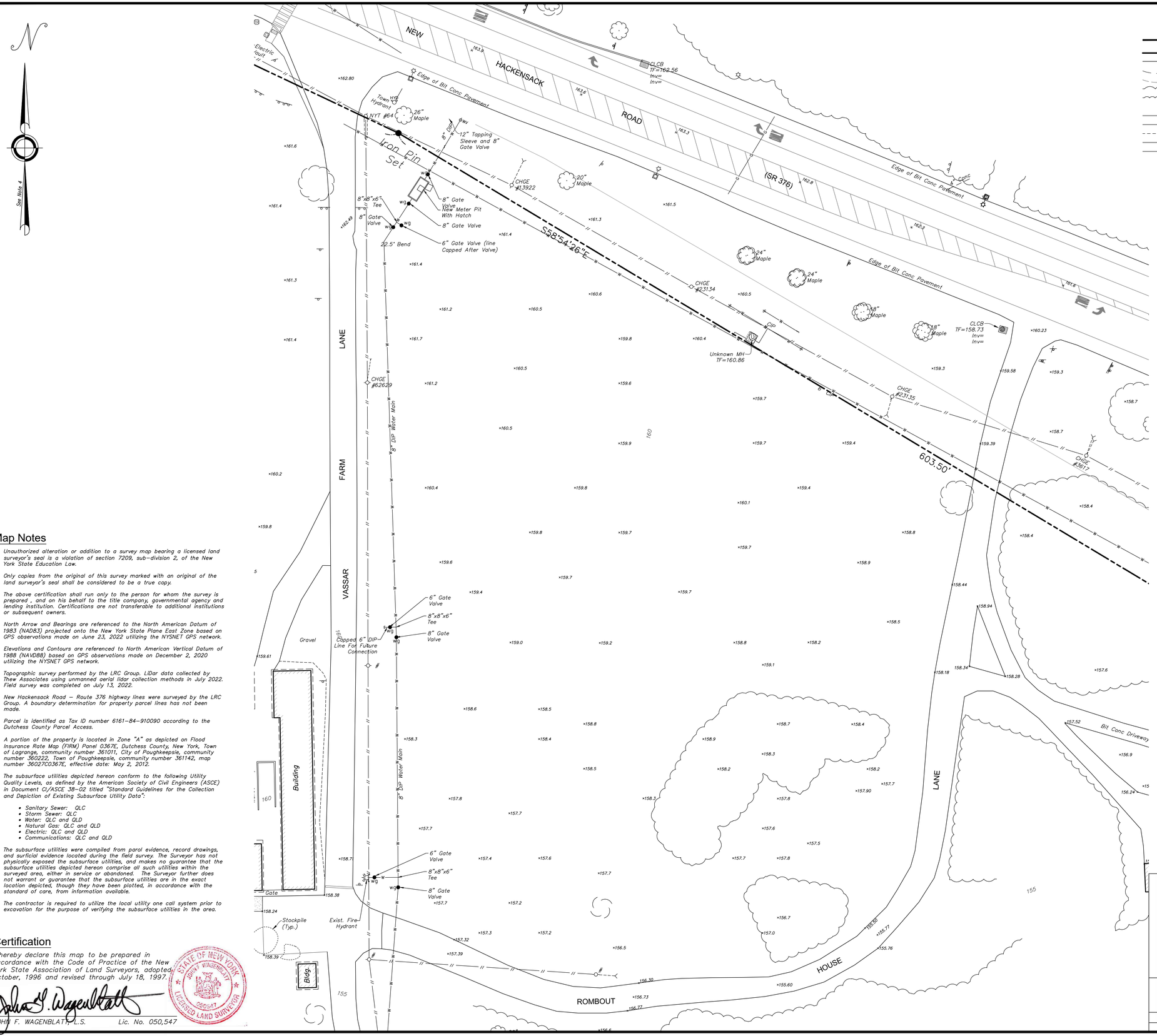
COMMISSIONER OF PUBLIC WORKS

CITY PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK
SITE PLAN APPROVAL
FILE NO:
PROJECT NAME:
PROJECT LOCATION:
APPLICANT:
OFFICIALLY APPROVED AT THE PLANNING BOARD
MEETING HELD THE _____ DAY OF _____ 2_____
PLANNING CHAIR:
DESIGNEE:
DATE SIGNED:
CONDITION(S)

REVISED: 2023-01-03
REVISED: 2022-12-06
ORIGINALLY SUBMITTED: 2022-10-25

CV-1

SHEET 1 OF 7



LEGEND

- Property Line
- Easement Line
- Index Contour
- Intermediate Contour
- Treeline
- Hedge/Shrub Line
- Detectable Warning Strip
- Gas Line
- Water Line (Vassar)–Domestic & Fire Protection
- Water Line (Vassar) Abandoned
- Water Line (Town)
- Overhead Wires
- Bituminous Concrete Surface
- Concrete Surface
- Gravel Surface
- Deciduous Tree
- Coniferous Tree
- Sign
- Water Valve (Vassar)
- Water Valve (Town)
- Hydrant (Vassar)
- Hydrant (Town)
- Curbless Catch Basin
- Utility Pole with Light
- Guy Wire
- Street Light

Map Notes

1. Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub–division 2, of the New York State Education Law.
2. Only copies from the original of this survey marked with an original of the land surveyor's seal shall be considered to be a true copy.
3. The above certification shall run only to the person for whom the survey is prepared , and on his behalf to the title company, governmental agency and lending institution. Certifications are not transferable to additional institutions or subsequent owners.
4. North Arrow and Bearings are referenced to the North American Datum of 1983 (NAD83) projected onto the New York State Plane East Zone based on GPS observations made on June 23, 2022 utilizing the NYSNET GPS network.
5. Elevations and Contours are referenced to North American Vertical Datum of 1988 (NAVD88) based on GPS observations made on December 2, 2020 utilizing the NYSNET GPS network.
6. Topographic survey performed by the LRC Group. LiDar data collected by Thew Associates using unmanned aerial lidar collection methods in July 2022. Field survey was completed on July 13, 2022.
7. New Hackensack Road – Route 376 highway lines were surveyed by the LRC Group. A boundary determination for property parcel lines has not been made.
8. Parcel is identified as Tax ID number 6161–84–910090 according to the Dutchess County Parcel Access.
9. A portion of the property is located in Zone "A" as depicted on Flood Insurance Rate Map (FIRM) Panel 0367E, Dutchess County, New York, Town of Lagrange, community number 361011, City of Poughkeepsie, community number 360222, Town of Poughkeepsie, community number 361142, map number 36027C0367E, effective date: May 2, 2012.
10. The subsurface utilities depicted hereon conform to the following Utility Quality Levels, as defined by the American Society of Civil Engineers (ASCE) in Document CI/ASCE 38–02 titled "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data":
    - Sanitary Sewer: QLC
    - Storm Sewer: QLC
    - Water: QLC and QLD
    - Natural Gas: QLC and QLD
    - Electric: QLC and QLD
    - Communications: QLC and QLD

    The subsurface utilities were compiled from parol evidence, record drawings, and surficial evidence located during the field survey. The Surveyor has not physically exposed the subsurface utilities, and makes no guarantee that the subsurface utilities depicted hereon comprise all such utilities within the surveyed area, either in service or abandoned. The Surveyor further does not warrant or guarantee that the subsurface utilities are in the exact location depicted, though they have been plotted, in accordance with the standard of care, from information available.

    The contractor is required to utilize the local utility one call system prior to excavation for the purpose of verifying the subsurface utilities in the area.

Certification

I hereby declare this map to be prepared in accordance with the Code of Practice of the New York State Association of Land Surveyors, adopted October, 1996 and revised through July 18, 1997.

STATE OF NEW YORK · JOHN F. WAGENBLATT · LICENSED LAND SURVEYOR · 050547

JOHN F. WAGENBLATT, L.S. Lic. No. 050,547

Revisions		
1.	12–08–2022	REVISED PER COMMENTS
2.	01–03–2023	REVISED PER COMMENTS

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EXISTING CONDITIONS

VASSAR GATEWAY PROJECT

20-72 VASSAR FARM LANE
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	FM/JW	CAD File	EX2128390I.dwg	Sheet No.	EX-1
Drawn	RN	Project No.	21–2839		
Checked	JW	Date	2022–10–25		
Approved	JW	Scale	1"=30'		

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GRAPHIC SCALE

50 25 0 50

SCALE IN FEET

Revisions		
1.	12-06-2022	REVISED PER COMMENTS
2.	01-03-2023	REVISED PER COMMENTS

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AERIAL OVERLAY PLAN

VASSAR GATEWAY PROJECT

20-72 VASSAR FARM LANE
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	SMC	CAD File	A021283901.dwg	Sheet No.
Drawn	BLS	Project No.	21-2839	AO-1
Checked	LRC	Date	2022-10-25	SHEET 3 OF 7
Approved	REM	Scale	1"=50'	

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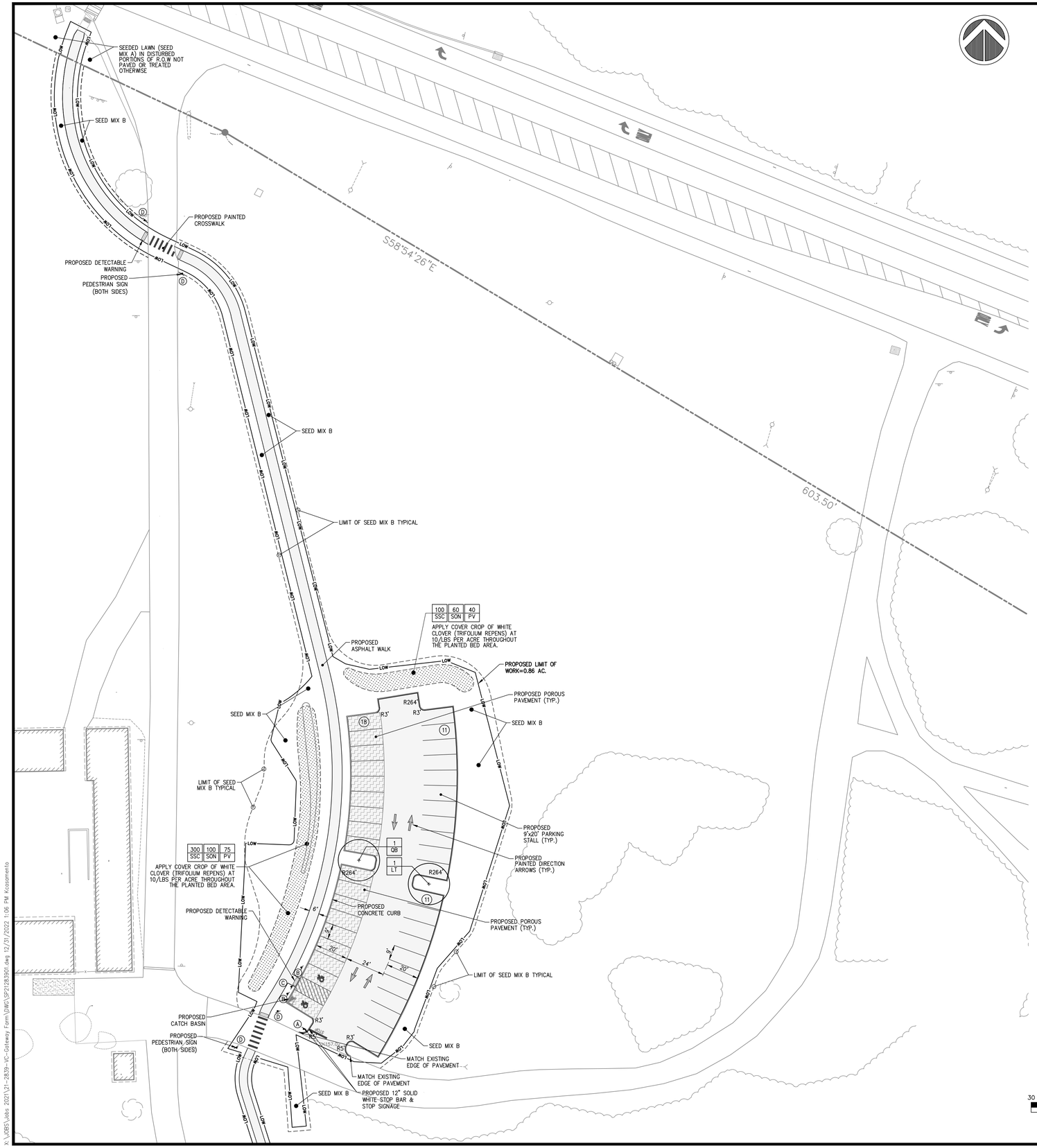
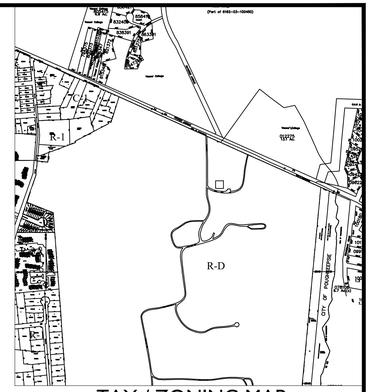


PLANTING NOTES: (SEE DN-1 FOR PLANTING DETAILS)

1. THE LANDSCAPE PLAN AND RELATED DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE PLAN FOR ALL OTHER INFORMATION.
2. THE CONTRACTOR SHALL GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY OWNER OR LANDSCAPE ARCHITECT. CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. PLANT MATERIAL REPLACEMENTS SHALL BE GUARANTEED FOR ONE FULL YEAR FROM DATE OF REPLACEMENT. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE. MAINTENANCE RESPONSIBILITIES INCLUDE CULTIVATING, SPRAYING, WEEDING, WATERING, TIGHTENING GUYS, PRUNING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN PLANT VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL THE END OF THE ONE YEAR GUARANTEE PERIOD.
3. THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT SCHEDULE. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY.
4. ALL TREE AND SHRUB RINGS OR BEDS SHALL BE MULCHED TO A DEPTH OF 4" WITH SHREDDED HARDWOOD BARK MULCH.
5. NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY ENGINEER. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER OR LANDSCAPE ARCHITECT. STAKING OF THE INSTALLED TREE MUST BE COMPLETED THE SAME DAY AS IT IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED PER DETAIL. SEE SHEET DN-1 FOR PLANTING DETAILS.
6. COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
7. LANDSCAPE PLANTING PITS MUST BE FREE DRAINING. COMPACTED SUBGRADE AND ROCK SHALL BE REMOVED TO FULL DEPTH PLANTING PITS OR TO A GREATER DEPTH IF REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS. REPLACE SOIL PLANTING SOIL MIX AS DESCRIBED IN THESE NOTES.
8. TIME OF PLANTING: NEW PLANT MATERIALS SHALL BE INSTALLED BETWEEN APRIL 1 AND JUNE 1, OR AFTER SEPTEMBER 15TH AND NO LATER THAN OCTOBER 31ST.
9. PLANTING SOIL MIXTURE FOR TREES AND SHRUBS:
   - 1 PART COMPOST
   - 1 PART PEAT MOSS
   - 3 PARTS TOPSOIL
   - FERTILIZER/LIME (APPLY AS RECOMMENDED BY SOIL ANALYSIS)
   - MYCORRHIZA INOCULANT – "TRANSPLANT 1–STEP" AS MANUFACTURED BY ROOTS, INC. OR APPROVED EQUAL. USE PER MANUFACTURER'S RECOMMENDATIONS FOR TREES AND SHRUBS.
10. ALL SLOPES GREATER THAN 3:1 RECEIVING A GRASS SEEDING MIXTURE SHALL BE COVERED WITH AN EROSION CONTROL BLANKET.
11. ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED SHALL BE SEEDED WITH SEED MIX "B".



TAX / ZONING MAP

SCALE: 1"=800'

PLANT LIST:

	CODE	QTY.	BOTANICAL NAME	COMMON NAME	ROOT	SIZE INSTALLED	SIZE MATURE	COMMENTS
TREES:	LT	1	LIRIODENDRON TULIPIFERA	TULIP TREE	B&B	2.5–3" cal.	80' ht.	
	QB	1	QUERCUS BICOLOR	SWAMP WHITE OAK	B&B	2.5–3" cal.	50–60' ht.	
POTTED GRASSES:	PV	115	PANICUM VIRGATUM	SWITCHGRASS	CONT.	#1	4–6' ht.	Green Blades; 2' o.c.
	SSC	400	SCHIZACHRIUM SCOPARUM	LITTLE BLUESTEM	CONT.	#SP5	2–3' ht.	Small bluestems w/inflor.
	SON	160	SORGHASTRUM NUTANS	INDIAN GRASS	CONT.	#1	3–6' ht.	Med. Green leaf/w/inflor.

SEED MIXES:

SEED MIX A – LOW–MOW LAWN SEEDING MIXTURE:

15% KENTUCKY BLUEGRASS (POA PRATENSIS – SINGLE VARIETY)
15% PERENNIAL RYEGRASS (LOLIUM PERENNE)
30% CREEPING RED FESCUE (FESTUCA RUBRA)
25% CHEWINGS FESCUE (FESCTUCA RUBRA "JAMESTOWN II")
15% HARD FESCUE (FESTUCA OVINA "RELIANT II")

SEEDING RATE: 4.5 LBS PER 1,000 S.F. (ADD 10% TO QUANTITY IF HYDROSEEDED).

SEEDING DATES: AUGUST 15 – OCTOBER 1 AND APRIL 15 – JUNE 15 UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT.

SEED MIX B:

CUSTOM SEED MIX AS DESCRIBED BELOW – AVAILABLE AT ERNST CONSERVATION SEEDS, 844 MERCER TURNPIKE, MEADVILLE, PA 16335; WWW.ERNSTSEED.COM; ADJUST SEED TYPES AS MAY BE RECOMMENDED BY ERNST.

90.00 % BOUTELOUA CURTIPENDULA	SIDE OATS GRAMA
5.00 % ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED
2.00 % CHAMAECRISTA FASCICULATA	PARTRIDGE PEA
2.00 % CHAMAECRISTA NICTITANS	SENSITIVE PEA
0.50 % OENOTHERA FRUTICOSA	SUNDROPS
0.50 % PENSTEMON HIRSUTUS	HAIRY BEARDTONGUE

SEEDING RATE: 8.0 LBS PER ACRE. (ADD 10% TO QUANTITY IF HYDROSEEDED). SEED WITH A COVER CROP AS RECOMMENDED BY ERNST FOR SPECIFIC SITE & SEASONAL CONDITIONS.
SEEDING DATES: AUGUST 15 – OCTOBER 1 AND APRIL 15 – JUNE 15 UNLESS OTHERWISE APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT/CIVIL ENGINEER.

SIGN LEGEND

NO.	LEGEND	QTY.
A	STOP	1
B	RESERVED PARKING	2
C	NO PARKING ANYTIME	1
D		4

NOTES:

1. THERE ARE NO EASEMENTS OR DEED RESTRICTIONS PERTAINING TO THE SITE.
2. THERE ARE NO WATERCOURSES, WOODED AREA, ROCK OUTCROPS, OR ANY TREES LARGER THAN (8").
3. SITE IS NOT LOCATED WITHIN THE FEMA FLOODPLAIN.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT LINE
- BUILDING SETBACK LINE
- PROPOSED ASPHALT SURFACE
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE CURB
- PROPOSED EDGE OF BITUMINOUS CONCRETE

PARKING SUMMARY TABLE

ITEM	REQUIRED	EXISTING	PROPOSED
NUMBER OF SPACES		N/A	40
MINIMUM PARKING DIMENSIONS	9' x 20'	N/A	9' x 20'
MINIMUM AISLE WIDTH	24' TWO–WAY	N/A	24'
HANDICAP SPACES FOR 40 SPACES = 2 REQUIRED, 2 PROVIDED			

PROPERTY OWNER:

VASSAR COLLEGE
124 RAYMOND AVE
POUGHKEEPSIE, NY12601

GRAPHIC SCALE
30 15 0 30
SCALE IN FEET

STATE OF NEW YORK · RODNEY E MORRISON · LICENSED PROFESSIONAL ENGINEER · 071494

Revisions		
1.	12–06–2022	REVISED PER COMMENTS
2.	01–03–2023	REVISED PER COMMENTS

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SITE / LANDSCAPE PLAN

VASSAR GATEWAY PROJECT

20-72 VASSAR FARM LANE
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	SMC	CAD File	SP21283901.dwg	Sheet No.	SP-1
Drawn	BLS	Project No.	21–2839		
Checked	LRC	Date	2022–10–25		
Approved	REM	Scale	1"=30'		SHEET 4 OF 7

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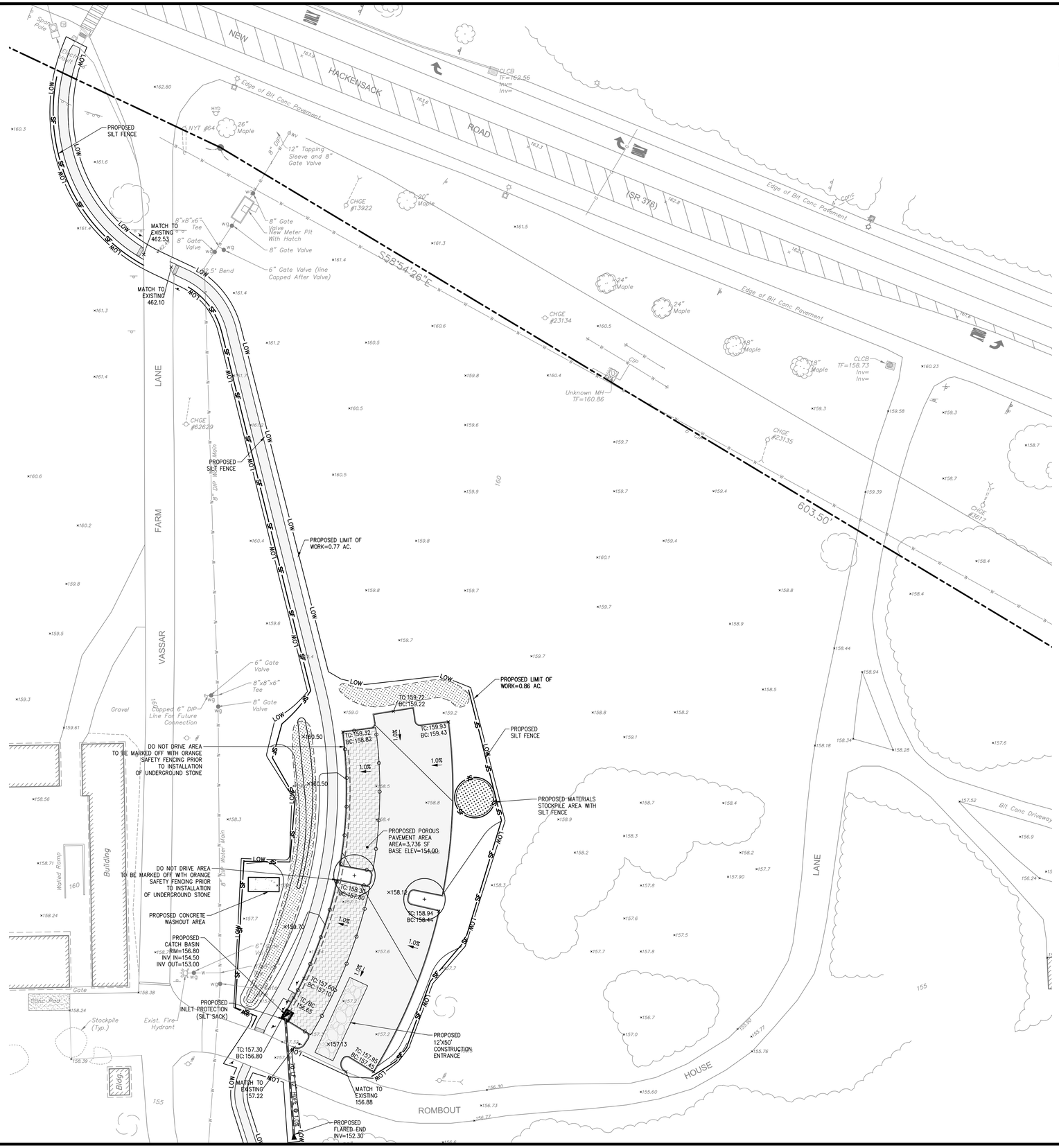

HYDRANT NOTE

FIRE HYDRANT IS TO BE FLOW TESTED. HYDRANT SHALL TO HAVE SNOW FLAG AND NFPA COLOR BANDING SHOWING DEMONSTRATED FLOW CAPABILITIES. FLOW DATA FOR EXISTING WATER HYDRANT(S) TO BE PROVIDED.

THE EXISTING HYDRANT IS TO INSPECTED AND FLOW TESTED ANNUALLY.

CITY OF POUGHKEEPSIE EROSION AND SILTATION CONTROL NOTES

1. ALL UNVEGETATED AREAS IN EXCESS OF 10%, PER DIRECTION OF THE ENGINEER, SHALL HAVE TEMPORARY SEEDING OF FAST GERMINATING RYE, 10 TO 15 #'S PER 1,000 SQ. FT.
2. GRADED AREAS – UPPER ELEVATIONS: PROVIDE TEMPORARY DRAINAGE SWALES, 1% GRADE MIN., TO DIRECT RUNOFF AWAY FROM CONSTRUCTION SITES. DISCHARGE AREAS TO BE ACCEPTABLE TO THE ENGINEER.
3. GRADED AREAS – LOWER ELEVATIONS: PROVIDE DRAINAGE SWALES, 1% MIN. GRADES, WITH STAKED AND SECURED HAY BALE SILTATION. LOCATION OF HAY BALES AND DISCHARGE AREAS PER APPROVAL OF ENGINEER.
4. PERMANENT SEEDED AREAS FOR EROSION CONTROL: MIXTURE OF PERENNIAL RYE AND BLUE AND RED FESCUE GRASSES (50/50), 15 TO 25 #'S PER 1,000 SQ. FT., MULCHING AT 5#'S PER 1,000 SQ. FT., FERTILIZER – 5.10.5 AT 5#'S PER 1,000 SQ. FT. (IF DETERMINED NECESSARY BY ENGINEER), WITH PEGGING AND NETTING FOR GRADES IN EXCESS OF 15%.
5. ALL PERMANENT DRAINAGE INTERCEPTOR SWALES TO BE SEEDED PER ITEM 4 ALSO.
6. ALL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST "URBAN EROSION AND SEDIMENT CONTROL GUIDEBOOK" OF THE DUTCHESS COUNTY SOIL AND WATER CONSERVATION DISTRICT.
7. ALL AREAS SHALL BE SEEDED AND MULCHED AS SOON AS POSSIBLE.
8. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEED BED PREPARATION, SEEDING AND MULCH APPLICATION.
9. SCARIFY ALL COMPACTED SOILS PRIOR TO APPLYING TOPSOIL.
10. APPLY TOPSOIL PER STANDARD #6 TABLE 6.1 OF THE SOIL EROSION CONTROL GUIDE BOOK.
11. SEED MIX SHALL BE AS FOLLOWS:
KY. BLUE GRASS 20 LBS/AC.
CREEPING RED FESCUE 40 LBS/AC.

GRADING AND DRAINAGE NOTES

1. ALL EXISTING STRUCTURES NOTED TO BE REMOVED, FENCING, TREES, ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES.
2. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
3. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.

LEGEND

- PROPERTY LINE
- 160 — EXISTING MAJOR CONTOUR
- 162 — EXISTING MINOR CONTOUR
- ×163.25 — EXISTING SPOT GRADE
- ×163.25 — PROPOSED SPOT GRADE
- 160 — PROPOSED MAJOR CONTOUR LINE
- 162 — PROPOSED MINOR CONTOUR LINE
- PROPOSED STORM LINE
- EXISTING STORM LINE
- EXISTING CURB CATCH BASIN
- EXISTING CURBLESS CATCH BASIN
- PROPOSED CATCH BASIN WITH INLET PROTECTION (SILT SACKS)
- PROPOSED POROUS PAVEMENT
- SF — PROPOSED SILT FENCE
- LOW — PROPOSED LIMIT OF WORK
- PROPOSED CONCRETE WASHOUT AREA
- PROPOSED CONSTRUCTION ENTRANCE
- PROPOSED SOIL MATERIALS STOCKPILE AREA WITH SILT FENCE
- HYD — EXISTING FIRE HYDRANT

GRAPHIC SCALE
30 15 0 30
SCALE IN FEET

STATE OF NEW YORK ROBERT E. MORHEIM LICENSED PROFESSIONAL ENGINEER 074194

Revisions	
1.	12-06-2022 REVISED PER COMMENTS
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SITE GRADING / DRAINAGE & EC PLAN

VASSAR GATEWAY PROJECT

20-72 VASSAR FARM LANE
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DUTCHESS COUNTY, NEW YORK

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Drawn	BLS	Project No.	21-2839	SG-1
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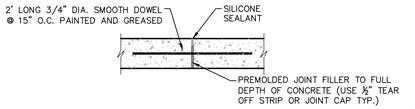
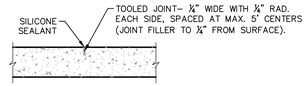


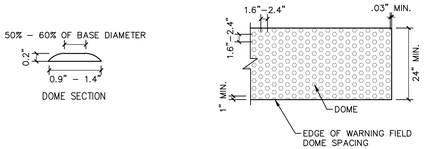
EXPANSION JOINT



CONTROL/CONTRACTION JOINT

NOTES:
1. CONTROL JOINT TO BE PROVIDED EVERY 5 FEET MAX. WITH AN EXPANSION JOINT EVERY 20 FEET MIN OR JOINTS LOCATED AS SHOWN ON PLAN.
2. PROVIDE EXPANSION JOINT AT TOP AND BOTTOM OF CURB RAMPS AND STAIRS.

CONCRETE SIDEWALK JOINT DETAIL
SCALE: 1" = 1'–0"



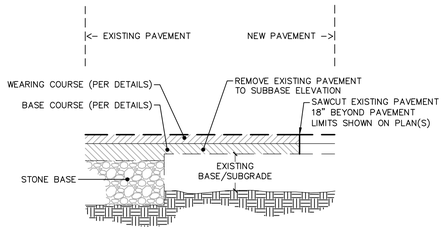
NOTES:
1. THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE, THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING UNIT (THE DOMES AND THE ENTIRE 24" LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.
2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.
3. THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE BREAK BETWEEN THE RAMP LANDING OR CURB RAMP AND THE STREET.
4. WHERE DOMES ARE ARRAYED RADIALLY THEY MAY DIFFER IN DOME DIAMETER AND CENTER–TO– CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET.
5. THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS OR MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
6. DETECTABLE WARNING SHALL BE LOCATED SO THAT THE EDGE OR CORNER OF THE WARNING FIELD NEAREST TO THE ROADWAY IS 5" TO 9" FROM THE FRONT OF THE CURB OR THE ROADWAY EDGE (12" WHERE TRAVERSABLE CURB IS USED). INSTALL THE DETECTABLE WARNING FIELD BEHIND THE FLUSH CURB.
7. THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 6'–0" MINIMUM AND 15'–0" MAXIMUM FROM THE CENTERLINE OF THE NEAREST RAIL.

DETECTABLE WARNING TILE SPECS

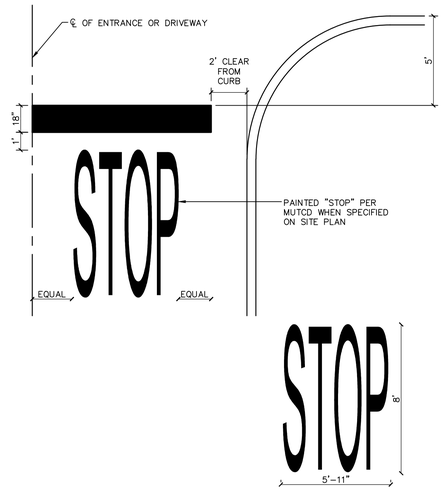
24" WIDE "ARMOR TILE" TACTILE WARNING (2.35" DOME SPACING)CAST INTO CONC. PAD PER MANUFACTURER'S INSTRUCTIONS.

NOTE: UNIT SIZE FOR RECTANGULAR APPLICATIONS IS 24"x24" AND FOR RADIAL APPLICATIONS IS 18"x24"

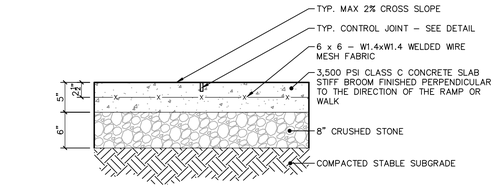
DETECTABLE WARNING DETAIL
SCALE: 1/2" = 1'–0"



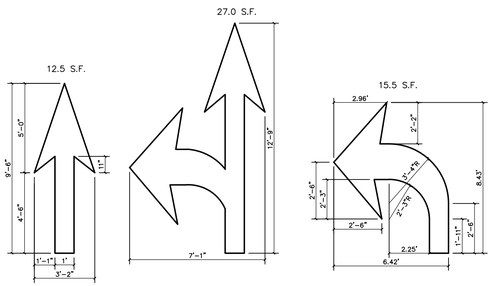
PAVEMENT TRANSITION DETAIL
SCALE: 1" = 1'–0"



STOP BAR DETAIL
SCALE: 1/4"=1'–0"

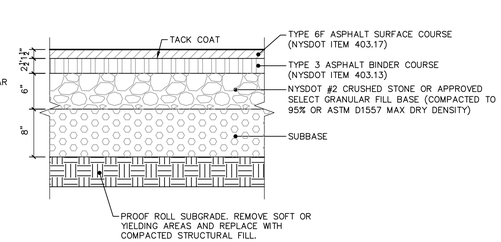


CONCRETE SIDEWALK SECTION DETAIL
SCALE: 1" = 1'–0"

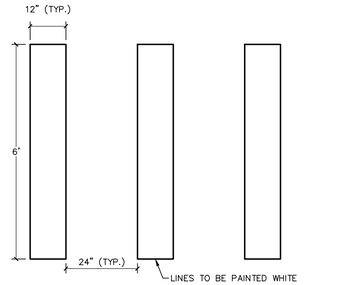


REFER TO ADJACENT VIEWS FOR DIMENSIONS (WHITE)
(ARROWS TO BE CENTERED IN TRAVEL LANE)

PAVEMENT ARROW DETAIL
SCALE: 1/4"=1'–0"

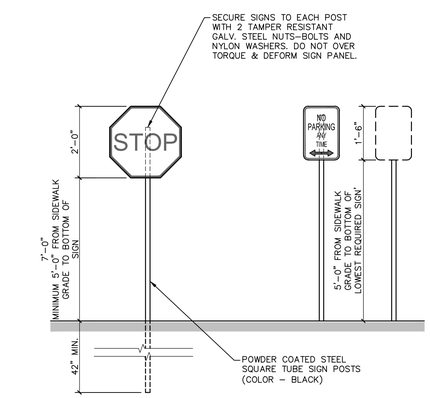


STANDARD ROADWAY BIT. CONC. PAVING DETAIL
SCALE: 1" = 1'–0"



NOTES:
1. PROVIDE TWO COATS OF PAINT ON ALL SURFACES.
2. SEE PLANS FOR LOCATION OF CROSSWALKS.
3. ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE NATIONAL MUTCD AND NYS SUPPLEMENT.

PAINTED CROSSWALK STRIPING DETAIL
SCALE: 1/2" = 1'–0"



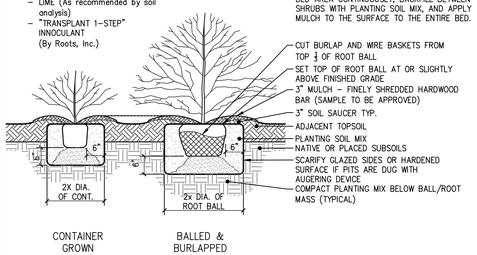
NOTE:
1. CONSTRUCT SIGN IN ACCORDANCE WITH CURRENT NYSDOT AND MUTCD STANDARDS.

TRAFFIC CONTROL SIGNAGE: TYPICAL INSTALLATION
SCALE: 1/2" = 1'–0"

ON-SITE CONCRETE CURB DETAIL
SCALE: 1" = 1'–0"

UNLESS SPECIFIED OTHERWISE, SOIL MIX SHALL BE:
- 3 PARTS TOPSOIL
- 1 PART PEAT MOSS OR COMPOST
- LIME (As recommended by soil analysis)
- "TRANSPLANT 1–STEP" INNOCULANT (By Roots, Inc.)

NOTE: IN AREAS OF MASS PLANTING, EXCAVATE BED AREA CONTINUOUSLY, BACKFILL BETWEEN SHRUBS WITH PLANTING SOIL MIX, AND APPLY MULCH TO THE SURFACE TO THE ENTIRE BED.

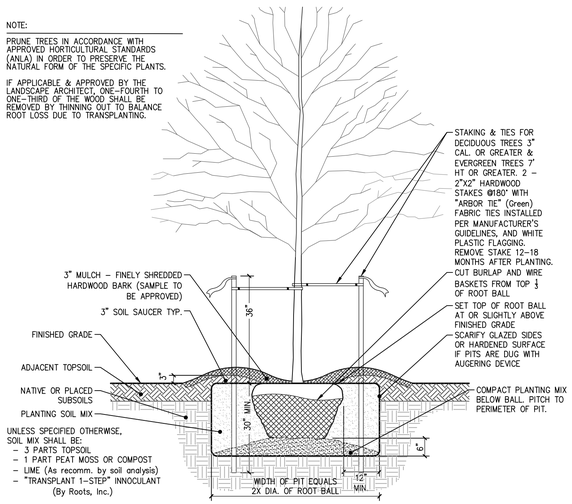


SHRUB PLANTING DETAIL
SCALE: 1/4" = 1'–0"

NOTE:

PRUNE TREES IN ACCORDANCE WITH APPROVED HORTICULTURAL STANDARDS (ANLA) IN ORDER TO PRESERVE THE NATURAL FORM OF THE SPECIFIC PLANTS.

IF APPLICABLE & APPROVED BY THE LANDSCAPE ARCHITECT, ONE–FOURTH TO ONE–THIRD OF THE WOOD SHALL BE REMOVED BY THINNING OUT TO BALANCE ROOT LOSS DUE TO TRANSPLANTING.



UNLESS SPECIFIED OTHERWISE, SOIL MIX SHALL BE:
- 3 PARTS TOPSOIL
- 1 PART PEAT MOSS OR COMPOST
- LIME (As recommended by soil analysis)
- "TRANSPLANT 1–STEP" INNOCULANT (By Roots, Inc.)

TREE PLANTING DETAIL
SCALE: 1/4" = 1'–0"

STATE OF NEW YORK — RODNEY E. MORGAN — LICENSED PROFESSIONAL ENGINEER — 074195

Revisions		
1.	12–06–2022	REVISED PER COMMENTS
2.	01–03–2023	REVISED PER COMMENTS

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PROJECT DETAILS

VASSAR GATEWAY PROJECT

20–72 VASSAR FARM LANE
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	SMC	CAD File	DN21283901.dwg	Sheet No.
Drawn	BLS	Project No.	21–2839	DN-1
Checked	LRC	Date	2022–10–25	SHEET 6 OF 7
Approved	REM	Scale	NTS	

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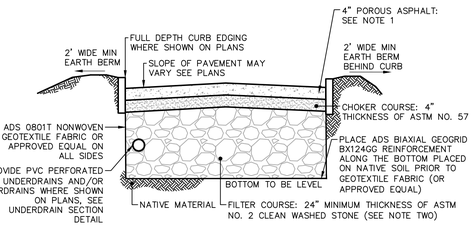


POROUS PAVEMENT CONSTRUCTION GUIDELINES

POROUS PAVEMENT MUST BE INSTALLED IN ACCORDANCE WITH NYSDOT SPECIFICATION ITEM 420.50030004, 420.50090004, AND 420.70090004

1. PAVEMENT SPEC PER NAPA SERIES 131 OR NYSDOT APPROVED EQUAL

AGGREGATE MIX:	
3/4" (19 mm)	100%
1/2" (12.5 mm)	85–100%
3/8" (9.5 mm)	55–75%
#4 (4.75 mm)	10–25%
#8 (2.36 mm)	5–10%
#200 (0.075 mm)	2–4%

AIR VOIDS BY ASTM D3203 MIN 16%
ASPHALT CONTENT 5.75% TO 6% BY WEIGHT OF TOTAL MIX
DRAINDOWN OF 0.3 % MAXIMUM IN ACCORDANCE WITH ASTM D6390–05
USE NEAT ASPHALT BINDER MODIFIED WITH ELASTOMETRIC POLYMER TO PRODUCE BINDER MEETING THE REQUIREMENTS OF PG–76–22. THE ELASTIC POLYMER SHALL BE STYREME–BUTADIENE–STYRENE (SBS), OR APPROVED EQUAL, APPLIED AT A RATE OF 3% BY TOTAL WEIGHT OF THE BINDER. THE COMPOSITION MATERIAL SHALL BE THOROUGHLY BLENDED AT THE ASPHALT REFINERY OR TERMINAL PRIOR TO BEING LOADED INTO THE TRANSPORT VEHICLE. THE POLYMER MODIFIED BINDER SHALL BE HEAT AND STORAGE STABLE.

ADD HYDRATED LIME AT A DOSAGE RATE OF 1.0% BY WEIGHT OF THE TOTAL DRY AGGREGATE TO MIXES CONTAINING GRANITE. HYDRATED LIME SHALL MEET THE REQUIREMENTS OF ASTM C 977. THE ADDITIVE MUST BE ABLE TO PREVENT THE SEPARATION OF THE ASPHALT BINDER FROM THE AGGREGATE AND ACHIEVE A REQUIRED TENSILE STRENGTH RATIO (TSR) OF AT LEAST 80% OF THE ASPHALT MIX.

CHOKER COURSE: (ASTM 57–CLEAN WASHED)	
1.5" (37mm)	100%
1" (25 mm)	95–100%
1/2" (12.5 mm)	25–60%
#4 (4.75 mm)	0–10%
#8 (2.36 mm)	0–5%

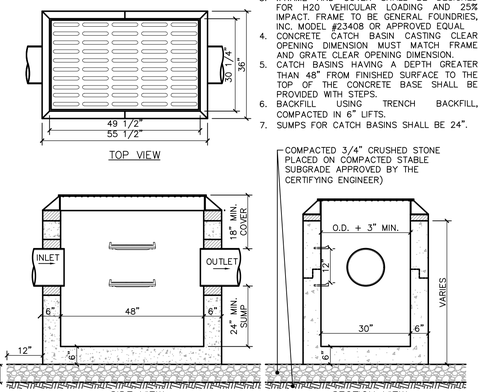
FILTER COURSE: (ASTM NO. 2–CLEAN WASHED)	
3" (75 mm)	100%
2.5" (63 mm)	90–100%
2" (50 mm)	35–70%
1.5" (37 mm)	0–15%
3/4" (12.5 mm)	0–5%

1. THE CONTRACTOR SHALL PROVIDE SUBMITTALS FOR EACH STONE COURSE, FILTER FABRIC, GEO GRID, AND THE POROUS PAVEMENT MIX. THE SUBMITTALS MUST BE APPROVED BY THE SITE ENGINEER PRIOR TO THE START OF CONSTRUCTION. ALL STONE TO BE CLEAN WASHED AND TO BE INSPECTED BY THE SITE ENGINEER PRIOR TO PLACEMENT. THE CONTRACTOR SHALL NOTIFY THE SITE ENGINEER AND ADVISE OF SCHEDULING CONSTRUCTION OF THE STONE THAT IS TO BE PLACED SO THAT AN INSPECTION ON THE STONE GRADATION AND CLEANLINESS CAN BE BE CONFIRMED PRIOR TO ANY FILTER AND CHOCKER STONE INSTALLATION.
2. BASE OF INFILTRATION BED TO BE INSTALLED LEVEL. SURFACE PAVEMENT ELEVATION TO VARY PER GRADING PLAN. ADJUST FILTER COURSE LEVEL TO ACHIEVE CHANGE IN GRADE.
3. THE SUBGRADE CANNOT BE OVERLY COMPACTED WITH THE INCLUSION OF FINE PARTICULATES. FOLLOW THE INSTALLATION GUIDELINES ON THE PLANS AND THOSE OUTLINED IN THE NYSDEC STORMWATER DESIGN MANUAL.
4. WEATHER CONDITIONS AT THE TIME OF INSTALLATION CAN AFFECT THE FINAL PRODUCT. EXTREMELY HIGH OR LOW TEMPERATURES SHOULD BE AVOIDED DURING CONSTRUCTION OF PERVIOUS ASPHALT AND CONCRETE PAVEMENTS. TEMPERATURE AT THE TIME OF POROUS PAVEMENT INSTALLATION MUST BE GREATER THAN 50 DEGREES AND LESS THAN 90 DEGREES.
5. AREAS FOR POROUS PAVEMENT SYSTEMS SHALL BE CLEARLY MARKED BEFORE ANY SITE WORK BEGINS TO AVOID SOIL DISTURBANCE AND COMPACTION DURING CONSTRUCTION.
6. IF AREAS CANNOT BE AVOIDED DURING THE CONSTRUCTION OF THE SURROUNDING AREAS OR THE EXCAVATION FOR THE INSTALLATION OF THE STONE RECHARGE BED THE CONTRACTOR SHOULD DE–COMPACT THE EXISTING SUBBASE PER THE DESIGN ENGINEER'S SPECIFICATIONS.
7. PERVIOUS PAVEMENT AND OTHER INFILTRATION PRACTICES SHOULD BE INSTALLED TOWARD THE END OF THE CONSTRUCTION PERIOD. UPSTREAM CONSTRUCTION SHALL BE COMPLETED AND STABILIZED BEFORE CONNECTION TO POROUS PAVEMENT SYSTEM. A DENSE AND VIGOROUS VEGETATIVE COVER SHALL BE ESTABLISHED OVER ANY CONTRIBUTING PERVIOUS DRAINAGE AREAS BEFORE RUNOFF CAN BE ACCEPTED INTO THE FACILITY.
8. SUBSURFACE AREA SHOULD BE EXCAVATED TO PROPOSED DEPTH. EXISTING SUBGRADE SHALL NOT BE COMPACTED OR SUBJECT TO EXCESSIVE CONSTRUCTION EQUIPMENT PRIOR TO PLACEMENT OF GEOTEXTILE AND STONE BED. WHERE EROSION OF SUBGRADE HAS CAUSED ACCUMULATION OF FINE MATERIALS AND/OR SURFACE PONDING, THIS MATERIAL SHALL BE REMOVED WITH LIGHT EQUIPMENT AND THE UNDERLYING SOILS SCARIFIED TO A MINIMUM DEPTH OF 6 INCHES WITH A YORK RAKE OR EQUIVALENT AND LIGHT TRACTOR.
9. PLACE GEOTEXTILE AND RECHARGE BED AGGREGATE IMMEDIATELY AFTER APPROVAL OF SUBGRADE PREPARATION TO PREVENT ACCUMULATION OF DEBRIS OR SEDIMENT. PREVENT RUNOFF AND SEDIMENT FROM ENTERING THE STORAGE BED DURING THE PLACEMENT OF THE GEOTEXTILE AND AGGREGATE BED.
10. PLACE GEOTEXTILE IN ACCORDANCE WITH MANUFACTURER'S STANDARDS AND RECOMMENDATIONS. ADJACENT STRIPS OF FILTER FABRIC SHALL OVERLAP A MINIMUM OF 16 INCHES. FABRIC SHALL BE SECURED AT LEAST 4 FEET OUTSIDE OF BED. THIS EDGE STRIP SHOULD REMAIN IN PLACE UNTIL ALL BARE SOILS CONTIGUOUS TO BEDS ARE STABILIZED AND VEGETATED. AS THE SITE IS FULLY STABILIZED, EXCESS GEOTEXTILE CAN BE CUT BACK TO THE EDGE OF THE BED.
11. INSTALL DRAINAGE PIPES IF REQUIRED, AS SHOWN ON PLANS.
12. PLACE STONE AGGREGATE FOR STONE RECHARGE BEDS, TAKING CARE NOT TO DAMAGE THE FILTER FABRIC. AGGREGATE SHOULD BE DUMPED AT THE EDGE OF THE BED AND AND PLACED IN LAYERS OF 6 TO 8 INCHES USING CLEAN TRACK EQUIPMENT. COMPACT EACH LIFT WITH A SINGLE PASS OF A LIGHT ROLLER. (DO NOT USE VIBRATION) INSTALL AGGREGATE TO GRADES INDICATED ON THE DRAWINGS.
13. THE POROUS PAVEMENT LAYER IS TO BE INSTALLED AS ONE FOUR INCH LIFT USING TRACK PAVERS. FOLLOW NYSDOT SPECIFICATIONS FOR OPEN–GRADED ASPHALT MIX PLACEMENT. THE ASPHALT MUST BE COMPACTED WITH TWO TO FOUR PASSES OF A TEN TON STATIC ROLLER.
14. THE CONTRACTOR MUST PROVIDE AN INDEPENDENT LABORATORY TO PROVIDE A DENSITY GAUGE OPERATOR. THE DENSITY GAUGE OPERATOR MUST TEST THE IN PLACE DENSITY TO ENSURE A COMPACTED TARGET DENSITY OF 81% OF THE MIXTURE MAXIMUM THEORETICAL DENSITY. PERFORM A MINIMUM OF ONE DENSITY GAUGE READING FOR EVERY 200 FEET. THE ACCEPTABLE IN PLACE DENSITY GAUGE READING AT EACH LOCATION WILL BE BETWEEN 95% AND 105% OF THE TARGET DENSITY.
15. AFTER FINAL ROLLING, TRAFFIC MUST BE RESTRICTED FOR THE FIRST 24 HOURS.
16. THE CONTRACTOR IS TO PERFORM A POROSITY TEST 24 HOURS AFTER PLACEMENT. PERFORM A MINIMUM OF 3 POROSITY TESTS AT LOCATIONS DETERMINED BY THE SITE ENGINEER. PERFORM THE TEST BY APPLYING WATER AT A RATE OF 5 GALLONS PER MINUTE FROM A HOSE FOR A MINIMUM OF 3 MINUTES. ALL WATER SHALL INFILTRATE WITHOUT FORMING PUDDLES OR SURFACE WATER. THE TEST SHALL BE MONITORED BY THE SITE ENGINEER.

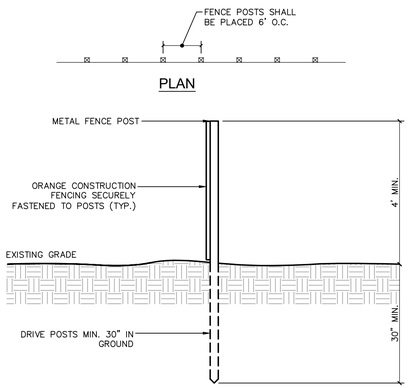
INSTALLATION OF POROUS PAVEMENT MUST BE INSTALLED IN ACCORDANCE WITH NYSDOT ITEM 420.50030004 "POROUS ASPHALT PAVEMENT SPECIFICATIONS"

POROUS ASPHALT PAVEMENT DETAIL
SCALE: 1/2" = 1'–0"

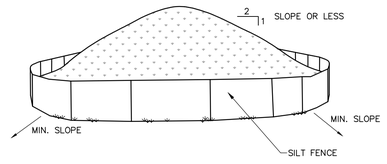
NOTES:
1. PRECAST CONCRETE CATCH BASIN SECTIONS AS MANUFACTURED BY FORT MILLER OR APPROVED EQUAL.
2. CATCH BASIN SHALL BE PRECAST CONCRETE. DESIGNED FOR H20 VEHICULAR LOADING AND 25% IMPACT.
3. FRAME AND COVER SHALL BE DESIGNED FOR H20 VEHICULAR LOADING AND 25% IMPACT. FRAME TO BE GENERAL FOUNDRIES, INC. MODEL #2340B OR APPROVED EQUAL.
4. CONCRETE CATCH BASIN CASTING CLEAR OPENING DIMENSION MUST MATCH FRAME AND GRATE CLEAR OPENING DIMENSION.
5. CATCH BASINS HAVING A DEPTH GREATER THAN 48" FROM FINISHED SURFACE TO THE TOP OF THE CONCRETE BASE SHALL BE PROVIDED WITH STEPS.
6. BACKFILL USING TRENCH BACKFILL, COMPACTED IN 6" LIFTS.
7. SUMPS FOR CATCH BASINS SHALL BE 24".



CURB LESS TYPE CATCH BASIN DETAIL
SCALE: 1/2" = 1'–0"

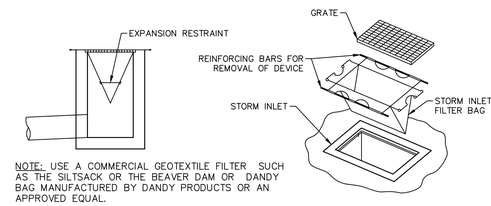


ORANGE CONSTRUCTION FENCE DETAIL
SCALE: 1/2" = 1'–0"



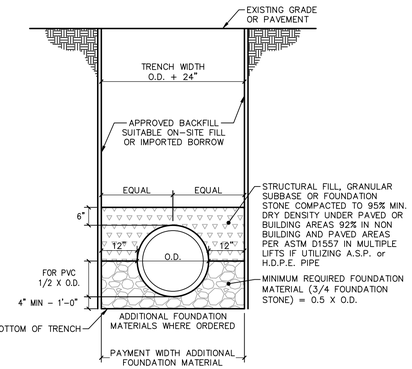
NOTES:
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1V:2H.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS FOR INSTALLATION OF SILT FENCE.
5. HAYBALES OR SILT SOCKS TO BE USED WHERE STOCKPILES ARE LOCATED ON PAVED AREAS.

MATERIALS STOCKPILE DETAIL
SCALE: N.T.S.

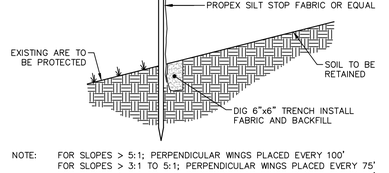


NOTE: USE A COMMERCIAL GEOTEXTILE FILTER SUCH AS THE SILTSACK OR THE BEAVER DAM OR DANDY BAG MANUFACTURED BY DANDY PRODUCTS OR AN APPROVED EQUAL.

SILT SACK DETAIL
SCALE: N.T.S.

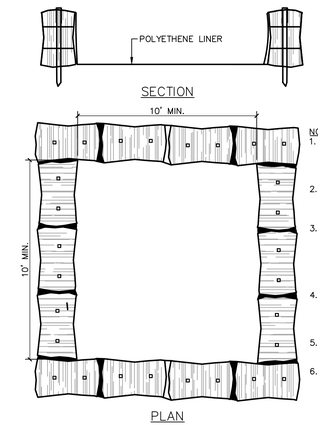


TYPICAL STORM SEWER TRENCH SECTION
SCALE: 1/2" = 1'–0"



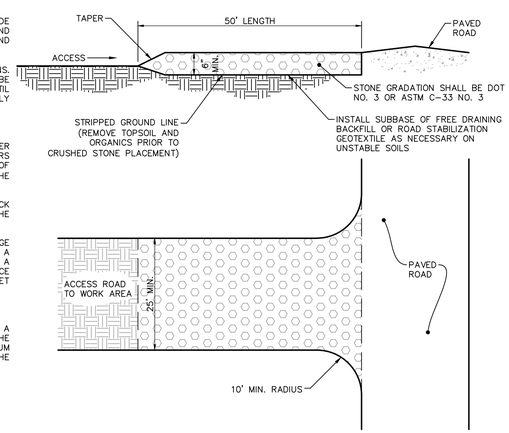
NOTE: FOR SLOPES > 5:1; PERPENDICULAR WINGS PLACED EVERY 100'
FOR SLOPES > 3:1 TO 5:1; PERPENDICULAR WINGS PLACED EVERY 75'
FOR SLOPES > 2:1 TO 3:1; PERPENDICULAR WINGS PLACED EVERY 50'

SILT FENCE DETAIL
SCALE: N.T.S.



NOTES:
1. CONCRETE WASHOUT SIGN TO BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
2. REMOVE HARDENED CONCRETE WHEN WITHIN 4" FROM TOP OF STRUCTURE.
3. CONSTRUCT NEW FACILITIES ONCE CURRENT FACILITIES ARE TWO–THIRDS FULL. IF CONCRETE HAS NOT HARDENED CONSTRUCT NEW FACILITIES ONCE CURRENT FACILITY IS TWO–THIRDS FULL.
4. LINERS, HAYBALES, ET.C SHALL BE INSPECTED FOR DAMAGE. ANY DAMAGE SHALL BE REPAIRED PROMPTLY.
5. SEPARATE FACILITIES TO BE USED FOR VEHICLE WASHING IF NEEDED.
6. NO CONCRETE IS TO BE WASHOUT OUT ON THE GROUND IN ANY LOCATION.

ABOVE GROUND TEMPORARY CONCRETE WASHOUT DETAIL
SCALE: 1/4"=1'–0"



CONSTRUCTION ENTRANCE DETAIL
SCALE: 1/16" = 1'–0"

Revisions		
1.	12–06–2022	REVISED PER COMMENTS
2.	01–03–2023	REVISED PER COMMENTS

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LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

PROJECT DETAILS

VASSAR GATEWAY PROJECT

20-72 VASSAR FARM LANE
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	SMC	CAD File	DN21283902.dwg
Drawn	BLS	Project No.	21–2839
Checked	LRC	Date	2022–10–25
Approved	REM	Scale	NTS

Sheet No. DN-2
SHEET 7 OF 7

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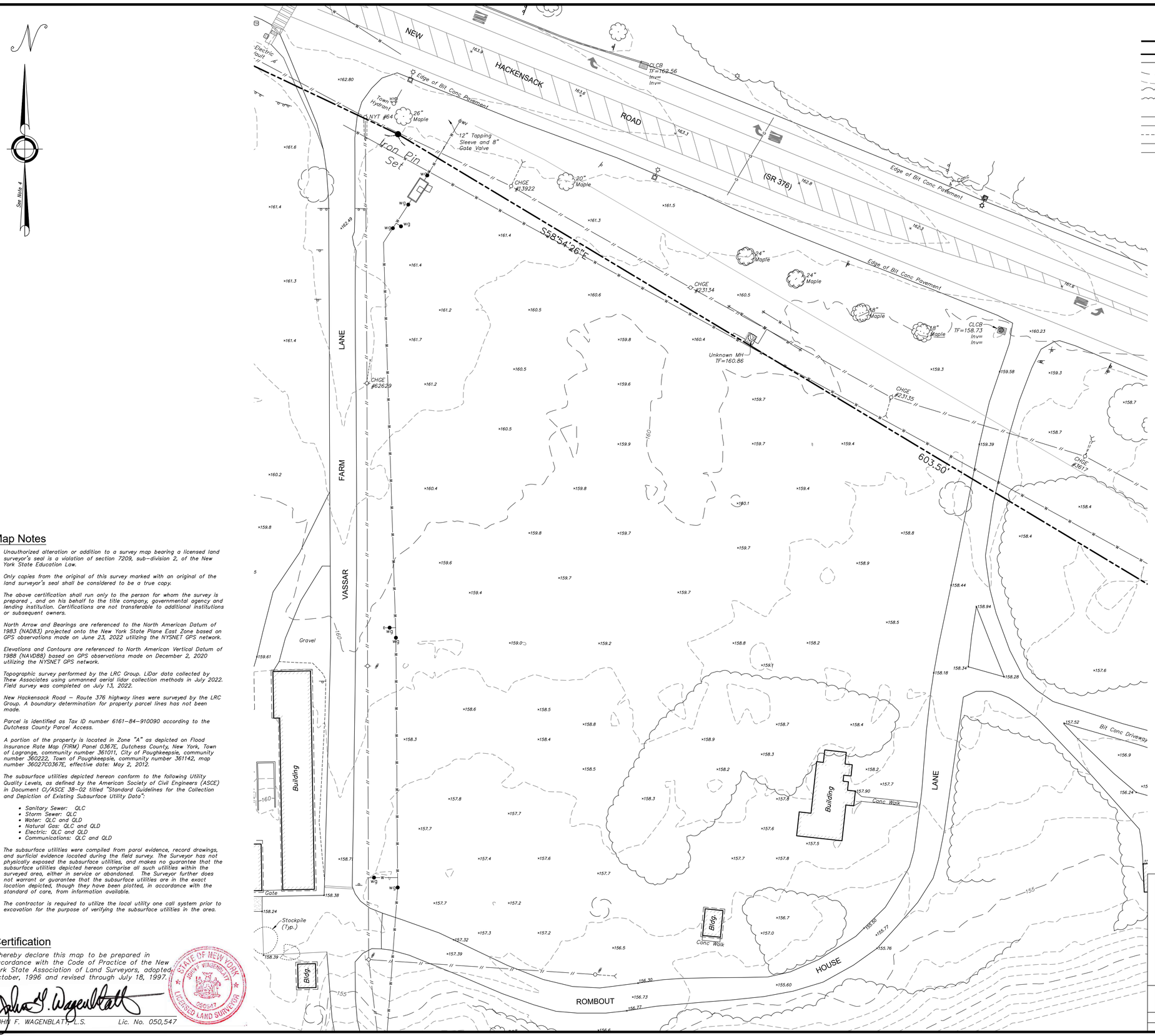

LEGEND

- Property Line
- Easement Line
- Index Contour
- Intermediate Contour
- Treeline
- Hedge/Shrub Line
- Detectable Warning Strip
- Gas Line
- Water Line (Vassar)–Domestic & Fire Protection
- Water Line (Vassar) Abandoned
- Water Line (Town)
- Overhead Wires
- Bituminous Concrete Surface
- Concrete Surface
- Gravel Surface
- Deciduous Tree
- Coniferous Tree
- Sign
- Water Valve (Vassar)
- Water Valve (Town)
- Hydrant (Vassar)
- Hydrant (Town)
- Curbless Catch Basin
- Utility Pole with Light
- Guy Wire
- Street Light

Map Notes

1. *Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub–division 2, of the New York State Education Law.*
2. *Only copies from the original of this survey marked with an original of the land surveyor's seal shall be considered to be a true copy.*
3. *The above certification shall run only to the person for whom the survey is prepared , and on his behalf to the title company, governmental agency and lending institution. Certifications are not transferable to additional institutions or subsequent owners.*
4. *North Arrow and Bearings are referenced to the North American Datum of 1983 (NAD83) projected onto the New York State Plane East Zone based on GPS observations made on June 23, 2022 utilizing the NYSNET GPS network.*
5. *Elevations and Contours are referenced to North American Vertical Datum of 1988 (NAVD88) based on GPS observations made on December 2, 2020 utilizing the NYSNET GPS network.*
6. *Topographic survey performed by the LRC Group. LIDar data collected by Thew Associates using unmanned aerial lidar collection methods in July 2022. Field survey was completed on July 13, 2022.*
7. *New Hackensack Road – Route 376 highway lines were surveyed by the LRC Group. A boundary determination for property parcel lines has not been made.*
8. *Parcel is identified as Tax ID number 6161–84–910090 according to the Dutchess County Parcel Access.*
9. *A portion of the property is located in Zone "A" as depicted on Flood Insurance Rate Map (FIRM) Panel 0367E, Dutchess County, New York, Town of Lagrange, community number 361011, City of Poughkeepsie, community number 360222, Town of Poughkeepsie, community number 361142, map number 36027C0367E, effective date: May 2, 2012.*
10. *The subsurface utilities depicted hereon conform to the following Utility Quality Levels, as defined by the American Society of Civil Engineers (ASCE) in Document C1/ASCE 38–02 titled "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data":*
    - *Sanitary Sewer: QLC*
    - *Storm Sewer: QLC*
    - *Water: QLC and QLD*
    - *Natural Gas: QLC and QLD*
    - *Electric: QLC and QLD*
    - *Communications: QLC and QLD*

    The subsurface utilities were compiled from parol evidence, record drawings, and surficial evidence located during the field survey. The Surveyor has not physically exposed the subsurface utilities, and makes no guarantee that the subsurface utilities depicted hereon comprise all such utilities within the surveyed area, either in service or abandoned. The Surveyor further does not warrant or guarantee that the subsurface utilities are in the exact location depicted, though they have been plotted, in accordance with the standard of care, from information available.

    The contractor is required to utilize the local utility one call system prior to excavation for the purpose of verifying the subsurface utilities in the area.

Certification

I hereby declare this map to be prepared in accordance with the Code of Practice of the New York State Association of Land Surveyors, adopted October, 1996 and revised through July 18, 1997.

STATE OF NEW YORK · JOHN F. WAGENBLATT · 050547 · LICENSED LAND SURVEYOR

JOHN F. WAGENBLATT, L.S. *Lic. No. 050,547*

GRAPHIC SCALE

30 0 15 30 60 120

(FEET)

1 inch = 30 ft.

Revisions

LRC GROUP

- Land Planning
- Civil Engineering
- Environmental Services
- Land Surveying
- Landscape Architecture

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Cromwell, CT 06416
Tel: 860.635.2877

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Poughkeepsie NY 12601
Tel: 845.243.2800

1 International Blvd, Suite 400
Mahwah, NJ 07495
Tel: 908.600.5710

www.lrcconsult.com

LRC Engineering & Surveying, DPC
LRC Engineering & Surveying, LLC
LRC Environmental Services, Inc.

EXISTING CONDITIONS

VASSAR GATEWAY PROJECT

20-72 VASSAR FARM LANE
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

Design/Calcs	FM/JW	CAD File	EX21283901.dwg	Sheet No.	EX-1
Drawn	RN	Project No.	21–2839		
Checked	JW	Date	2022–10–25		
Approved	JW	Scale	1"=30'		

X:\JOBS\Jobs 2021\21-2839-VIC-Gateway Farm\DWG\EX21283901.dwg 11/7/2022 1:05 PM Bstookey

THE CITY OF POUGHKEEPSIE
NEW YORK
DEVELOPMENT DEPARTMENT
62 CIVIC CENTER PLAZA, 2ND FLOOR
POUGHKEEPSIE, NY 12601
Phone: (845) 451-4010 Fax: (845) 451-4006

MEMORANDUM

To: Vassar College, Applicant

From Natalie Quinn, Development Director

Date: November 2, 2022

Re: 20-72 Vassar Farm Lane PB#2022-049 – SEQR Classification

Upon review of project materials provided by the applicant, including Short EAF Part 1 with attachment and site plan application, it is my understanding that the proposed action to be undertaken includes construction of a surface parking lot (approximately 33,550 square feet) for 40 parking spaces with porous pavement and landscaping at 20-72 Vassar Farm Lane.

Based on the above description it is the determination of the planning division that the proposed action is classified as an Unlisted Action with regards to SEQRA, and therefore is subject to an uncoordinated or coordinated (optional) environmental review. This determination was made due to the fact that the proposed action was not expressly listed in 6 NYCRR Section 617.4 (Type I Actions) or 617.5 (Type II Actions).

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information

Name of Action or Project:
Vassar Gateway Farm

Project Location (describe, and attach a location map):
20-72 Vassar Farm Lane, Poughkeepsie, NY 12603

Brief Description of Proposed Action:
Vassar College proposes to create a porous pavement parking lot, consisting of 40 parking spaces, near the entrance to the Preserve. The college has chosen to install porous pavement to improve water quality and decrease runoff within the watershed although not required as part of this project. The project is intended to reduce vehicle traffic to the interior of the preserve and create a more pedestrian friendly environment. The project will disturb approximately 0.77 acre and therefore no SWPPP is required.

Name of Applicant or Sponsor:	Telephone: 845-437-7000
Vassar College	E-Mail: begemann@vassar.edu

Address:
124 Raymond Avenue

City/PO:	State:	Zip Code:
City of Poughkeepsie	NY	12603

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☐	☑
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: NYSDOT	☐	☑

3. a. Total acreage of the site of the proposed action? 228.4 acres
   b. Total acreage to be physically disturbed? 0.77 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 228.4 acres

4. Check all land uses that occur on, are adjoining or near the proposed action:
   ☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☑ Commercial ☑ Residential (suburban)
   ☐ Forest ☑ Agriculture ☐ Aquatic ☐ Other(Specify):
   ☐ Parkland

	NO	YES	N/A
5. Is the proposed action,			
a. A permitted use under the zoning regulations?	☐	☑	☐
b. Consistent with the adopted comprehensive plan?	☐	☑	☐

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☐	☑

	NO	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		
If Yes, identify: _____	☑	☐

	NO	YES
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☑	☐
b. Are public transportation services available at or near the site of the proposed action?	☐	☑
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	☐	☑

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements?		
If the proposed action will exceed requirements, describe design features and technologies: _____ _____	☐	☑

	NO	YES
10. Will the proposed action connect to an existing public/private water supply?		
If No, describe method for providing potable water: _____ N/A _____	☐	☐

	NO	YES
11. Will the proposed action connect to existing wastewater utilities?		
If No, describe method for providing wastewater treatment: _____ N/A _____	☐	☐

	NO	YES
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	☐	☑
Eligible properties:Residence, Outbuilding, Barn, Rombout House, no eligible properties will be effected by the proposed project.		
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	☑	☐

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☐	☑
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	☑	☐
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____		

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

☐ Shoreline ☐ Forest ☑ Agricultural/grasslands ☐ Early mid-successional

☑ Wetland ☐ Urban ☐ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	☐	☑
16. Is the project site located in the 100-year flood plan? The Indiana Bat per the EAF Mapper and IPac report (See Appendix B & C). No tree clearing is proposed, therefore, they will not be effected.	☐	☑
17. Will the proposed action create storm water discharge, either from point or non-point sources?	☐	☑
If Yes,		
a. Will storm water discharges flow to adjacent properties?	☑	☐
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	☐	☑
If Yes, briefly describe: Proposed porous pavement parking area is a stormwater treatment area		
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)?	NO	YES
If Yes, explain the purpose and size of the impoundment:	☑	☐
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?	NO	YES
If Yes, describe:	☑	☐
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	NO	YES
If Yes, describe:	☑	☐

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor/name: Kenneth F Casamento - As Agent For Applicant Date: 10/25/2022

Signature: Kenneth Casamento Title: Principal

PRINT FORM

ParcelAccess

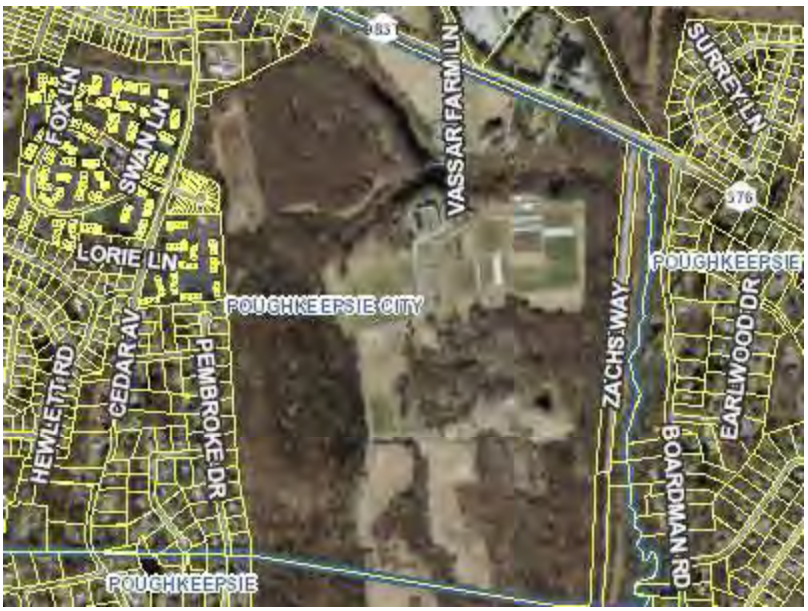
Tentative Roll

Parcel Grid Identification #:
131300-6161-84-910090-0000
Municipality: City of Poughkeepsie

Parcel Location
20-72 Vassar Farm Ln

Owner Name on March 1
Vassar College , *(P)*

Primary *(P)* Owner Mail Address
124 Raymond Ave
PO Box 12
Poughkeepsie NY 126040000



Parcel Details

Size (acres):	228.4 Ac	Land Use Class:	(311) Vacant Land: Residential: Residential Vacant Land
File Map:		Agri. Dist.:	(0)
File Lot #:		School District:	(131300) Poughkeepsie City School District
Split Town			

Assessment Information (Current)

Land:	Total:	County Taxable:	Town Taxable:	School Taxable:	Village Taxable:
$5586000	$5586000	$0	$0	$0	$0

Tax Code:	Roll Section:	Uniform %:	Full Market Value:
N: Non-Homestead	8	100	$ 5586000

Tent. Roll:	Final. Roll:	Valuation:
5/1/2022	7/1/2022	7/1/2021

Last Sale/Transfer

Sales Price:	Sale Date:	Deed Book:	Deed Page:	Sale Condition:	No. Parcels:
$0	0	0281	0032	( )	0

Site Information:
Site Number: 1

Water Supply:	Sewer Type:	Desirability:	Zoning Code:	Used As:
(3) Comm/public	(3) Comm/public	(2) Typical		( )

Exemption Information:
Exemption: 25300

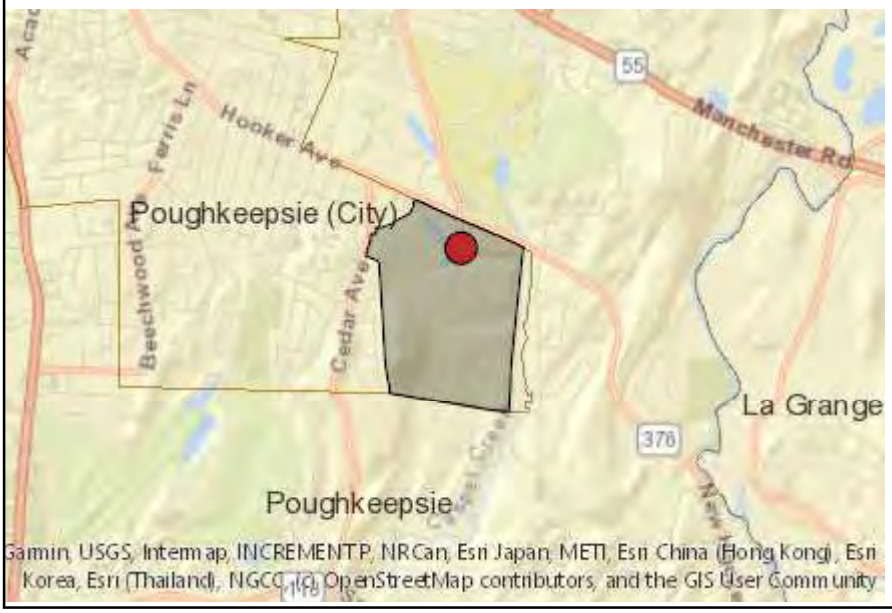
Name:	Amount:
Non Profit Permissive	$5586000

ABSOLUTELY NO ACCURACY OR COMPLETENESS GUARANTEE IS IMPLIED OR INTENDED. ALL INFORMATION ON THIS MAP IS SUBJECT TO CHANGE BASED ON A COMPLETE TITLE SEARCH OR FIELD SURVEY.

This report was produced with ParcelAccess Internet on 5/27/2022. Developed and maintained by OCIS - Dutchess County, NY.

EAF Mapper Summary Report

Wednesday, September 21, 2022 11:27 AM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	Yes
Part 1 / Question 12b [Archeological Sites]	No
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	Yes
Part 1 / Question 15 [Threatened or Endangered Animal - Name]	Indiana Bat
Part 1 / Question 16 [100 Year Flood Plain]	Yes
Part 1 / Question 20 [Remediation Site]	No

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Dutchess County, New York

Local office

New York Ecological Services Field Office

(607) 753-9334
(607) 753-9699

3817 Luker Road
Cortland, NY 13045-9385

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

---

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

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NAME	STATUS
Indiana Bat Myotis sodalis Wherever found There is **final** critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/5949	Endangered

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

NOT FOR CONSULTATION

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

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NAME	BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Dec 1 to Aug 31
Black-billed Cuckoo *Coccyzus erythropthalmus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Blue-winged Warbler *Vermivora pinus* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 1 to Jun 30

Bobolink Dolichonyx oryzivorus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Jul 31
Canada Warbler Cardellina canadensis This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Aug 10
Evening Grosbeak Coccothraustes vespertinus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 15 to Aug 10
Lesser Yellowlegs Tringa flavipes This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Prairie Warbler Dendroica discolor This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Red-headed Woodpecker Melanerpes erythrocephalus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Wood Thrush Hylocichla mustelina This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

NOT FOR CONSULTATION

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

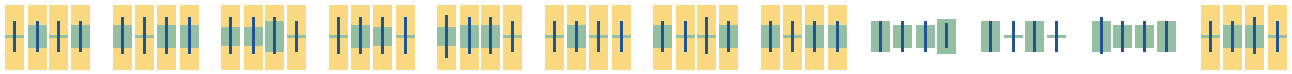
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

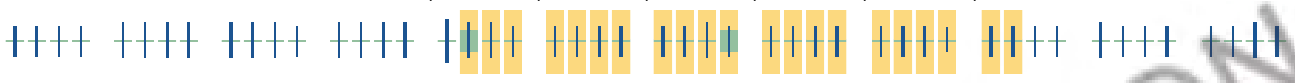
Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

NOT FOR CONSULTATION

Bald Eagle Non-BCC Vulnerable (This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.)

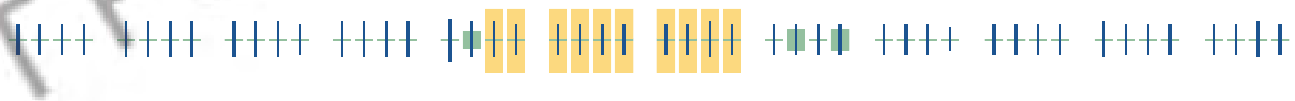


Black-billed Cuckoo BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

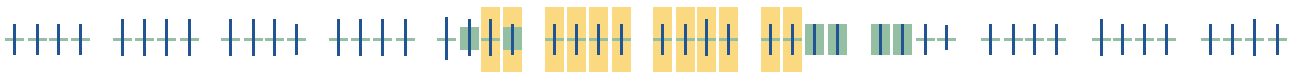


Blue-winged Warbler BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

Bobolink BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

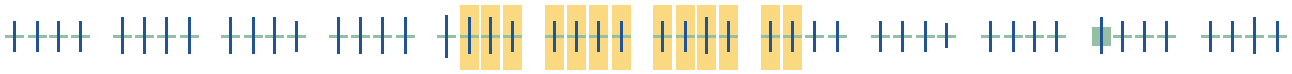


Canada Warbler BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



NOT FOR CONSULTATION

Evening Grosbeak BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Lesser Yellowlegs BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Prairie Warbler BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Red-headed Woodpecker BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Wood Thrush BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

NOT FOR CONSULTATION

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

NOT FOR CONSULTATION

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

NOT FOR CONSULTATION

Coastal Barrier Resources System

Projects within the John H. Chafee Coastal Barrier Resources System (CBRS) may be subject to the restrictions on federal expenditures and financial assistance and the consultation requirements of the Coastal Barrier Resources Act (CBRA) (16 U.S.C. 3501 et seq.). For more information, please contact the local Ecological Services Field Office or visit the CBRA Consultations website. The CBRA website provides tools such as a flow chart to help determine whether consultation is required and a template to facilitate the consultation process.

THERE ARE NO KNOWN COASTAL BARRIERS AT THIS LOCATION.

Data limitations

The CBRS boundaries used in IPaC are representations of the controlling boundaries, which are depicted on the official CBRS maps. The boundaries depicted in this layer are not to be considered authoritative for in/out determinations close to a CBRS boundary (i.e., within the "CBRS Buffer Zone" that appears as a hatched area on either side of the

boundary). For projects that are very close to a CBRS boundary but do not clearly intersect a unit, you may contact the Service for an official determination by following the instructions here: https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation

Data exclusions

CBRS units extend seaward out to either the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS data, therefore projects in the offshore areas of units (e.g., dredging, breakwaters, offshore wind energy or oil and gas projects) may be subject to CBRA even if they do not intersect the CBRS data. For additional information, please contact CBRA@fws.gov.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

FRESHWATER EMERGENT WETLAND

Palustrine

NOT FOR CONSULTATION

RIVERINE

Riverine

A full description for each wetland code can be found at the National Wetlands Inventory website

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

Environmental Resource Mapper

May 27, 2022

1:4,514

0 0.04 0.09 0.17 mi

0 0.05 0.1 0.2 km

Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

NYS Department of Environmental Conservation
Not a legal document

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands

May 27, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Map Scale: 1:3,140 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 45 90 180 270

Feet
0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dutchess County, New York
Survey Area Data: Version 18, Sep 1, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 8, 2020—Oct 14, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Fr	Fredon silt loam	1.7	9.4%
HsA	Hoosic gravelly loam, nearly level	16.4	90.6%
Totals for Area of Interest		**18.1**	**100.0%**

Environmental Resource Mapper

May 27, 2022

1:4,514

0 0.04 0.09 0.17 mi

0 0.05 0.1 0.2 km

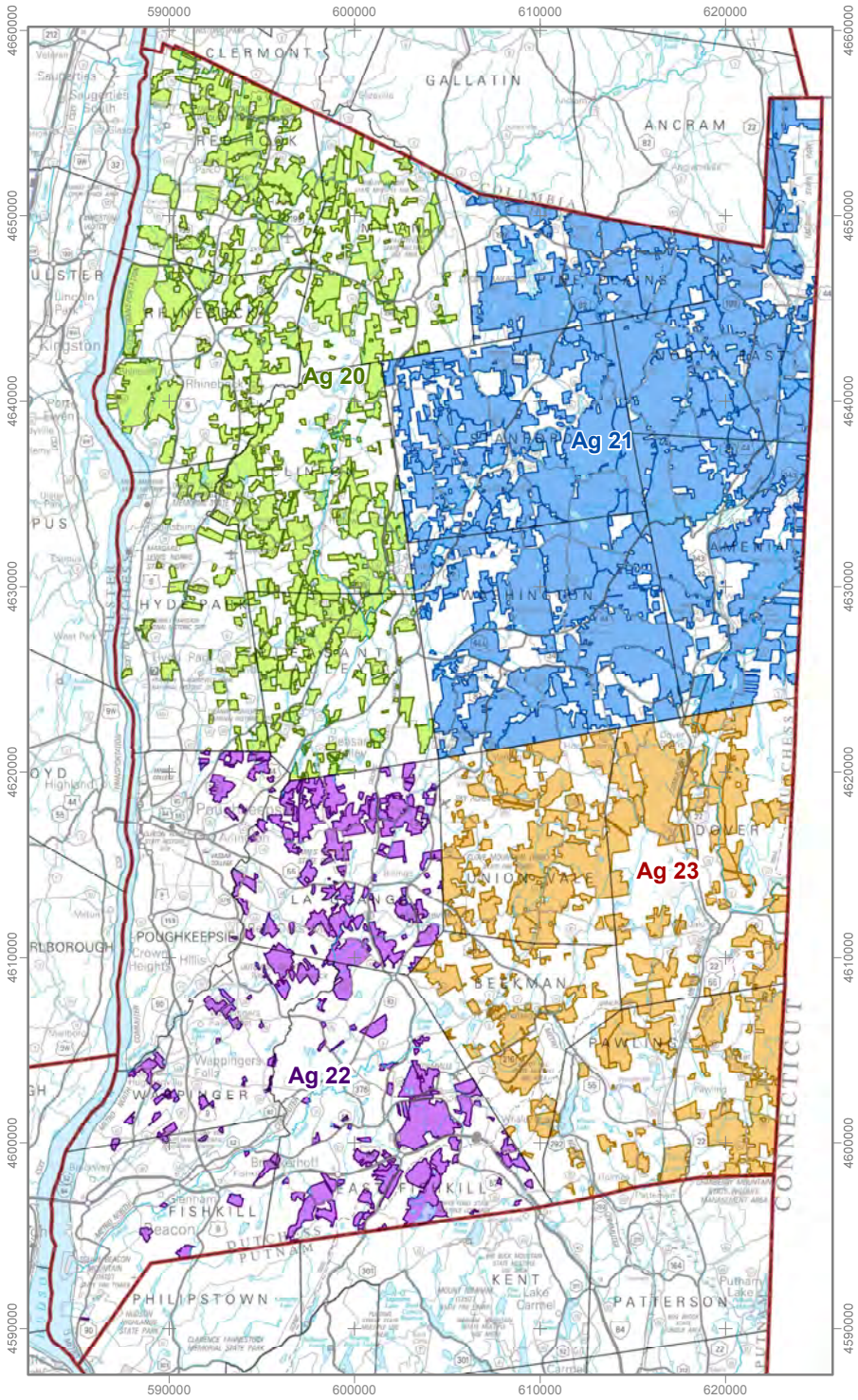
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

NYS Department of Environmental Conservation
Not a legal document

New York State Dept of Agriculture and Markets

DUTCHESS COUNTY

Agricultural Districts 2017



KEY

- Ag. District 20
- Ag. District 21
- Ag. District 22
- Ag. District 23

DISTRICT CERTIFICATIONS and TOWNS

DISTRICT 20
CERTIFIED 6/1/2016

Clinton	Pleasant Valley
Hyde Park	Red Hook
Milan	Rhinebeck

DISTRICT 21
CERTIFIED 6/1/2016

Amenia	Stanford
Northeast	Washington
Pine Plains	

DISTRICT 22
CERTIFIED 6/1/2016

East Fishkill	Poughkeepsie
Fishkill	Wappinger
LaGrange	

DISTRICT 23
CERTIFIED 6/1/2016

Beekman
Dover
Pawling
Unionvale

MAP PROJECTION
UTM Zone 18, NAD83 meters

5 4 3 2 1 0 5 miles
10,000 5,000 0 10,000 meters

MAP SOURCE INFORMATION

Map created at Cornell IRIS (Institute for Resource Information Sciences) <http://iris.css.cornell.edu> for the NYS Department of Agriculture and Markets

Agricultural Districts boundary data is available at CUGIR (Cornell University Geospatial Information Repository) website: <http://cugir.mannlib.cornell.edu>

Base Map: state250_bw.tif 1998
Scale: 1:250,000; County boundaries imported from the file nyshore.e00 from the NYSGIS Clearinghouse website: <http://gis.ny.gov>

Base map contains data copyrighted by the NYS ITS GIS Program.

DISCLAIMER
This is a general reference to Agricultural District boundaries; not a legal substitute for actual tax parcel information.

Boundaries as certified in June 2016

Open Enrollment Annual Additions are not included in this data. Check with county agencies to confirm the status of individual parcels.

CONSTRUCTION COST ESTIMATE

Gateway Farm Vassar

Estimate Based on

Description	Unit	Quantity	Unit Cost	Total Cost	Notes
Erosion and Sedimentation Control				**$ 2,911.03**	
Silt Fence	LF	600	$ 4.00	$ 2,400.00	
Construction Entrance Fabric	SY	66.6	$ 0.50	$ 33.30	
Construction Entrance Stone	CY	11.11	$ 43.00	$ 477.73	
Stormwater Improvements				**$ 42,000.00**	
Porous Pavement Parking Lot	SF	3500	$ 12.00	$ 42,000.00	
Site Work				**$ 27,792.00**	
Pedestrian Sidewalk 5'Wide with stone	LF	3100	$ 5.75	$ 17,825.00	
Stop Bar and stop sign	EA	1	$ 525.00	$ 525.00	
Handicap Parking Striping	EA	1	$ 500.00	$ 500.00	
Parking Striping	LF	200	$ 1.50	$ 300.00	
Landscaping- Seed Mixes	AC	0.83	$ 2,400.00	$ 1,992.00	
Landscaping- Plantings	EA	2	$700.00	$ 1,400.00	
Construction fencing	LF	700	$ 7.50	$ 5,250.00	
Paving				**$ 54,625.00**	
Asphalt Paving	SF	9500	$ 5.75	$ 54,625.00	
1.5" Top/3.5" Base/9" Subbase				$ -	
TOTALS					
Subtotal				$ 127,328.03	
TOTAL				**$ 127,328.03**	

From: Kruk, Mark (DOT) <Mark.Kruk@dot.ny.gov>
Sent: Tuesday, January 3, 2023 10:14 AM
To: Michael Amendola <michael.amendola@collierseng.com>; Gorney, Lance (DOT) <Lance.Gorney@dot.ny.gov>; Brenner, Jason (DOT) <Jason.Brenner@dot.ny.gov>
Cc: Olarte, Deyla (DOT) <Deyla.Olarte@dot.ny.gov>; Rohllf, Jenai L (DOT) <Jenai.Rohllf@dot.ny.gov>
Subject: FW: vassar farm

This message originated from outside your organization

Mike,

I have no objections considering the crosswalk is interim and we will be relocating the driveway.

I've copied Lance and Jason from Permits for their input.

Regards,

Mark Kruk, P.E.
Project Manager

New York State Department of Transportation, Hudson Valley
4 Burnett Boulevard, Poughkeepsie, NY 12603
(845) 431-5749 | mark.kruk@dot.ny.gov
www.dot.ny.gov

From: Michael Amendola <Michael.Amendola@collierseng.com>
Sent: Tuesday, January 3, 2023 10:09 AM
To: Kruk, Mark (DOT) <Mark.Kruk@dot.ny.gov>
Subject: vassar farm

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good morning Mark,

Happy New Year! Hope you had a great holiday season. Thank you for getting us the preliminary plans for the roundabout.

Regarding the Vassar Farm project (plan attached), the city wants to confirm that the DOT conceptually accepts the use the existing crosswalk that the proposed sidewalk is shown to connect to in the interim while we are coordinating the roundabout with you.

Thank you,
Mike

Michael Amendola, I.E.
Project Engineer | Transportation Planning
michael.amendola@collierseng.com
Main: 877 627 3772 | Direct: 914 984 4705
400 Columbus Avenue Suite 180E | Valhalla, New York 10595

colliersengineering.com

Colliers Engineering & Design

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MARCUS J. MOLINARO
COUNTY EXECUTIVE

EOIN WRAFTER, AICP
COMMISSIONER

COUNTY OF DUTCHESS

DEPARTMENT OF PLANNING AND DEVELOPMENT

December 7, 2022

To: Planning Board, City of Poughkeepsie
Re: ZR22-337, Vassar Farm Lane Gateway – Site Plan
Lot: 910090, Vassar Farm Lane and NY Route 376

The Dutchess County Department of Planning and Development has reviewed the subject referral within the framework of General Municipal Law (Article 12B, §239-l/m).

ACTION

The applicant is seeking site plan approval to construct a 40-car parking lot and pedestrian path along Vassar Farm Lane.

COMMENTS

On the SEAF, the applicant states that the purpose of this project is to "reduce vehicle traffic to the interior of the preserve and create a more pedestrian friendly environment." It is unclear why parking isn't provided closer to the multiple destinations that visitors are likely to access, such as the CSA barn and fields, the Environmental Cooperative building, and the open fields that host sports. The project does not include any improvements to the pedestrian experience between the proposed parking lot and these destinations; for example, the crosswalk from the new lot across Rombout House Lane does not connect to anything. Instead, this plan continues to require people to walk down a narrow roadway alongside moving vehicles, traversing downhill and uphill sections before arriving at the core activity area. The applicant may want to consider relocating the additional parking closer to the on-site destinations to improve access and safety for visitors. It is likely that people will first drive into the site to check for parking near their destination, and only backtrack to this overflow lot if they can't find parking closer in, thus increasing, rather than reducing, vehicle traffic into the site.

Regarding the proposed asphalt path, it is unclear why this path connects the parking lot with the intersection at Raymond Avenue. If the intention is for users of the Vassar Farm site to park here, then any new pedestrian path should improve access further into the site. If pedestrians are visiting Vassar Farm from the main campus or surrounding area, they would likely enter the site just west of Vassar Farm Lane and should remain on that side of the road rather than being required to cross the road and follow a somewhat meandering path past the overflow parking lot. In addition, a more environmentally-friendly path material such as compacted stone dust or a permeable pavement, could be considered as an alternative to asphalt.

Portions of this project may conflict with the NYS Department of Transportation's planned roundabout for the intersection of Route 376, Hooker Avenue, and Raymond Avenue. The roundabout project has received funding, design may already be underway, and it is slated for construction in 2024. The applicant should coordinate with the NYS DOT to ensure that this project will be compatible with the design for the roundabout, and that careful thought is given to how pedestrian connections at the intersection will interact with this property.

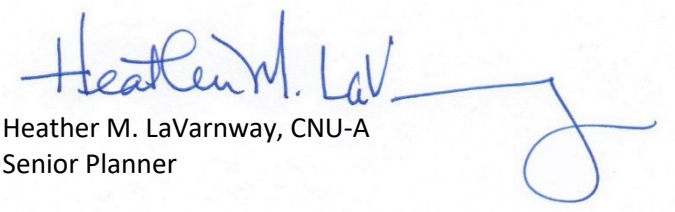
If the parking lot remains as sited, we suggest:

- Incorporating pedestrian infrastructure to improve access and safety for people walking between this parking lot and the interior of the site;
- Reconfiguring the northerly path to more safely and directly connect pedestrians from the north to the interior of the site;
- Including some larger tree rows around the north end of the parking lot to help screen it from the surrounding area, in keeping with the farm aesthetic of the parcel.

RECOMMENDATION

The Department recommends that the Board rely upon its own study of the facts in the case with due consideration of the above comments.

Eoin Wrafter, AICP
Commissioner
By



Heather M. LaVarnway, CNU-A
Senior Planner

Dutchess County Department of Planning and Development

Fax Info Only		
	To	Date #pgs
	Co./Dept.	From
	Fax #	Phone #

239 Planning/Zoning Referral - Exemption Communities

Please Fill in this section

Municipality: **City of Poughkeepsie**

Referring Agency: **Planning Board**

Tax Parcel Numbers(s): **9100900000**

Project Name: **Vassar Farm Lane Gateway**

Applicant: **Vassar College**

Address of Property: **20-72 Vassar Farm Ln, Poughkeepsie, NY 126030000**

**Exempt Actions:*
239 Review is NOT Required**

- Administrative Amendments (fees, procedures, penalties, etc.)
- Special Permits for residential uses (accessory apts, home occupations, etc.)
- Use Variances for residential uses
- Area Variances for residential uses
- Renewals/Extension of Site Plans or Special Permits that have no changes from previous approvals

No Authority to review these Actions

- Subdivisions / Lot Line Adjustments
- Interpretations

☐ Exempt Action submitted for informal review

Actions Requiring 239 Review

- ☐ Comprehensive/Master Plans
- ☐ Zoning Amendments (standards, uses, definitions, district regulations, etc.)
- ☐ Other Local Laws associated with zoning (wetlands, historic preservation, affordable housing, architectural review, etc.)
- ☐ Rezonings involving all map changes
- ☐ Architectural Review
- ☑ Site Plans (all)
- ☐ Special Permits for all non-residential uses
- ☐ Use Variances for all non-residential uses
- ☐ Area Variances for all non-residential uses
- ☐ Other (Describe):

Parcels within 500 feet of:

- ☑ State Road:
- ☐ County Road:
- ☐ State Property (with recreation area or public building)
- ☐ County Property (with recreation area or public building)
- ☑ Municipal Boundary
- ☐ Farm operation in an Agricultural District

Date Response Requested:

Entered By: **Garcia, Lori**

These actions are only exempt in municipalities that signed an intermunicipal agreemment with Dutchess County to that effect.

For County Office Use Only

Response From Dutchess County Department of Planning and Development

No Comments:

- ☐ Matter of Local Concern
- ☐ No Jurisdiction
- ☐ No Authority
- ☐ Withdrawn
- ☐ Incomplete - municipality must resubmit to County
- ☐ Exempt from 239 Review
- ☐ None

Comments Attached:

- ☑ Local Concern with Comments
- ☐ Conditional
- ☐ Denial
- ☐ Incomplete with Comments- municipality must resubmit to County
- ☐ Informal Comments Only (Action Exempt from 239 Review)

Date Submitted: **11/9/2022**	Notes:	☐ Major Project
Date Received: **11/9/2022**		Referral #: **ZR22-337**
Date Requested:		
Date Required: **12/8/2022**	☐ Also mailed hard copy	Reviewer: Heather M. LaV
Date Transmitted: **12/7/2022**		

THE CITY OF POUGHKEEPSIE

DEPARTMENT OF PUBLIC WORKS & ENGINEERING

SITE PLAN REVIEW

Form #2

1. Date: January 9, 2023

2. Name of Site Plan: Vassar Gateway Project

3. Address or Location: 20-72 Vassar Farm Lane

4. Owner: Vassar College

5. Engineer/ Architect: LRC

6. Yes ☒ No ☐ The site plan as forwarded by the Planning Department is acceptable and will be signed off on with no condition(s).

7. Yes ☐ No ☐ The site plan as forwarded by the Planning Department is acceptable and has been signed off on with no condition(s).

8. Yes ☐ No ☐ The applicant should be notified that the Dept. of Public Works/Engineering requires the following comment(s) be addressed:

Joseph A. Chenier
Assistant Civil Engineer, CPESC, CPMSM

THE CITY OF POUGHKEEPSIE
FIRE DEPARTMENT

505 MAIN STREET
POUGHKEEPSIE, NY 12601
TEL: 845-451-4079 FAX: 845-451-4191
FIRE CHIEF JOSEPH FRANCO
JFRANCO@CITYOFPOUGHKEEPSIE.COM

SITE PLAN REVIEW FORM

TO: Planning Board

FROM: Fire Chief Joseph Franco

DATE: January 10th, 2023

ADDRESS: 20-72 Vassar Farm Lane

The site plan is acceptable and will be signed without conditions.

(List conditions here)

Joseph Franco, Fire Chief

1/9/2023
Date

BUILDING DEPARTMENT

CITY OF POUGHKEEPSIE
62 CIVIC CENTER PLAZA, 2ND FLOOR
POUGHKEEPSIE, NY 12601
Phone: (845) 451-4007 Fax: (845) 451-4006

Eric Philipp
Building Inspector

SITE PLAN REVIEW

DATE: 12-14-22

PROJECT ADDRESS: 20-72 Vassar Farm Ln

PROJECT NAME: Vassar College Gateway Farm

OWNER: Vassar College

ENGINEER/ARCHITECT: LRC Engineering

☑ **The site plan is acceptable and will be signed with no conditions.**

☐ **The site plan cannot be approved as submitted. The following comments must be addressed or conditions satisfied:**

_____

_____

_____

_____

_____

_____

Eric Philipp
Building Inspector

CITY OF POUGHKEEPSIE POLICE DEPARTMENT

SITE PLAN REVIEW

DATE: 11/28/2022

PROJECT NAME: Vassar College Gateway Farm

PROJECT ADDRESS: Vassar College Gateway Farm

☒ **THE SITE PLAN IS ACCEPTABLE AND WILL BE SIGNED WITH NO CONDITIONS**

☐ **THE SITE PLAN IS UNACCEPTABLE.**

CONDITIONS:

APPROVED BY CHIEF THOMAS PAPE OR AGENT:	DATE:
Sgt E. A #112 SGT. E. ACKEN #112	11/28/2022

RECEIVED
NOV 17 2022

APPLICATION TO THE PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK

Application for Site Plan, Special Permit & Facade Approval

OFFICE USE ONLY
CODE: PLSF
ID # PB2022-053
FEE: _____
Total, from:
$500, plus
$_____
($150 per 1000 square feet of floor area), plus
$_____
($35 per number of required parking spaces), plus
$_____
($500 for special permit, if applicable)

PAID
NOV 17 2022
*fee waived
Pd w/ Sign Permit Fees ✓ 14733 9/22/22

I. **PROPERTY ADDRESS:** 45 Reade Place

II. **PROPERTY OWNER:** Vassar Brothers Hospital
ADDRESS: 54 Paige Park Drive
Poughkeepsie
NY 12540 (state and zip code)
PHONE NUMBER: 845-554-1708 (include area code)

III. **NAME OF APPLICANT:** Michael Zolnik
ADDRESS: 100 Reserve Road
Danbury
CT 06810 (state and zip code)
PHONE NUMBER: 845-554-1708 (include area code)
EMAIL ADDRESS: tracey@expeditethediehl.com

(If applicant is NOT the owner, proof of owner's consent to the application MUST be provided.)

IV. **CONSULTANT:** Tracey Diehl
ADDRESS: 6487 Hiliard Drive
Canal Winchester
OH 43110 (state and zip code)
PHONE NUMBER: 614-828-8215 (include area code)

V. **PROPOSED USE or FAÇADE CHANGE** (Summarize proposed use or uses): Site Plan Approval for all wayfinding signs on hospital campus per plans attached.

VI. **ZONING DISTRICT:** HM

(Proceed to XVII for special permit & façade approval only)

Revised January 2018: Previous Editions Obsolete

PROJECT INFORMATION

New construction: N/A (yes) _____ (no)

Change of use: N/A (yes) _____ (no)

Expansion/addition: N/A (yes) _____ (no)

Alteration: N/A (yes) _____ (no)

Cost of Construction: $ N/A

LOT AND BULK INFORMATION:

Lot area: 21.22 (acres) _____ (square feet)

Building Footprint: N/A (proposed square feet for new construction)

N/A (existing square feet for change of use/expansion)

N/A (additional proposed square feet for expansion)

N/A (total building footprint, square feet)

Lot Coverage: N/A (percentage, building coverage only)

Gross Floor Area: N/A (proposed square feet for new construction)

N/A (existing square feet for change of use/expansion)

N/A (additional proposed square feet for expansion)

N/A (total gross floor area, square feet)

Building Height: N/A (stories) N/A (feet)

Floor Area Ratio: N/A (ratio of gross floor area divided by lot area)

VIII. PROJECT PARKING INFORMATION

A) Number of Off-Street Parking Spaces required: N/A

B) Number of Off-Street Parking Spaces provided: N/A

C) Waiver Requested: N/A (Yes) N/A (No)

Is municipal parking available within 600 feet? N/A (Yes) N/A (No)

If yes, name all such municipal facilities: N/A

(If a waiver is requested based on proximity to municipal facilities, a written request for such waiver, addressed to the City Planning Staff and the Chairman of the Planning Board, must be submitted with the application.)

If a private parking facility is to be utilized, is such facility within 600 feet?

N/A (Yes) N/A (No)

If yes, provide the address of the facility, name of the property owner, number of spaces in the lot, number of spaces available for lease, and length of lease. Attach copy of lease. Additional information may be required by the Planning Board): N/A

IX. RESIDENTIAL PROPOSALS

A) Type of Development: N/A
(Townhouse, condominium, multiple residence rental, etc.)

B) Unit Breakdown:

Number of efficiency or "studio" units: N/A

Number of one (1) bedroom units: N/A

Number of two (2) bedroom unit's N/A

Number with three or more bedrooms: N/A

Total number of units: N/A

C) Is funding public? N/A Yes N/A No

If yes, describe funding source: N/A

X. OFFICE PROPOSALS (N/A Medical/Dental N/A Professional N/A Business)

A) Number of Employees: N/A

B) Number of doctors/dentists/medical practitioners: N/A

C) Days/Hours of Operation: N/A

XI. SERVICE BUSINESS PROPOSALS

A) Specify Business: N/A
(e.g., laundromat, drycleaner, beauty parlor, travel agency, banks)

B) Number of Employees: N/A

C) Number of Washing Machines (for laundromat): N/A

D) Days/Hours of Operation: N/A

XII. MERCANTILE PROPOSALS (Retail N/A Wholesale N/A)

A) Type of Mercantile (specify): N/A

B) Number of Employees: N/A

C) Days/Hours of Operation: N/A

XIII. STANDARD RESTAURANT/FAST FOOD RESTAURANT/COFFEE SHOP/DONUT SHOP/NIGHTCLUB/DISCOTHEQUE/BAR PROPOSALS

A) Specify Use: N/A

B) Number of seats (excluding bar stools and outdoor seating): N/A

C) Meals served (i.e., breakfast, lunch, dinner): N/A

D) Type of Menu: N/A

E) Days/Hours of Operation: N/A

F) Entertainment (live and/or recorded): N/A

G) Will the restaurant contain a bar/lounge?: N/A Yes N/A No

H) If yes, how many seats at the bar? N/A

I) Is a drive-through window proposed? N/A

J) Is a walk-up window proposed? N/A

K) Is an outdoor seating area proposed? N/A

L) If yes, how many seats are proposed? N/A

M) If yes, is outdoor cooking proposed? N/A

XIV. INDUSTRIAL/COMMERCIAL PROPOSALS (Automobile repair, taxi, motor vehicle sales, warehouse, manufacturing, animal hospital, research facilities, etc.)

A) Specify Use: N/A

B) Number of shifts (if any): N/A

C) Number of employees: N/A
(If shifts are proposed, list number of employees per shift)

E) Number of work bays (if automobile repair): N/A

F) Days/Hours of operation: N/A

XV. EDUCATIONAL/INSTITUTIONAL/RECREATIONAL PROPOSALS (e.g., Museums, Theatres, Conference Centers, Hotels, Motels, Hospitals, Nursing Homes, Assisted Living Facilities, Nursery Schools, Private Schools, Day Care Centers, Places of Worship, Marinas, Membership Clubs, etc.)

A) Specify: HOSPITAL CAMPUS

B) Number of shifts (if any): 7A-3P, 3P-11P, 11P-7A, 7A-7P, 7P-7A

C) Number of employees: 2500, MAJORITY WORKS 7A-3P, 3P-11A
(If shifts are proposed, list number of employees per shift)

D) Number of beds (hospitals, nursing homes, etc): 350

E) Number of seats in largest assembly space: 100 IN CONFERENCE CENTER

F) Number of classrooms (schools): N/A

G) Number of rental units (hotels, motels, etc.) N/A

H) Number of boat slips/courts (e.g., tennis, handball, etc.), alleys: N/A

I) Days/Hours of Operation: 24 HOURS PER DAY 7 DAYS PER WEEK 365 DAYS

XVI. PROPOSALS NOT MENTIONED ABOVE (Please be specific):

FULLY OPERATIONAL HOSPITAL CAMPUS WITH MULTIPLE BUILDINGS, LARGE FACILITY PARKING, WAYFINDING FOR HOSPITAL CAMPUS

XVII. APPLICANT CERTIFICATION

I, TRACEY DIEHL, certify that the this application has addressed the objectives outlined in the Zoning Ordinance with consideration given to the public health, safety and welfare; the comfort and convenience of the public in general or the residents or users of the proposed development and of the immediate neighborhood.

The applicant certifies that all information contained herein is accurate and complete as of the date of this application.

Tracey Diehl

Signature of Applicant

11/10/2022

Date

Revised January 2018: Previous Editions Obsolete

Waiver is hereby requested to the following items from the check list.

Section (a)

1. Name and address of the owner of record.

- This is on the plan "Vassar Brothers" however it's not clearly stated that they are the legal owner

4. Names of owners of adjoining properties.

- The parcel numbers are on the plans. This is a multi-property hospital campus.

5. A statement indicating the financial capability of the applicant to carry out this proposed

Development

- This submission is related to signage and wayfinding signage. The hospital development has already been built.

Section (c)

6. The locations and owners of all adjoining lands as shown on the latest tax records. (While parcel numbers are on the plans, it does not state who the legal owner is)

- The parcel numbers are on the plans. This is a multi-property hospital campus.

7. The locations, names and existing widths of adjacent streets and curb lines. (streets do not appear in full)

- The plan is sufficient for this type of development, this proposal is only related to signage for wayfinding.

10. Existing zoning.

- The property is zoned HC

Section (d)

3. The location, direction, power and time of use for any outdoor lighting or public address

Systems

- This is a 24 hour operational hospital campus all lighting would be photo cell controlled dusk til dawn.

8. Location of any fire alarm boxes and/or connections to the city fire alarm system.

- This is not relevant to the scope of work for wayfinding signage.

9. An outline of any proposed easements, deed restrictions or covenants and a notation of any

areas to be dedicated to a public agency.

- This is a fully developed hospital campus and these restrictions would not have an impact on wayfinding signage if present.

10. Any contemplated public improvements on or adjoining the property.

- This is not relevant to signage within the hospital campus.

13. Indication of how the site plan has considered energy consumption in the siting and layout of buildings and in proposed building services (heat, lighting, air conditioning, etc.).

- This plan is for the signage only and this is not relevant to the use of wayfinding signage.

16. The following note must be added on all site plans where existing trees are to be retained: "Prior to the start of construction or excavation, trees to be retained shall be protected by silt fence, snow fence, construction fence, or equal, which will be placed at the drip line or several feet beyond. However, the fencing shall not cross public sidewalks. No storage or stockpiling of construction materials, debris or equipment shall occur within the fenced area." In addition to the note, the location of the fencing must be shown on the site or landscape plan. Where proximity to a building, driveway, parking area, or construction roadway prevents installation of fencing at the drip line, modification of the fence position shall be shown on the plan and shall be subject to the approval of the Planning Board. Field modification of the fence position may be granted by the Building Inspector/Zoning Administrator or Deputy Building Inspector

- Trees will not be altered or removed for the purposes of implementing wayfinding signage.

Stratus™

stratusunlimited.com
888.503.1569

LOCATION NUMBER:

8023

SITE ADDRESS:

VBMC Campus Wayfinding
Poughkeepsie, NY

View in Google Maps

Bed Tower Traffic Directionals:
Signs E01 - E04

Legacy Hospital Letterset and Traffic Directionals:
Signs E05 - E33

Bed Tower lettersets:
Signs E34 - E35

1 Columbia St Building Signage:
Signs E36 - E51

Nuvance Health

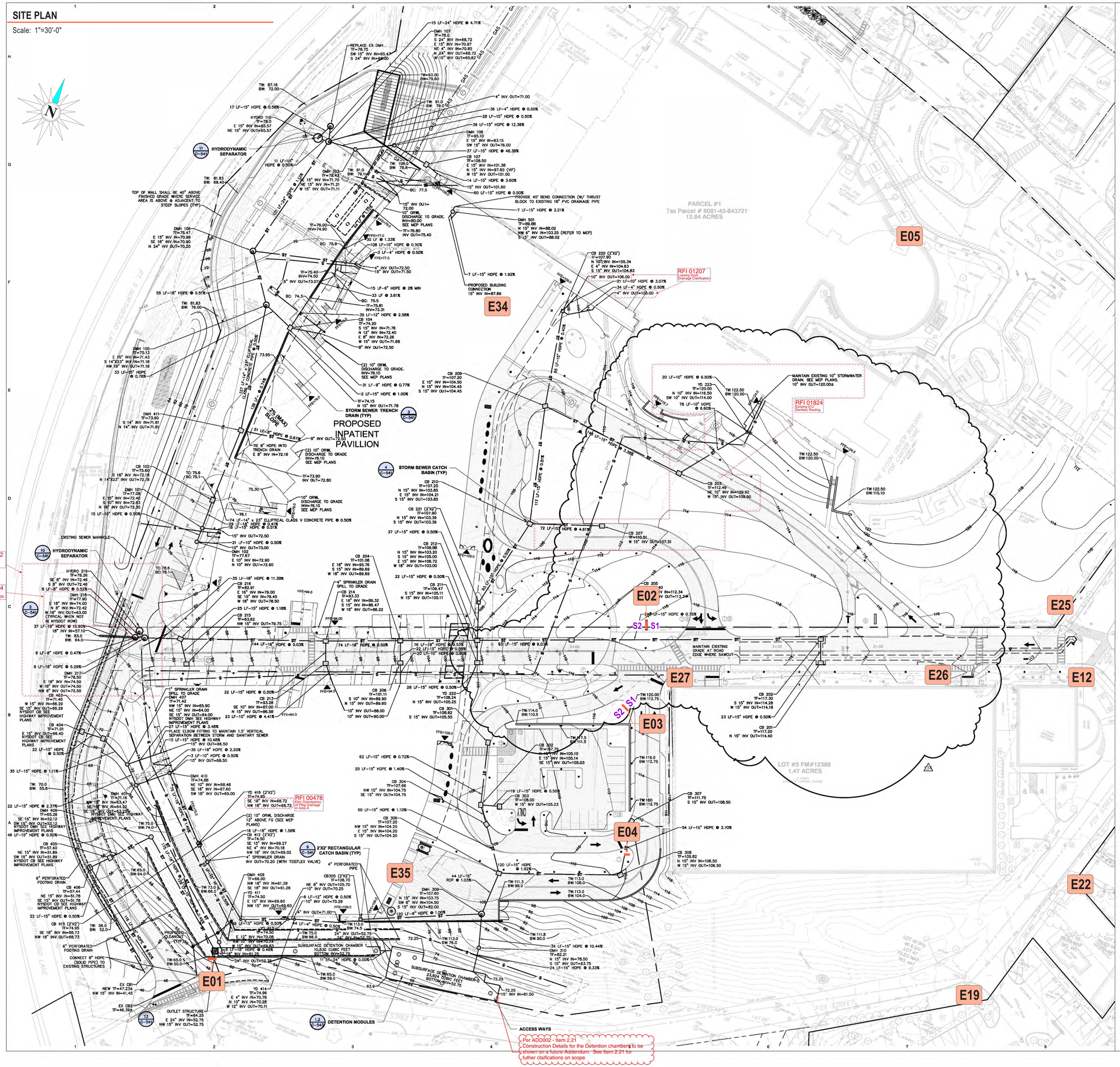
SITE PLAN

Scale: not to scale

Updated sign numbers

SITE PLAN

Scale: 1"=30'-0"



GRADING NOTES:

1. ALL SPOT ELEVATIONS ARE SHOWN AT BOTTOM OF CURB UNLESS OTHERWISE DENOTED. REFER TO SITE PLAN FOR PHYSICAL SURFACE FEATURES AS THEY RELATE TO GRADING. PRIOR TO SITE DISTURBANCE, CONTRACTOR TO INSTALL EROSION & SEDIMENT CONTROL MEASURES.
2. STRIP ALL TOPSOIL PRIOR TO COMMENCING EARTHWORK OPERATIONS. TOPSOIL MAY BE STORED AND REUSED IN LAWN AND PLANTING AREAS ONLY. TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE TO REMAIN GREEN.
3. BOX ALL TREES AND HOUSE ALL SHRUBS AND HEDGES BEFORE PLACING EARTH AGAINST OR NEAR THEM. ORNAMENTAL TREES, SHRUBS AND HEDGES WHICH MUST BE REMOVED DURING CONSTRUCTION SHALL BE HEALED IN AND RE-PLANTED IN AS GOOD A CONDITION AS THEY WERE BEFORE THEIR REMOVAL. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. ALL EARTHWORK SHALL BE SMOOTHLY AND EVENLY BLENDED INTO EXISTING CONDITIONS. NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE BOUNDARIES OF ANY EASEMENT OR PROPERTY LINE.
5. REMOVE ALL VEGETATION, TREES, STUMPS, GRASSES, ORGANIC SOILS, DEBRIS AND DELETERIOUS MATERIALS WITHIN THE AREAS SLATED FOR CONSTRUCTION.
6. IN ACCORDANCE WITH THE 2010 BCNYS, SECTION 1704.7, THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR TO PROVIDE SPECIAL INSPECTIONS AND VERIFICATION OF EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT, AND LOAD-BEARING CAPACITY AT EACH STRUCTURE AS OUTLINED IN TABLE 1704.7 REQUIRED VERIFICATION AND INSPECTION OF SOILS. DURING FILL PLACEMENT, THE SPECIAL INSPECTOR SHALL DETERMINE THAT PROPER MATERIALS AND PROCEDURES ARE USED IN ACCORDANCE WITH THE PROVISIONS OF THIS GEOTECHNICAL REPORT, AND AS SO SPECIFIED IN RELATED CONSTRUCTION DOCUMENTS.
7. ALL FILL MATERIAL AND PLACEMENT ON SITE, SHALL BE IN ACCORDANCE WITH GEOTECHNICAL REPORT AND EARTHWORK SPECIFICATIONS UNLESS NOTED OTHERWISE. GRANULAR FILL SHALL BE PLACED UP TO SUBGRADE SURFACE ELEVATION BENEATH PAVEMENT AND WALLS.

ROCK BLASTING NOTES:

1. BLASTING OF BEDROCK IS ANTICIPATED AT THIS SITE IN ORDER TO COMPLETE THE PROPOSED DEVELOPMENT. CONTRACTOR RESPONSIBLE FOR THE FOLLOWING
   1.1. SUBMITTAL OF A BLASTING MANAGEMENT PLAN, TO CITY OF POUGHKEEPSIE AND NYSDOT IN ACCORDANCE WITH NYSDOT GEM-22 REVISED 8/4,
   1.2. NOTIFICATION TO PROPERTY OWNERS WITHIN 400 FEET OF THE SITE PROPERTY LINES,
   1.3. IMPLEMENTING PRE-BLAST SURVEY PROCEDURES,
   1.4. COMPLIANCE WITH BLASTER'S LICENSE (NYS DEPARTMENT OF LABOR ISSUED BLASTER CERTIFICATE OF COMPETENCE AND EXPLOSIVE LICENSE) AND INSURANCE REQUIREMENTS,
   1.5. LIMITING HOURS OF BLASTING, AND,
   1.6. COVERING BLASTS.
   1.7. PROVIDING REQUIRED BONDING BY THE CITY OF POUGHKEEPSIE.
   1.8. PROVIDING REQUIRED CASH ESCROW ACCOUNTS REQUIRED BY THE CITY OF POUGHKEEPSIE TO RECOVER SMALL CLAIMS OR TO PERMIT ACCELERATED RECOVERY FUNDS NOT EXCEEDING $25,000 THAT ARE CUMBERSOME TO PURSUE WITH INSURANCE ADJUSTERS AND OTHER RECOVERY MECHANISMS.
   1.9. PROVIDE PRE-BLAST INSPECTION AND VIDEO PROGRAM FOR BUILDINGS AND DWELLINGS WITHIN 300-FEET OF THE BLASTING RADIUS.
   1.10. PROVIDE CITY OF POUGHKEEPSIE CASH ESCROW ACCOUNT OF $250,000 TO REPAIR POTENTIAL DAMAGE TO CITY'S SEWER TRUNK LINE IN VICINITY OF PROJECT AREA. CONTRACTOR RESPONSIBLE FOR PROVIDING VIDEO INSPECTION OF CITY'S SANITARY TRUNK LINE IN VICINITY OF PROJECT AREA PRIOR TO AND AFTER BLASTING TO CONFIRM ABSENCE OF OR RESULTING DAMAGE FROM BLASTING OPERATION.
2. ALL RECOMMENDED SAFETY REQUIREMENTS AND STANDARDS REFERENCED AND ANY LOCAL RESTRICTIONS SHALL BE APPLIED AS REQUIRED FOR SAFETY, SECURITY, AND SPECIFICALLY RELATED DETAILS FOR BLASTING PROCEDURES. AT ALL TIMES, FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES WILL BE FOLLOWED CONCERNING THE TRANSPORTATION AND STORAGE OF EXPLOSIVES.
3. A MINIMUM OF FOUR (4) WEEKS PRIOR TO COMMENCEMENT OF THE INITIAL BLASTING OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES AS APPROPRIATE: POLICE AGENCIES, GAS AND ELECTRIC SERVICE COMPANIES, TELEPHONE AND CABLE OPERATING COMPANIES, CITY WATER AND SEWER DEPARTMENTS, NYSDOT, AND LOCAL FIRE, RESCUE, AND AMBULANCE SERVICES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE RESULTING FROM THE USE OF EXPLOSIVES. EXPLOSIVES SHALL BE STORED IN A SECURE MANNER IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES.
5. THE CONTRACTOR SHALL NOTIFY EACH PROPERTY AND UTILITY OWNER HAVING A BUILDING, STRUCTURE, OR OTHER INSTALLATION ABOVE OR BELOW GROUND IN PROXIMITY TO THE SITE OF THE WORK OF HIS INTENTION TO USE EXPLOSIVES. NOTICE SHALL BE GIVEN SUFFICIENTLY IN ADVANCE TO ENABLE THE OWNERS TO TAKE STEPS TO PROTECT THEIR PROPERTY. NOTICE SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DAMAGE RESULTING FROM THEIR BLASTING OPERATIONS. BLASTING GENERATED AIR WAVES SHALL BE IN ACCORDANCE WITH NYS DEPARTMENT OF LABOR (12 NYCRR61) LIMITS FOR AIR BLAST LEVELS AT BUILDINGS IN THE VICINITY OF BLASTING OPERATION.
6. THE CONTRACTOR SHALL SCHEDULE AND CONDUCT PRE-BLAST SURVEYS WITH PROPERTY OWNERS LOCATED IN THE AREA POTENTIALLY AFFECTED BY AIRBLAST OVERPRESSURE AND GROUND VIBRATION OR AS REQUIRED.
7. THE CONTRACTOR SHALL IMPLEMENT ENGINEERING MEASURES IN ORDER TO MINIMIZE THE POTENTIAL IMPACTS OF DUST, NOISE AND GROUND VIBRATION. BLAST VIBRATION CONTROL WILL BE ACHIEVED BY LIMITING THE CHARGE PER DELAY SO THAT THE PEAK PARTICLE VELOCITY REMAINS BELOW THE SPECIFIED LEVELS.
8. AN APPROPRIATELY QUALIFIED, LICENSED, BLASTING SPECIALIST WITH EXPERIENCE, SHALL BE ONSITE AND SUPERVISE BLASTING OPERATIONS. AT ALL TIMES, THE BLASTING AREA SHALL BE RESTRICTED TO BLASTING OPERATIONS AND AUTHORIZED PERSONNEL ONLY.
9. PROTECTIVE MEASURES INCLUDING INSTALLATION OF SIGNAGE, NOTIFICATION OF NEARBY RESIDENTS, TRAFFIC CONTROL AS NECESSARY ALONG NEARBY ROADS, AUDIBLE PRE-BLAST WARNINGS, AND USE OF BLAST MATS SHALL BE IMPLEMENTED.
10. DELIVERY AND TRANSPORT OF EXPLOSIVES FROM THE POWDER MAGAZINES TO THE BLAST AREA WILL BE BY VEHICLES SPECIFICALLY DESIGNED FOR THIS USE BY THE CRITERIA OUTLINED IN THE SAFETY REQUIREMENTS. ONLY AUTHORIZED PERSONS WILL TRANSPORT AND HANDLE THE EXPLOSIVES AS DESIGNATED BY THE AUTHORITY OF THOSE LICENSES FOR THIS PURPOSE.
11. MONITORING OF PEAK PARTICLE VELOCITY (INCHES/SECOND) AND PEAK AIRBLAST OVERPRESSURE (PSI) SHALL BE PERFORMED DURING ALL BLASTS.
12. CONTRACTOR SHALL PROVIDE NOTICES WITH REGARD TO BLASTING AND OFFERING PRE-BLAST SURVEYS AND MONITORING TO ADJACENT PROPERTY OWNERS WITHIN 400-FEET OF THE PARCEL BOUNDS.
13. CITY OF POUGHKEEPSIE WILL RELEASE CASH ESCROW FOR SANITARY SEWER ONCE VIDEO INSPECTION CONFIRMS NO DAMAGE TO TRUNK LINE OR IF DAMAGE IS DETERMINE, REMAINING CASH ESCROW WILL BE RELEASED FOLLOWING MITIGATION OF DAMAGED LINE.
14. ALL BLASTING SHALL BE CONDUCTED SO THAT THE NOXIOUS GASES GENERATED BY THE BLAST DO NOT AFFECT THE HEALTH AND SAFETY OF INDIVIDUALS. WHEN SITE CONDITIONS AND BLASTING PROCEDURES INDICATE THAT THERE IS THE POTENTIAL FOR THE MIGRATION AND ACCUMULATION OF GASES, THE CONTRACTOR SHOULD SPECIFY INFORMATION COLLECTION ACTIVITIES, MODIFICATION OF BLASTING PROCEDURES, AND AN ACTION PLAN IN THE EVENT OF A HIGH READING OR ALARM.
15. DUE TO THE PRESENCE OF CITY OF POUGHKEEPSIE SANITARY TRUNK LINE IN THE VICINITY OF PROJECT AREA AND POTENTIAL DAMAGE FROM BLASTING OPERATIONS, THE CONTRACTOR SHALL HAVE ON-SITE AT ALL TIMES THROUGHOUT THE COURSE OF THE BLASTING OPERATIONS A SANITARY SEWER EFFLUENT PUMP, GENERATOR AND HOSING TO ACCOMMODATE THE PUMP FLOWS AND PRESSURE (UP TO 900-FEET) FOR PUMP AROUND OPERATIONS. THE PUMP SHALL BE ABLE TO CONVEY THE FLOW AT ALL TIMES WITHIN THE CITY'S 33-INCH DIAMETER CONCRETE PIPE. PUMP SIZE TO BE APPROVED BY CITY BASED UPON FLOW MONITORING BY GENERAL CONTRACTOR FOR UP TO 4 WEEKS. CONTRACTOR RESPONSIBLE FOR PROVIDING OVERSIGHT OF THE PUMPING OPERATION UNTIL THE TRUNK LINE IS REPAIRED TO THE SATISFACTION OF THE CITY OF POUGHKEEPSIE AND DUTCHESS COUNTY DEPARTMENT OF HEALTH.

ADDITIONAL PROTECTIVE MEASURES FOR ROCK REMOVAL:

1. THE ON-SITE STORAGE OF EXPLOSIVE MATERIALS IS PROHIBITED
2. DURING TRANSPORTATION OF BLASTING MATERIALS TO AND FROM THE PROJECT SITE, CAPS OR OTHER DETONATING DEVICES WILL NOT BE STORED WITH CLASS A EXPLOSIVES. DESIGN OF THE POWDER MAGAZINES WOULD BE IN ACCORDANCE WITH THE REFERENCES ABOVE. THE SECURITY FOR EXPLOSIVES AND BLASTING MATERIALS WILL BE IN ACCORDANCE WITH SAFETY REQUIREMENTS OF THE BLASTING ENGINEER.
3. DELIVERY AND TRANSPORTATION OF EXPLOSIVES FROM THE POWDER MAGAZINES TO THE BLAST AREA WILL BE IN VEHICLES SPECIFICALLY DESIGNED FOR THIS USE BY THE CRITERIA OUTLINED IN THE SAFETY REQUIREMENTS. ONLY AUTHORIZED PERSONS WOULD TRANSPORT AND HANDLE THE EXPLOSIVES AS DESIGNATED BY THE AUTHORITY BY THOSE LICENSES FOR THIS PURPOSE. AT ALL TIMES FEDERAL, STATE, AND LOCAL ORDINANCES WOULD BE FOLLOWED CONCERNING THE TRANSPORTATION AND STORAGE OF EXPLOSIVES.
4. PRIOR TO ANY BLASTING ACTIVITIES, A PRE-BLAST SURVEY WILL BE CONDUCTED OF ALL STRUCTURES ADJACENT TO OR ACROSS THE STREET WITHIN A SET RADIUS FROM THE BLAST SITE,SUCH RADIUS TO BE SET TO THE SATISFACTION OF THE CITY BUILDING INSPECTOR AND ENGINEER. THE PRE-BLAST SURVEYS WILL INCLUDE INSPECTION AND DOCUMENTATION OF THE EXISTING CONDITIONS BY MEANS OF VERBAL DICTATION,VIDEO AND/OR PHOTOGRAPHS AS PERMITTED BY THE AFFECTED HOMEOWNERS.
5. THE DESIGNATED STORAGE SITE, EXPLOSIVE TRANSPORTING VEHICLES, AND AREAS WHERE EXPLOSIVES ARE BEING USED SHALL BE CLEARLY MARKED AND WILL DISPLAY THE REQUIRED WARNING SIGNS. A GUARD SHALL BE ON DUTY OF ALL EXPLOSIVES DELIVERED, USED, AND STORED WILL BE MAINTAINED.
6. NO PERSON SHALL BE AUTHORIZED TO CONDUCT BLASTING OPERATIONS BEFORE THE HOUR OF 8:00AM AND AFTER 5:00PM NOT AT ANY TIME ON SATURDAY, SUNDAY, OR HOLIDAYS, EXCEPT IN THE CASE OF EMERGENCY OR NECESSITY, AND THEN ONLY WITH THE PERMISSION OF THE CITY BUILDING INSPECTOR.
7. PRIOR TO FIRING, BLAST MATTING OF SUFFICIENT SIZE, WEIGHT, AND STRENGTH, AS DETERMINED BY THE BLASTING CONTRACTOR, SHALL BE INSTALLED AS REQUIRED TO PREVENT THE ESCAPE OF BROKEN ROCK OR OTHER MATERIALS IN MANNER LIABLE TO CAUSE INJURY OR DAMAGE TO PERSONS OR PROPERTY.
8. THE BLASTING CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE OR INJURY TO ANY PERSONS, PROPERTY OR STRUCTURES AS A RESULT HIS HANDLING, STORAGE, AND USE OF EXPLOSIVES.
9. THE MINIMUM BLAST CHARGE AND DELAYS WILL BE USED TO ACCOMPLISH THE WORK.
10. APPROPRIATE SIGNS WILL BE ERECTED IN THE AREA OF BLASTING ACTIVITIES.
11. ALL ADJOINING PROPERTY OWNERS WITHIN A RADIUS APPROVED BY THE CITY ENGINEER AND BUILDING INSPECTOR WILL BE MAILED NOTIFICATION OF THE ANTICIPATED BLASTING SCHEDULE IN A FORM APPROVED BY THE CITY'S CONSULTANTS.
12. A STORM ALERT MONITORING DEVICE WILL BE USED BY THE BLASTING CONTRACTOR TO DETECT ANY ELECTRICAL BUILDUP IN THE ATMOSPHERE AT THE BLAST AREA WHILE USING ELECTRICAL DETONATORS.
13. VEHICLES EQUIPPED WITH RADIO TRANSMITTERS AND PORTABLE TWO WAY RADIOS WILL NOT BE PERMITTED WITHIN 250 FEET OF BLASTING OPERATIONS.

GRADING & DRAINAGE LEGEND:

- PROPOSED PROPERTY LINE
- PROPOSED BUILDING
- PROPOSED PAVEMENT
- XXX PROPOSED 10 FT CONTOUR
- XXX PROPOSED 2 FT CONTOUR
- XXX.X PROPOSED SPOT GRADE
- PROPOSED TREE LINE
- PROPOSED SHRUB LINE
- PROPOSED DRAINAGE SWALE
- PROPOSED WORK LIMIT LINE
- DECORATIVE WALL
- RETAINING WALL

ABBREVIATIONS:

TF	TOP OF FRAME
T/	TOP OF
HP	HIGH POINT
LP	LOW POINT
TC	TOP OF CURB
BC	BOTTOM OF CURB
INV	INVERT

0 1" 2" ORIGINAL SCALE IN INCHES 1"=30'

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RFI 00422 Grading Along Retaining Wall
RFI 00466 Pipe/Utility Drainage Conflicts
RFI 00017 Rock Removal Clarification
ASI 020 Outlet Sewer & Drainage Area Modified 04.25.17
PR 038 Sewer & Drainage Area Modification w/Sidewalk Plan 07.21.17
RFI 00211 Drawing Dtl Revision 02.07.17
ASI 003 Outlet Control Structure 02.07.17
RFI 02165 Traffic Road Design

RFI 00198 Elevs Required RW3 & RW2

RTKL®

AN ARCADIS COMPANY

RTKL NEW YORK ARCHITECTURE AND ENGINEERING P.C.
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CHICAGO, ILLINOIS 60604
T: (312) 542-9900
WWW.RTKL.COM
PROJECT NUMBER: 30-140041.00
CON NUMBER: 151204

CONSULTANT

THE Chazen COMPANIES
Proud to be Employee Owned
Engineers/Surveyors
Planners
Environmental & Safety Professionals
Landscape Architects

PROJECT

VASSAR BROTHERS MEDICAL CENTER EXPANSION

CLIENT

Health Quest
1351 Route 55
LaGrangeville, New York, 12540

PROJECT ADDRESS

45 Reade Place
Poughkeepsie, New York, 12601

VASSAR BROTHERS MEDICAL CENTER
Health Quest Affiliate

ISSUE DRAWING LOG — Revision History

REV	DATE	ISSUE
	09.23.2016	ISSUE FOR CONSTRUCTION
34	06.05.2017	VBMC_PR_807
35	06.20.2017	VBMC_ASI_041
134	04.24.2020	VBMC_PR_189

SEAL

STATE OF NEW YORK — 079470 — LICENSED PROFESSIONAL ENGINEER

SHEET IDENTIFICATION

TITLE

GRADING & DRAINAGE PLAN

NUMBER

C-130

2015 RTKL ASSOCIATES INC.

FILE NAME: C:\Users\kdaley\Desktop\VBMC-IP\VBMC Pro\cad\sheets\C-0115.rvt

TIM 3/18/2016 10:00:14 AM

SITE PLAN

Scale: 1"=30'-0"

LEGEND

- TRAVERSE LINE, CENTER LINE OR BASELINE
- RIGHT OF WAY LINE
- PROPERTY LINE
- EDGE OF PAVEMENT
- CURB LINE
- DEPRESSED CURB
- CHAIN FENCE
- WETLAND LINE
- MUNICIPAL BOUNDARY
- TREELINE
- ELECTRICAL MANHOLE
- WATER MANHOLE
- TELEPHONE MANHOLE
- UNMARKED MANHOLE
- SANITARY MANHOLE
- DRAINAGE MANHOLE
- MAJOR CONTOUR
- MINOR CONTOUR
- SPOT ELEVATION
- TOP OF CURB ELEV.
- BOTTOM OF CURB ELEV.
- U/G CABLE TV LINE
- U/G FIBER OPTIC LINE
- U/G TELEPHONE LINE
- U/G ELECTRIC LINE
- OVERHEAD WIRE
- WATER MAIN
- GAS MAIN
- SAN. SEWER LATERAL
- SAN. SEWER MAIN
- STORM PIPE
- WETLAND MARKER
- TREE
- ROADWAY SIGNS
- TRAFFIC FLOW
- MAILBOX
- TRAFFIC SIGNAL POLE
- POLE MOUNTED LIGHT
- UTILITY POLE
- GUY WIRE
- TRANSFORMER
- FDC FIRE DEPT. CONNECTION
- FIRE HYDRANT
- WV WATER VALVE
- GV GAS VALVE
- CO SANITARY CLEANOUT
- CONCRETE MONUMENT
- CAPPED REBAR/IRON PIPE
- STORM CATCH BASIN
- STORM DRAIN INLET
- FLARED END SECTION
- HEADWALL

ABBREVIATIONS

D.C. = DEPRESSED CURB	FF = FINISH FLOOR	MHWL = MEAN HIGH WATERLINE
BC = BOTTOM OF CURB	UV = UNKNOWN VALVE	
TC = TOP OF CURB	MH = MANHOLE	MLWL= MEAN LOW WATERLINE
BOL = BOLLARD	DEP. = DEPRESSED	
GRT = GRATE	CL = CENTERLINE	TW = TOP OF WALL
MB = MAILBOX	PM = PARKING METER	BW = BOTTOM WALL

SCALE : 1" = 30'

GENERAL NOTES:

1. NORTH REFERENCE SHOWN HEREON IS SITE SPECIFIC AS PROVIDED BY WALSH-CONSIGLI.
2. THE VERTICAL DATUM SHOWN HEREON IS SITE SPECIFIC AS PROVIDED BY WALSH-CONSIGLI.
3. MAPPING PREPARED BY COLLIERS ENGINEERING & DESIGN FROM A FIELD SURVEY COMPLETED NOVEMBER 2021.
4. TOPOGRAPHIC INFORMATION AND PHYSICAL FEATURES SHOWN ARE BASED ON AN AERIAL SURVEY BY COLLIERS ENGINEERING & DESIGN, DATE FLOWN NOVEMBER 2, 2021.
5. UNDERGROUND UTILITIES SHOWN HEREON BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND RECORD DRAWINGS AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES.
6. EASEMENTS AND/OR SUBSURFACE STRUCTURES RECORDED OR UNRECORDED ARE NOT GUARANTEED UNLESS PHYSICALLY EVIDENT ON THE PREMISES AT THE TIME OF THE SURVEY.
7. SUBJECT TO ALL RIGHTS, EASEMENTS, COVENANTS AND RESTRICTIONS OF RECORD.
8. SUBJECT TO ANY STATE OF FACTS AN UP-TO-DATE ABSTRACT OF TITLE WOULD DISCLOSE.

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REV.	DATE	DRAWN BY	DESCRIPTION

REV.	DATE	DRAWN BY	DESCRIPTION

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FINAL ASBUILT

FOR

WALSH CONSIGLI JOINT VENTURE

VASSAR BROTHERS MEDICAL CENTER EXPANSION

CITY OF POUGHKEEPSIE
DUTCHESS COUNTY
STATE OF NEW YORK

Colliers Engineering & Design
ALBANY
18 Computer Drive East, Suite 203
Albany, NY 12205
Phone: 518.459.3252

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	12/1/2021	NL/OM	LJB

PROJECT NUMBER: 170007248
DRAWING NAME: V:\SURV\SITE

SHEET TITLE: AS-BUILT PLAN

SHEET NUMBER: 1 of 1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BED TOWER LETTERSETS SITE PLAN

Scale: 1/128"=1'-0"

Updated sign numbers

E01 S/F ILLUMINATED WALL CABINET - ELEVATION DEB-8.5-I-CUSTOM

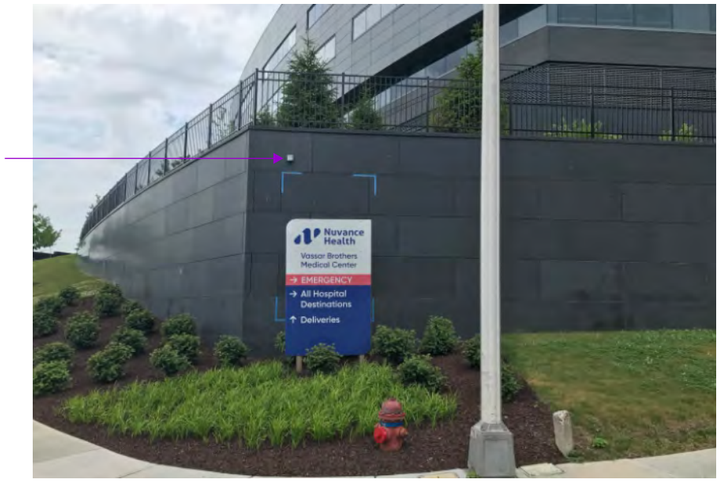
Estimated Scale: 3/16"=1'-0"

EXISTING SIGN SF:	–
PROPOSED SIGN SF:	39.7

PROPOSED SIGNAGE

EXISTING CONDITIONS

EXISTING JUNCTION BOX →



EXISTING TEMPORARY SIGN TO BE REMOVED;
NEW SIGN TO BE INSTALLED TO COVER EXISTING JUNCTION BOX

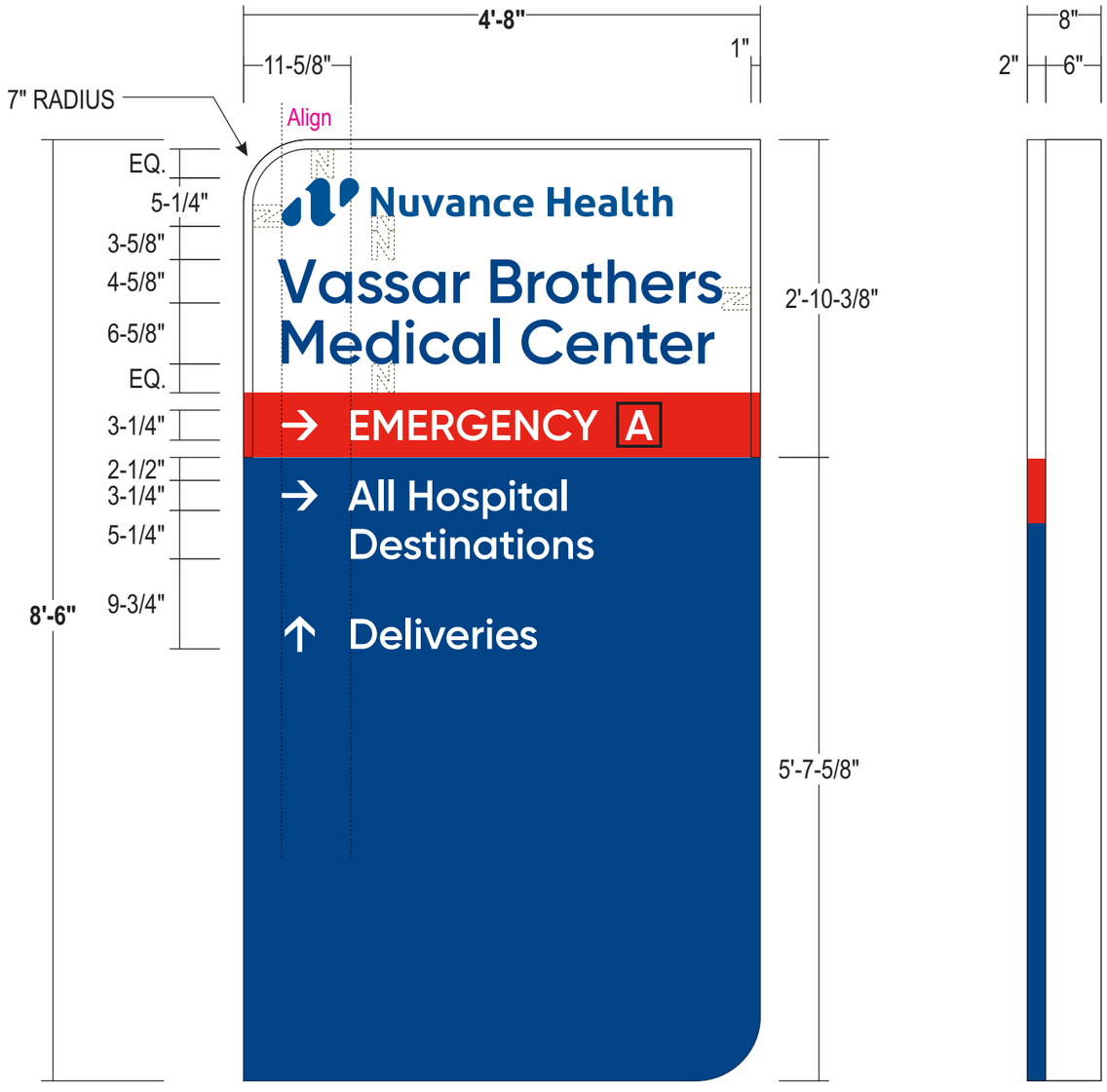
Updated sign number

E01 S/F ILLUMINATED WALL CABINET

DEB-8.5-I-CUSTOM

Scale: 3/4"=1'-0"

39.7 Square Feet



CABINET: 8" deep fabricated angle frame alum. construction
Center .125 alum. cladding painted White; Side returns painted Blue & Red to match face (see end view)

FACES: .125 routed aluminum faces painted as shown

DIRECTIONAL COPY: Flushed in copy & arrows
.125" White translucent acrylic (#7328) chem welded to .25" clear acrylic backing sheet. Second surface decorate with white translucent diffuser film.

HEADER & ER PANEL: Flushed in panel to be .125" White acrylic (#7238) chem welded to .25" clear acrylic backing sheet.
Logo to be surface applied Trans Blue vinyl; Emergency to be surface applied, reverse weeded Trans Red vinyl band
Second surface decorate with white diffuser film.

TYPEFACE: Gilroy Semi-bold

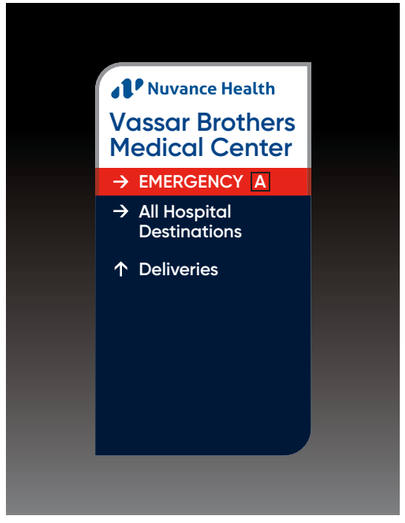
ILLUM.: Internally illuminated with White LEDs as required by manufacturer

INSTALL: Mechanically fasten to block wall w/ 3/8" expansion anchors

Sign to be directly attached to the retaining wall at the bottom of Livingston St. and Fox St.

REFER TO CONTROL DOCUMENT FOR PRODUCTION DRAWINGS

Simulated night time view



COLOR PALETTE

LOGO: Translucent
3M 3630-157 Sultan Blue

BLUE FACE & RETURNS:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

GRAPHICS:
3M 3630-43 Lt. Tomato Red

RED RETURN:
Painted to match PMS 485C, MP 643 (R191582), semi-gloss

White acrylic
3M 3735-70 diffuser

CLADDING:
MP 27386 White, semi-gloss

GRAPHICS:
3M 7725-12 Black

Updated sign number

E02 D/F ILLUMINATED DIRECTIONAL - ELEVATION

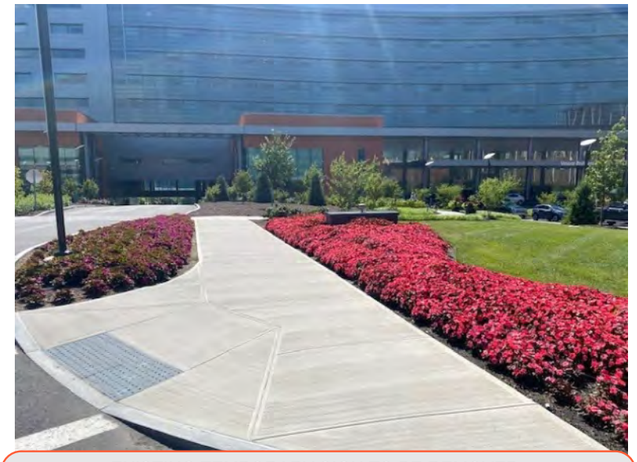
DE-6.5-I

Estimated Scale: 3/16"=1'-0"

EXISTING SIGN SF:	–
PROPOSED SIGN SF:	21.3

PROPOSED SIGNAGE

EXISTING CONDITIONS



EXISTING TEMPORARY SIGN TO BE REMOVED;
NEW SIGN TO BE INSTALLED ON EXISTING BASE

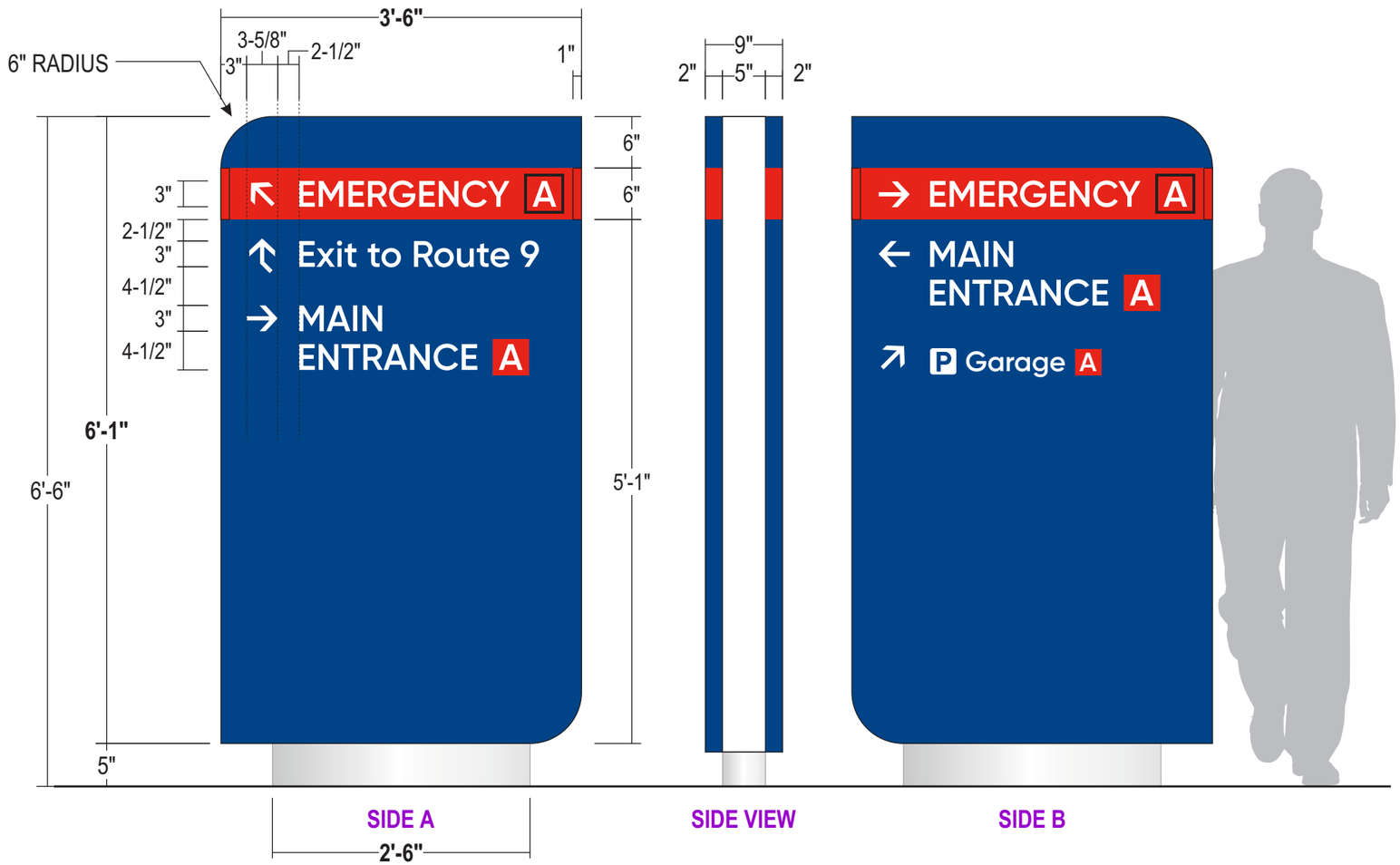
Updated sign number

E02 D/F ILLUMINATED DIRECTIONAL

DE-6.5-I

Scale: 3/4"=1'-0"

21.3 Square Feet



FOUNDATION & POLE SIZES SUBJECT TO CHANGE
ACCORDING TO ENGINEERING SPECS & CITY REQUIREMENTS!!

CABINET: 9" deep fabricated angle frame alum. construction
Center .125 alum. cladding painted White; Side returns painted Blue & Red to match face (see end view)

FACES: .125 routed aluminum faces painted as shown

GRAPHICS: Flushed in copy & arrows
.125" White translucent acrylic (#7328) chem welded to .25" clear acrylic backing sheet. Second surface decorate with white translucent diffuser film.
EMERGENCY PANEL:
Flushed in panel w/ First surface red translucent film.
Copy & arrow to be reversed out white / second surface diffuser

TYPEFACE: Gilroy Semi-bold

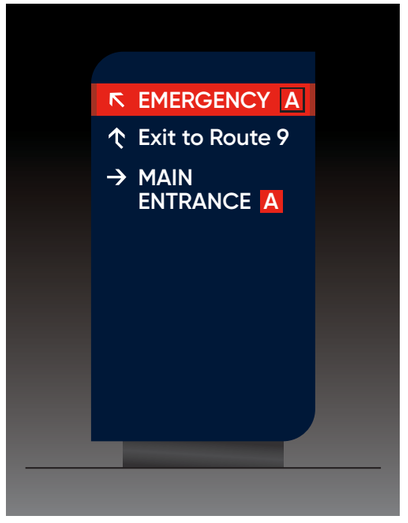
ILLUM.: Internally illuminated with Sloan Signbox Rapid Stick as required by manufacturer

BASE: Fabricated .125 aluminum painted silver metallic, semi-gloss finish

Sign will be installed directly on top of granite base already installed onsite

REFER TO CONTROL DOCUMENT FOR PRODUCTION DRAWINGS

Simulated night time view



COLOR PALETTE

LOGO: Translucent
3M 3630-157 Sultan Blue

BLUE FACE & RETURNS:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

GRAPHICS:
3M 3630-43 Lt. Tomato Red

RED RETURN:
Painted to match PMS 485C, MP 643 (R191582), semi-gloss

White acrylic
3M 3735-70 diffuser

CENTER CLADDING:
MP 27386 White, semi-gloss

BASE:
Silver Metallic MP 18073 (R190961), semi-gloss

GRAPHICS:
3M 7725-12 Black

Updated sign number

E03 D/F ILLUMINATED DIRECTIONAL - ELEVATION

DE-6.5-I

Estimated Scale: 3/16"=1'-0"

EXISTING SIGN SF:	–
PROPOSED SIGN SF:	21.3

PROPOSED SIGNAGE

EXISTING CONDITIONS

EXISTING TEMPORARY SIGN TO BE REMOVED;
NEW SIGN TO BE INSTALLED ON EXISTING BASE

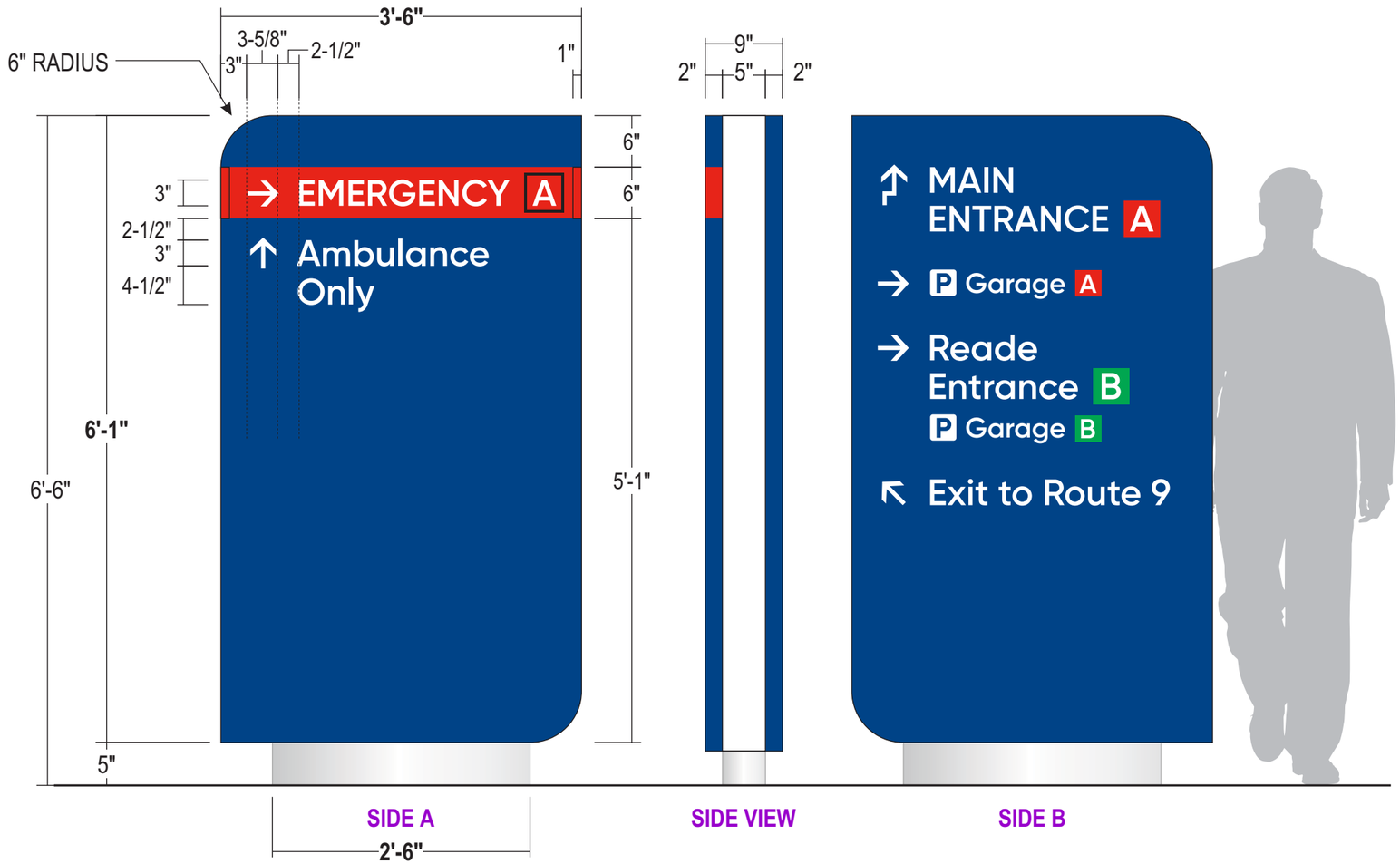
Updated sign number

E03 D/F ILLUMINATED DIRECTIONAL

Scale: 3/4"=1'-0"

DE-6.5-I

21.3 Square Feet



FOUNDATION & POLE SIZES SUBJECT TO CHANGE
ACCORDING TO ENGINEERING SPECS & CITY REQUIREMENTS!!

CABINET: 9” deep fabricated angle frame alum. construction
Center .125 alum. cladding painted White; Side returns painted Blue & Red to match face (see end view)

FACES: .125 routed aluminum faces painted as shown

GRAPHICS: Flushed in copy & arrows
.125" White translucent acrylic (#7328) chem welded to .25" clear acrylic backing sheet. Second surface decorate with white translucent diffuser film.
EMERGENCY PANEL:
Flushed in panel w/ First surface red translucent film.
Copy & arrow to be reversed out white / second surface diffuser

TYPEFACE: Gilroy Semi-bold

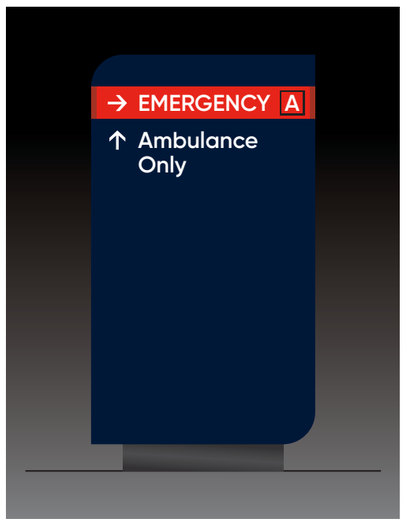
ILLUM.: Internally illuminated with Sloan Signbox Rapid Stick as required by manufacturer

BASE: Fabricated .125 aluminum painted silver metallic, semi-gloss finish

Sign will be installed directly on top of granite base already installed onsite

REFER TO CONTROL DOCUMENT FOR PRODUCTION DRAWINGS

Simulated night time view



COLOR PALETTE

LOGO: Translucent
3M 3630-157 Sultan Blue

BLUE FACE & RETURNS:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

GRAPHICS:
3M 3630-43 Lt. Tomato Red

RED RETURN:
Painted to match PMS 485C, MP 643 (R191582), semi-gloss

White acrylic
3M 3735-70 diffuser

CENTER CLADDING:
MP 27386 White, semi-gloss

GRAPHICS:
3M 7725-12 Black

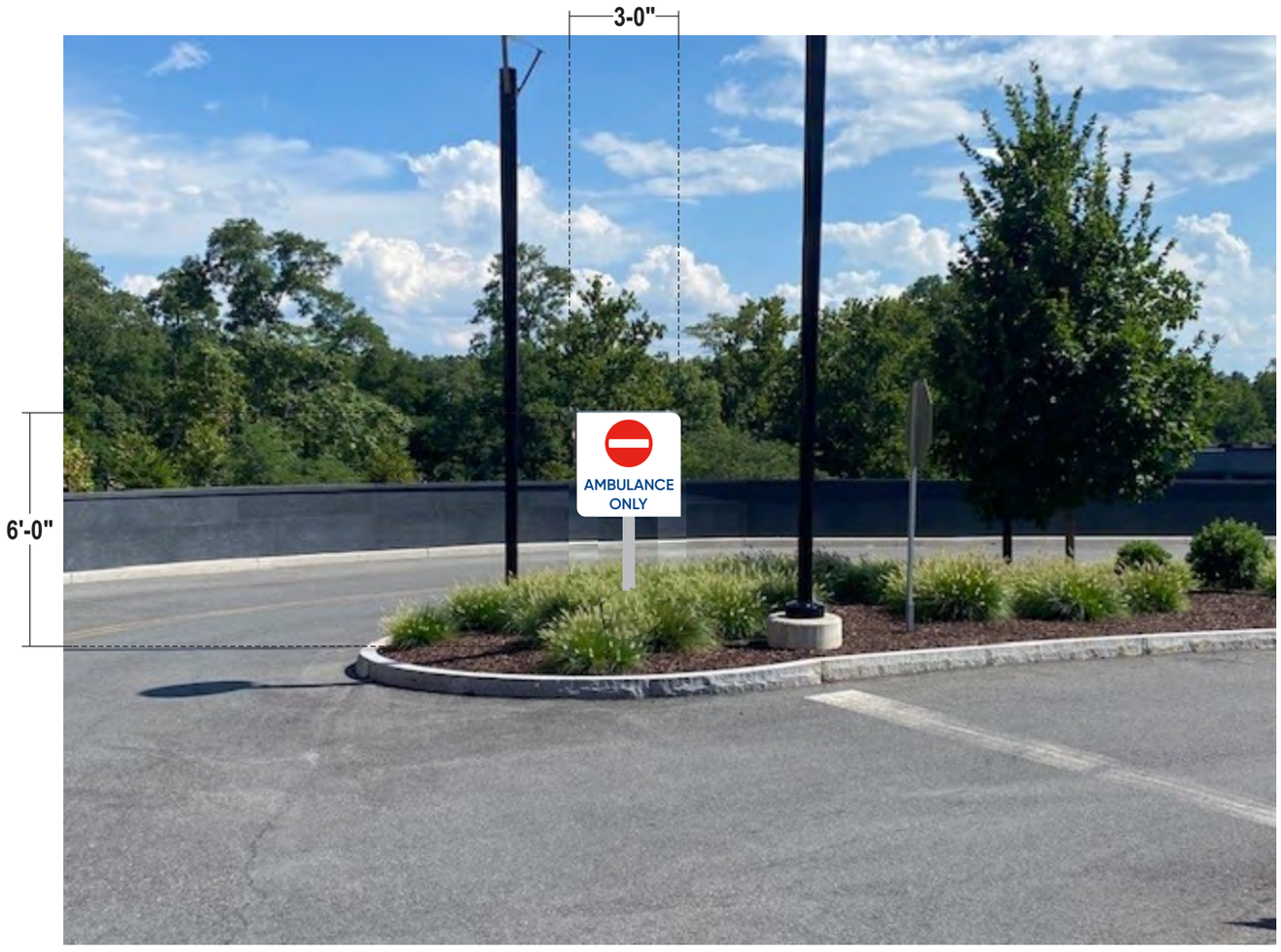
BASE:
Silver Metallic MP 18073 (R190961), semi-gloss

GRAPHICS:
3M 7725-12 Black

Updated sign number

E04 **S/F REGULATORY SIGN** **CUSTOM**

Estimated Scale:1/4"=1'-0"



PROPOSED SIGNAGE

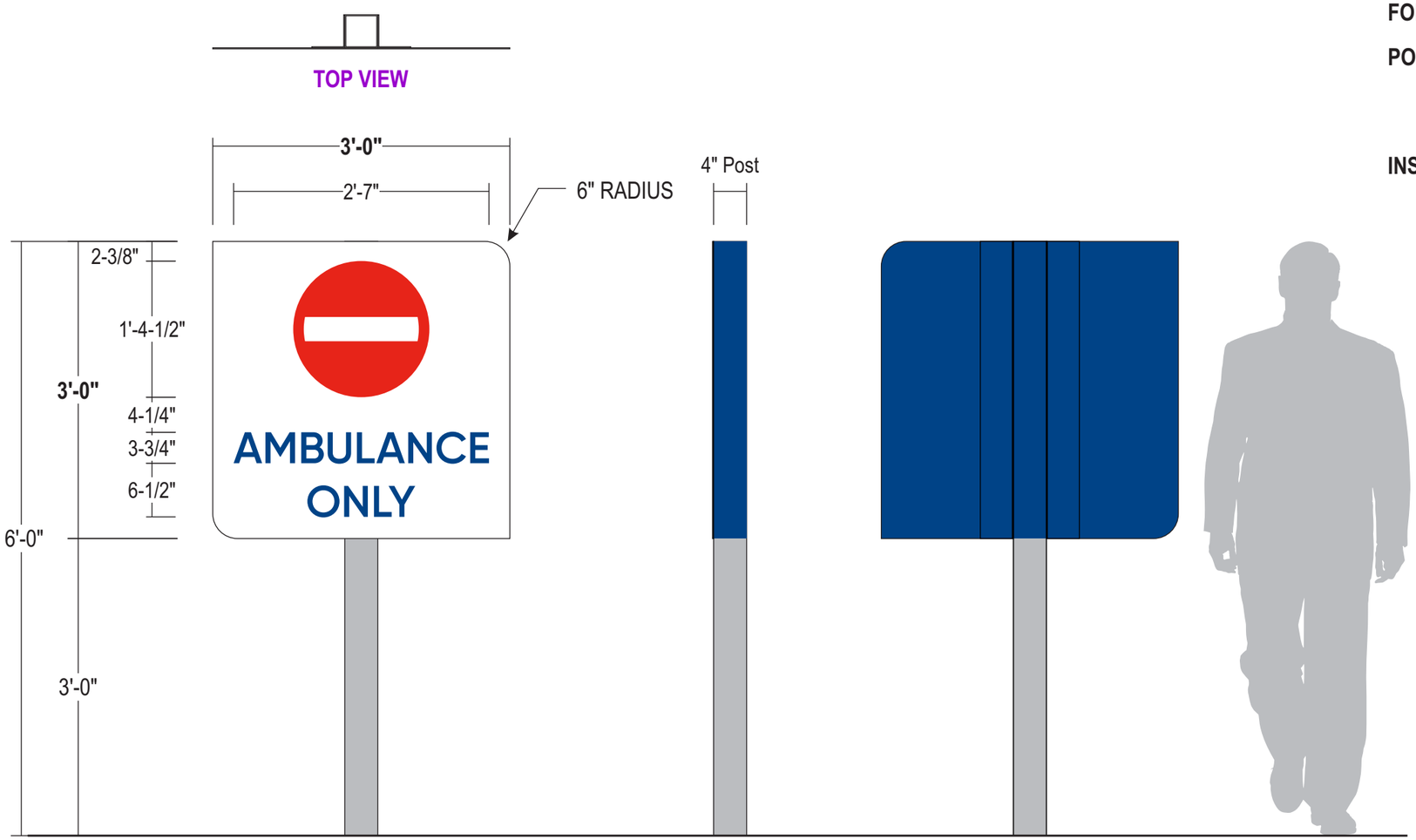
EXISTING CONDITIONS

EXISTING TEMPORARY SIGN TO BE REMOVED;
NEW SIGN TO BE INSTALLED IN PLACE.

Updated sign number

E04 S/F REGULATORY SIGN — CUSTOM

Scale: 3/4"=1'-0"



PANEL: .125 alum. panel radius corners as shown
painted white front, backside painted Nuvance Blue
Weld 4" x 4" x .125" alum. angle to backside to secure to pole

GRAPHICS: Surface applied opaque Nuvance blue & red vinyl

FONT: Gilroy Semibold

POST: 4" x 4" x 1/8" alum support to rear of sign for attachment
Post behind panel painted Blue; Post below panel
painted Silver Metallic - semi-gloss

INSTALL: Direct burial installation into concrete footer to meet
city code & engineering requirement
No direct earth bury

COLOR PALETTE

BACKGROUND:
Painted white MP 27386, semi-gloss

LOGO: Opaque
3M 180-37 Sapphire Blue

COPY:
3M 180-293 Atomic Red

POLE:
Silver Metallic
MP 18073 (R190961), semi-gloss

POLE / BACK:
Painted to match PMS 7687C,
MP 73230 (R191582), semi-gloss

Updated sign number

E05 NORTH ELEVATION

CUSTOM

Scale: 3/32"=1'-0"

PROPOSED SIGNAGE

EXISTING CONDITIONS

REMOVE HIGHLIGHTED LETTERS. HOLES TO BE PATCHED & PAINTED TO MATCH BUILDING. AREA TO BE PRESSURE WASHED AS NEEDED.

ALLOWABLE SF:	
EXISTING SIGN SF:	157
PROPOSED SIGN SF:	122.2

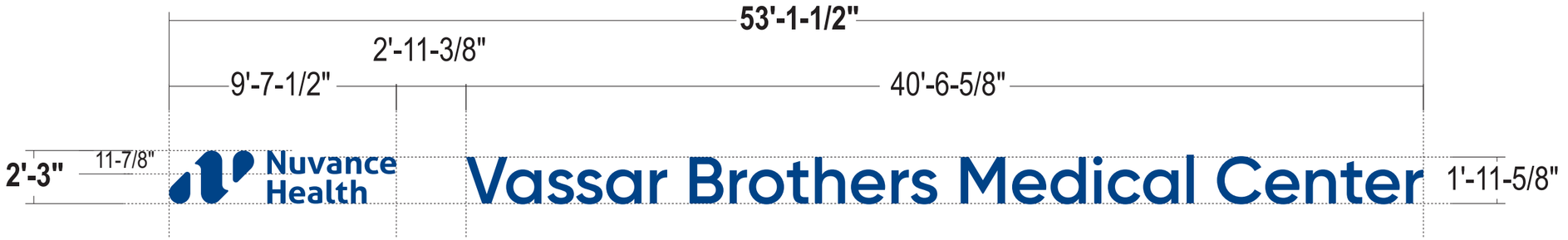
Updated sign number

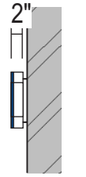
E05 HALO LIT CHANNEL LETTERS - BLUE

CUSTOM

Scale: 3/16"=1'-0"

122.2 square feet





SIDE VIEW
NTS

FACES: .090" Aluminum; painted PMS 7687

RETURNS: 2" deep .063 alum. welded to faces - all welds to be sanded smooth;
paint exterior Nuvance White, semi-gloss / insides painted w/ light enhancement paint

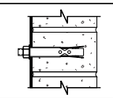
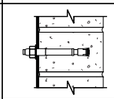
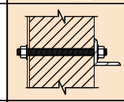
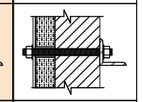
BACKS: 1/4" Clear polycarbonate

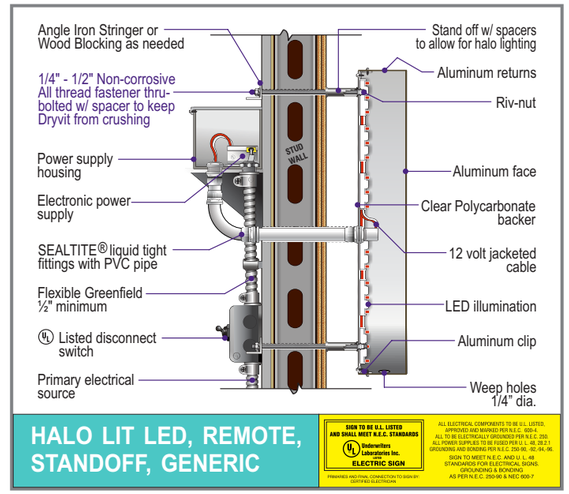
ILLUMINATION: Illuminate w/ white Sloan (or approved equivalent) LEDs (6500k); Remote power supplies

WALL MATERIAL: **NOT PROVIDED AT THIS TIME**

INSTALL: Preferred install is thru bolted w/ 1-1/2" stand-offs from wall surface to allow for halo-lighting;
Using min 3/8" all thread fasteners into blocking as required;
Spacers to be provided - painted to match sign band

QUANTITY: (1) One set required for the North elevation

WALL TYPE	CMU, BRICK	PRE-CAST CONCRETE, CONCRETE	PREFERRED FOR ALL WALL TYPES WHEN POSSIBLE	EIFS WALL W/ FOAM INSULATION
SECTION				
ANCHOR TYPE	ø1/2" SLEEV ANCHOR (ø3/8" BOLT), 2" MIN. EMBEDMENT	ø3/8" EXPANSION ANCHOR, 2 1/2" MIN. EMBEDMENT	ø1/4"-3/8" THREADED ROD	ø1/4"-3/8" THREADED ROD W/ ALUMINUM OR PVC COMPRESSION SLEEVE



COLOR PALETTE

FACES:
PMS 7687C

RETURNS:
White MP 27386, semi-gloss

Simulated night time view

Updated sign number

E06 MONUMENT ELEVATION

Scale: 3/16"=1'-0"

PROPOSED SIGNAGE:

SIDE A

SIDE B

ALLOWABLE SF:	
EXISTING SIGN SF:	120
PROPOSED SIGN SF:	120

EXISTING CONDITIONS

SIDE A

SIDE B

Existing 12'-0"H x 10'-0"W D/F illuminated monument faces to be removed & replaced w/ new.

Upper Cabinet painted White.
Middle & lower cabinet, reveals, & retainers painted Blue

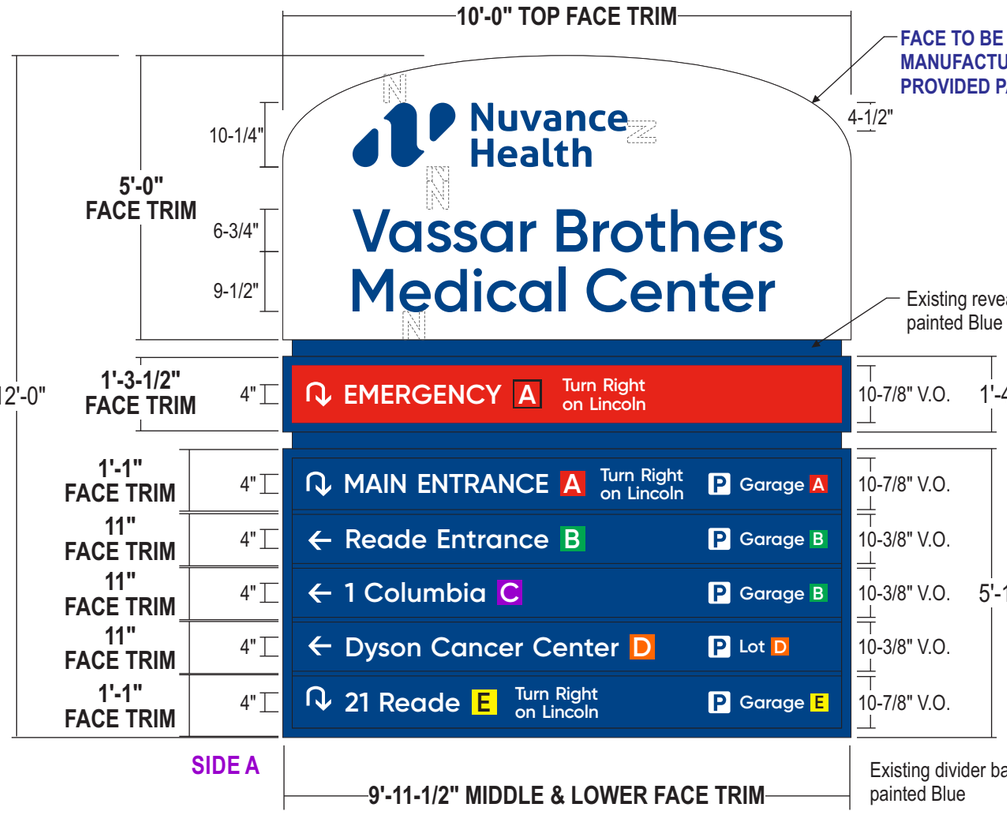
Landscaping to be repaired as needed after installation.

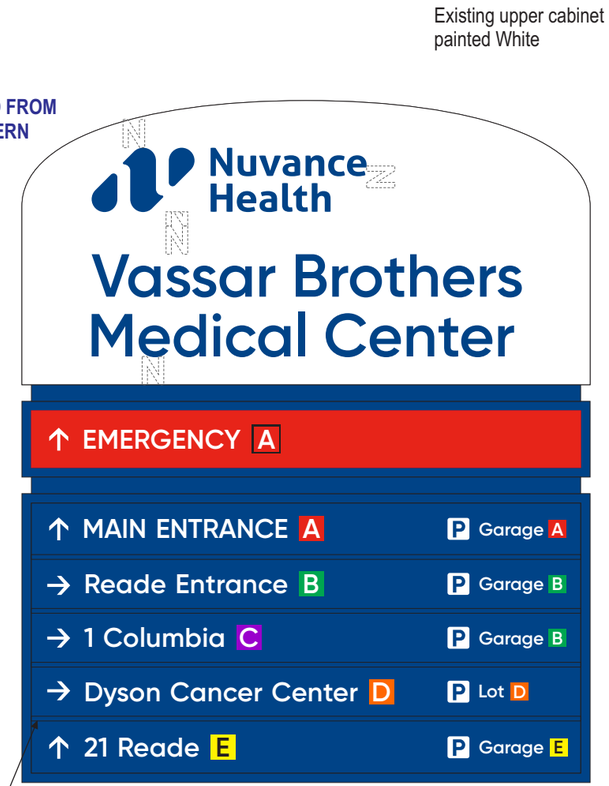
Updated sign number

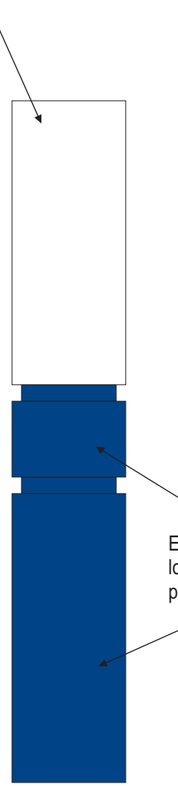
E06 REPLACEMENT FACES

Scale: 3/8"=1'-0"

120 square feet







CABINET: Existing Cabinet w/ 2" retainers and 1" divider bars to remain and be re-painted Nuvance White & Blue.

TOP FACES: 1/8" stencil-cut, aluminum pan formed faces, painted Nuvance White. 2" return depth to attach to existing cabinet. **Return depth TBV.**

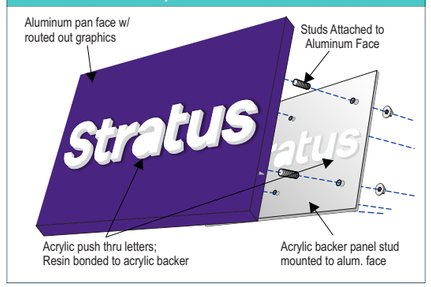
TOP FACE GRAPHICS: 3/4" clear acrylic push-thru graphics w/ first surface applied translucent Blue vinyl and second surface White diffuser film. Graphics to push-thru face 1/2".

MIDDLE FACES: .150 White solar grade polycarbonate w/ applied translucent Red vinyl background. Copy reverse weeded out to show White.

LOWER FACES: .150 White solar grade polycarbonate w/ applied translucent Blue vinyl background. Copy reverse weeded out to show White.

QUANTITY: (2) TWO TOP FACES REQUIRED
(2) TWO MIDDLE FACES REQUIRED
(10) TEN LOWER FACES REQUIRED

ROUTED FACE; PUSH-THRU GRAPHICS



TOP FACE TYPICAL DETAIL

COLOR PALETTE

- **TOP FACE / UPPER CABINET:** Painted White MP 27386, semi-gloss
- **LOGO / COPY:** 3M 3635-70 White diffuser
- **LOGO / COPY:** 3M 3630-157 Sultan Blue
- **EMERGENCY BAND / GRAPHICS:** 3M 3630-43 Light Tomato Red
- **MIDDLE & LOWER CABINET / DIVIDER BARS:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **GRAPHICS:** 3M 3630-26 Green
- **GRAPHICS:** 3M 3630-44 Orange
- **GRAPHICS:** 3M 3630-015 Yellow
- **GRAPHICS:** 3M 3630-128 Plum Purple
- **GRAPHICS:** 3M 7725-12 Black

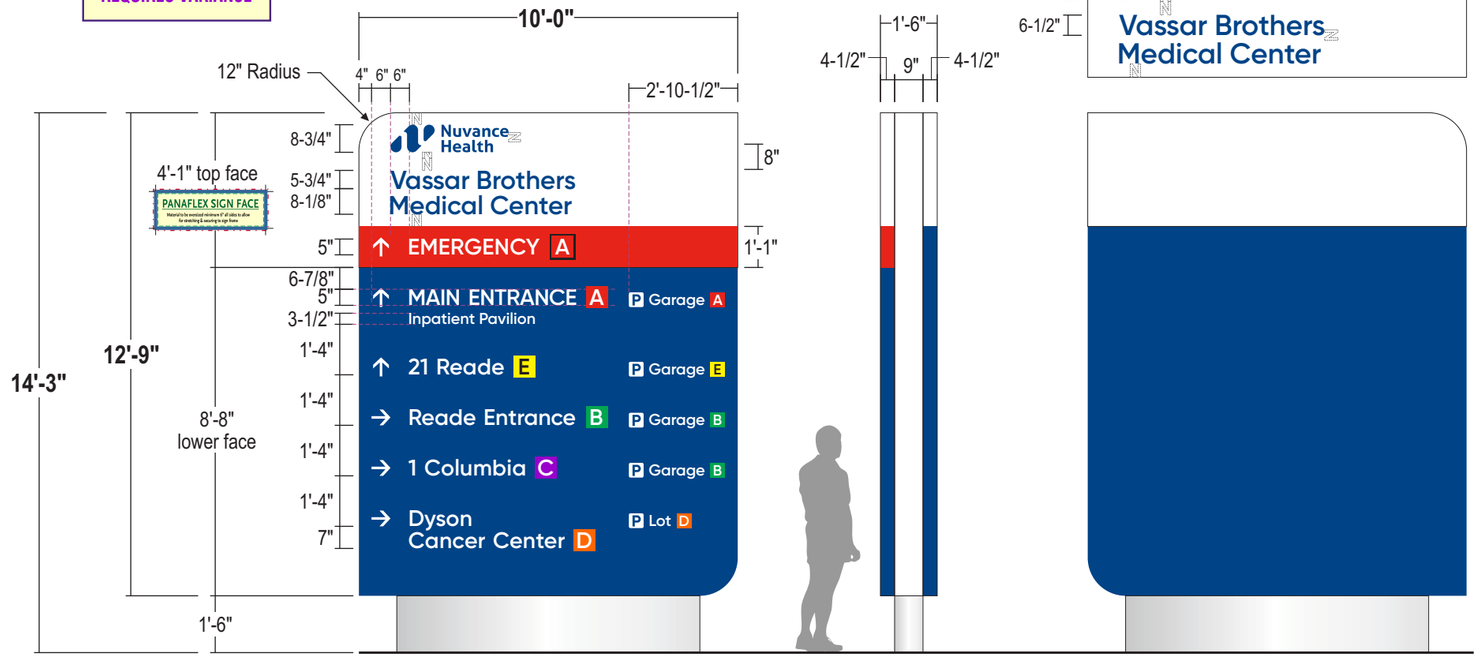
Updated sign number

E07 S/F ILLUMINATED PYLON SIGN — PE-14-I - CUSTOM

Scale: 1/4"=1'-0"

142.5 square feet

REQUIRES VARIANCE



ALTERNATE HEADER LAYOUT

CABINET:	18" deep extruded cabinet w .125" alum. extruded cover on flex face painted White, Blue & Red as shown Center .125" aluminum cladding painted White Semi gloss
TOP FACES:	3M Panagraphics III flexible substrate w/ digitally printed graphics to match colors shown; Overlaminate required 3M 3660M Secured into bleed frame Sign Comp 2092 or equivalent Face to be top hinged w/ SS Piano hinge painted White SG - hold short of radius
LOGO & ER GRAPHICS:	Top portion to be translucent white bkgd.w/ trans Blue copy Emergency is translucent red bkgd. w/ translucent white copy & arrow
LOWER FACES:	.125 routed alum. faces painted Nuvance Blue SG; Returns painted Blue Vertical Piano hinge for lower directional faces painted BlueSG
DIRECTIONAL COPY & ARROWS:	Backed w/ .125" 7328 white acrylic flushed in; chem welded to 1/4" thick Clear acrylic backer; Second surface diffuser film Stud mounted from backside to .125" angle frame
ILLUMINATION:	6500k white Sloan signbox rapid sticks. Power supplies housed within cabinet.
POLE COVER:	Fabricated .125 alum. construction painted Silver Metallic SG
ADDRESS:	Surface applied Reflective White vinyl - not backlit
INSTALL:	Cabinet to have internal steel & will be direct burial installation to meet city code & engineering requirements
QUANTITY:	(1) one S/F illuminated pylon required

REFER TO CONTROL DOCUMENT FOR PRODUCTION DRAWINGS

EXISTING CONDITIONS

SIDE A

SIDE B

Existing 12'-0"H x 10'-0"W D/F illuminated monument to be removed & replaced w/ new.

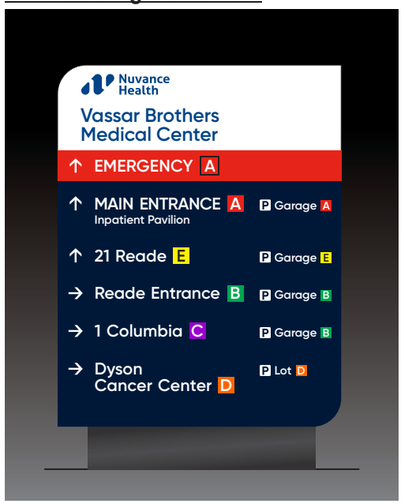
Demo existing landscaping bed and shrubs. New landscaping is not included in scope. New foundation required.

Existing electrical to be re-used on new sign.

COLOR PALETTE

- **DIRECTIONAL COPY:** 3M 3635-70 White diffuser
- **LOGO:** Digitally printed by Miratec Systems w/ overlaminate 3M 3660M
- **EMERGENCY BAND:** Digitally printed by Miratec Systems w/ overlaminate 3M 3660M
- **LOWER FACE & RETURN:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **WHITE CABINET & CLADDING:** Painted white MP 27386, semi-gloss
- **RED CABINET:** Painted to match PMS 485C, MP 643 (R191582), semi-gloss
- **BASE:** Silver Metallic MP 18073 (R190961), semi-gloss
- **GRAPHICS:** 3M 3630-26 Green
- **GRAPHICS:** 3M 3630-44 Orange
- **GRAPHICS:** 3M 3630-015 Yellow
- **GRAPHICS:** 3M 3630-128 Plum Purple
- **GRAPHICS:** 3M 7725-12 Black
- **GRAPHICS:** 3M 3630-43 Lt. Tomato Red

Simulated night time view



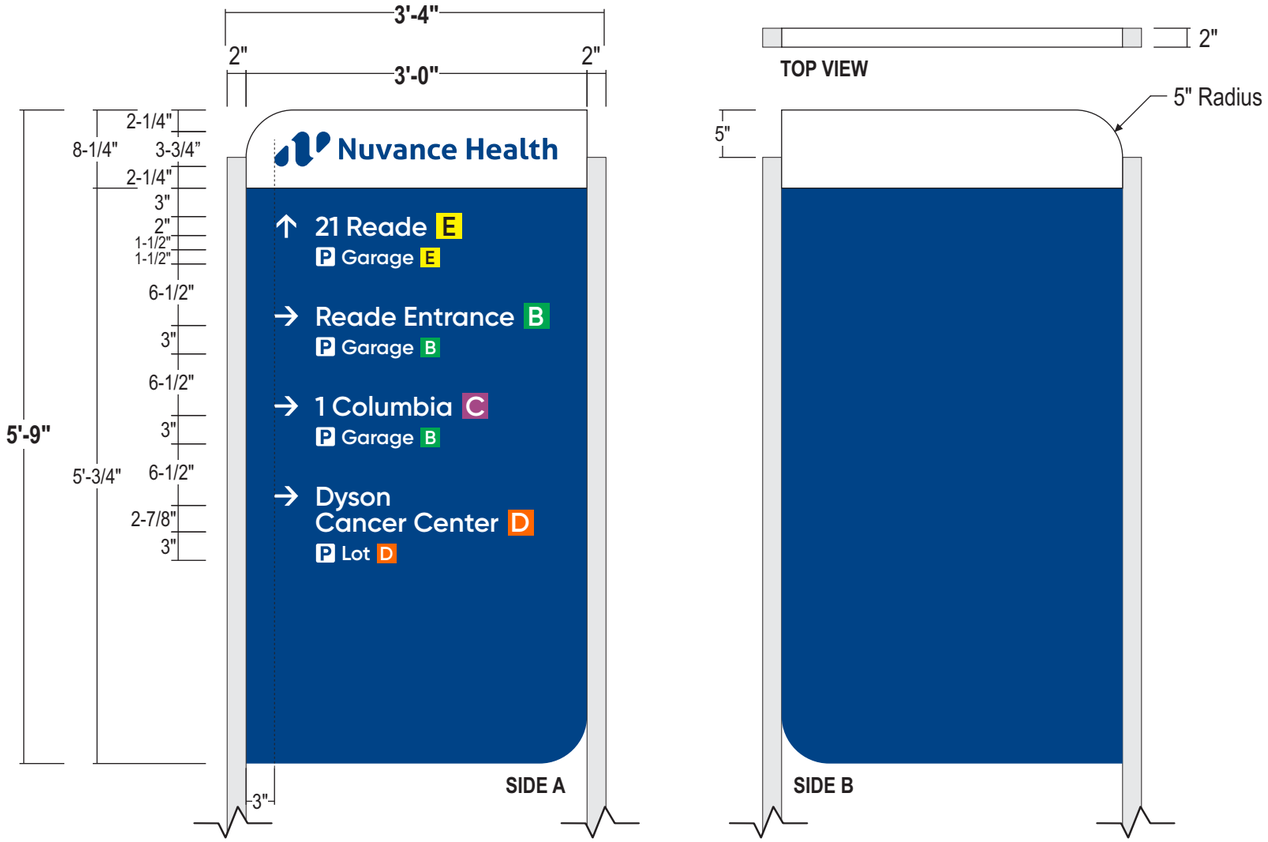
Updated sign number

E08 NON ILLUM DIRECTIONAL

Scale: 3/4"=1'-0"

CUST-D-n

17.25 square feet



CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue & White. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

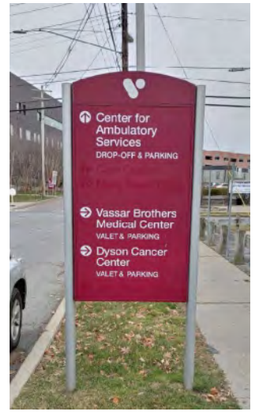
INSTALL: Direct Burial into concrete footer

QUANTITY: (1) one directional sign required

COLOR PALETTE

- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **CABINET:** MP 27386 Verizon White, semi-gloss
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-186 Bright Green
- **GRAPHICS:** 3M 7725-14 Bright Orange
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 7725-78 Plum Purple
- **GRAPHICS:** 3M 680-85 Black (Reflects White)

SIDE A

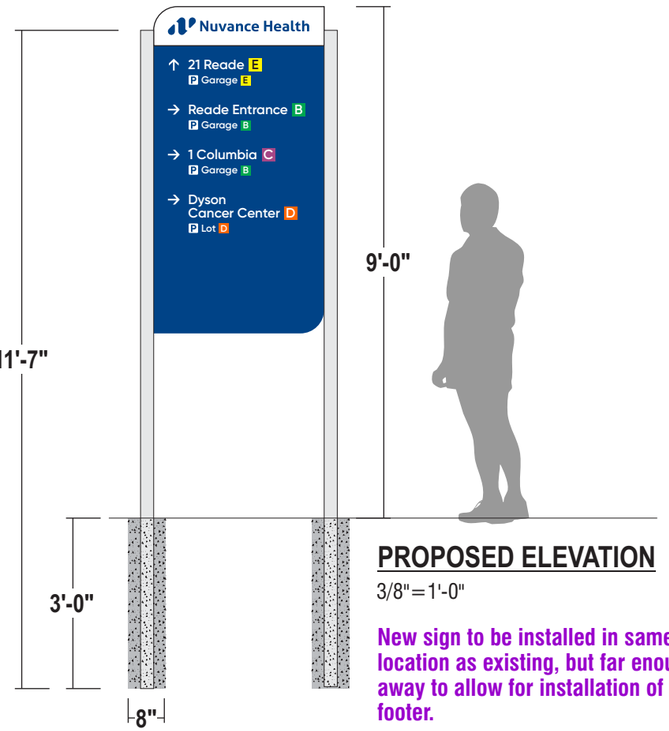


SIDE B

9'-0" OAH

EXISTING CONDITIONS

Existing 5'-9"H x 3'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

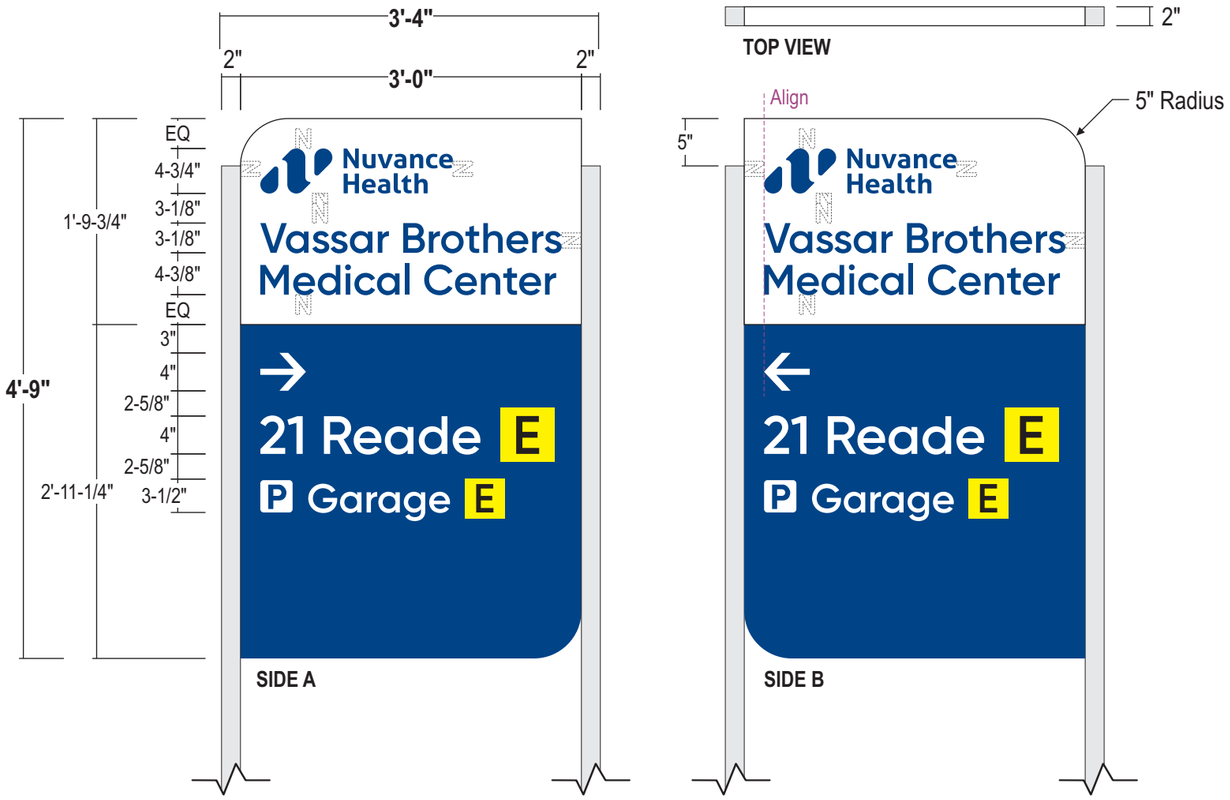
Updated sign number

E09 NON ILLUM DIRECTIONAL

Scale: 3/4"=1'-0"

CUST-D-n

14.25 square feet



CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue & White. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

INSTALL: Direct Burial into concrete footer

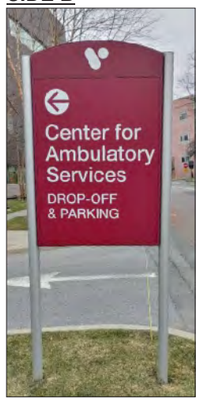
QUANTITY: (1) one directional sign required

COLOR PALETTE

- **CABINET:** MP 27386 Verizon White, semi-gloss
- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss
- **HEADER COPY:** 3M 180-37 Sapphire Blue
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 680-85 Black (Reflects White)

SIDE A

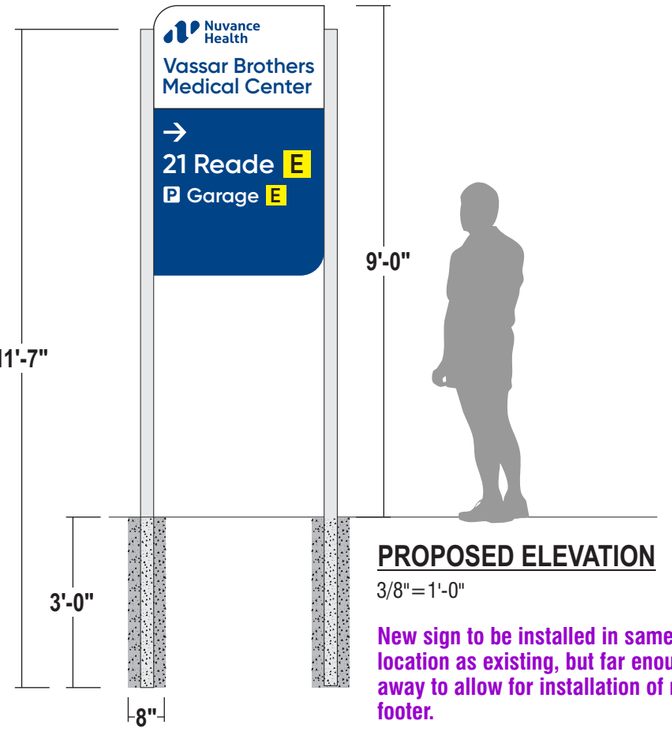
SIDE B



9'-0" OAH

EXISTING CONDITIONS

Existing 4'-9"H x 3'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

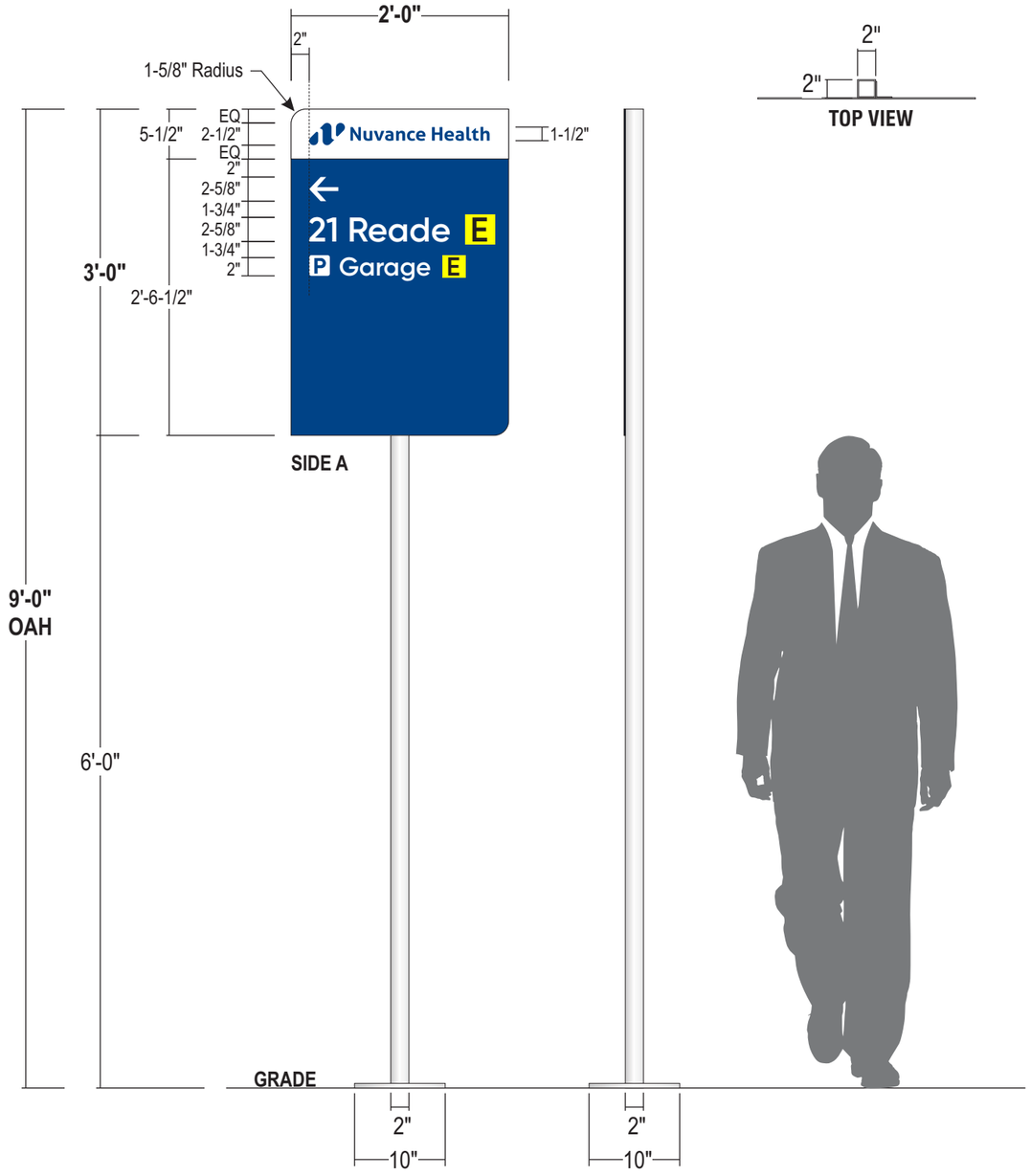
Updated sign number

E10 S/F NON ILLUM DIRECTIONAL POST & PANEL

CUST-R-n

Scale: 3/4"=1'-0"

6 square feet



PANEL: .125 alum. panel painted Nuvance White & Blue semi-gloss on face and Nuvance Blue semi-gloss on back.
Weld 2" x2" x.125" alum. angle to backside to secure to pole

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

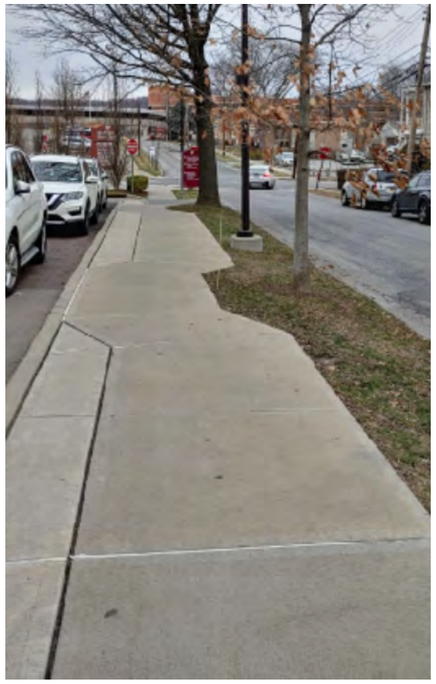
POST: 2" x 2" x .125" square aluminum tube w/ welded 3/8" aluminum baseplate, painted Metallic Silver

INSTALL: Mechanically fasten to concrete w/ 3/8" expansion anchors

QUANTITY: (1) one post & panel sign required

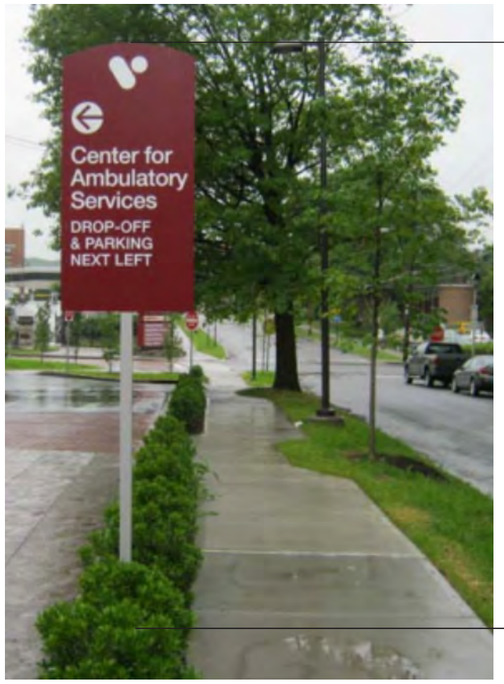
COLOR PALETTE

- **FACE:** MP 27386 Verizon White, semi-gloss
- **FACE / BACK / RETURNS:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **POST / BASEPLATE:** Silver Metallic MP 18073 (R190961), semi-gloss
- **HEADER COPY:** 3M 180-37 Sapphire Blue
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 680-85 Black (Reflects White)



EXISTING CONDITIONS:

No sign at location. Grass area filled w/ concrete.
New sign to be installed in previous location.
Final location TBV by Nuvance Health.



PREVIOUS CONDITIONS

Previous 4'-0"H x 2'-0"W sign has been removed

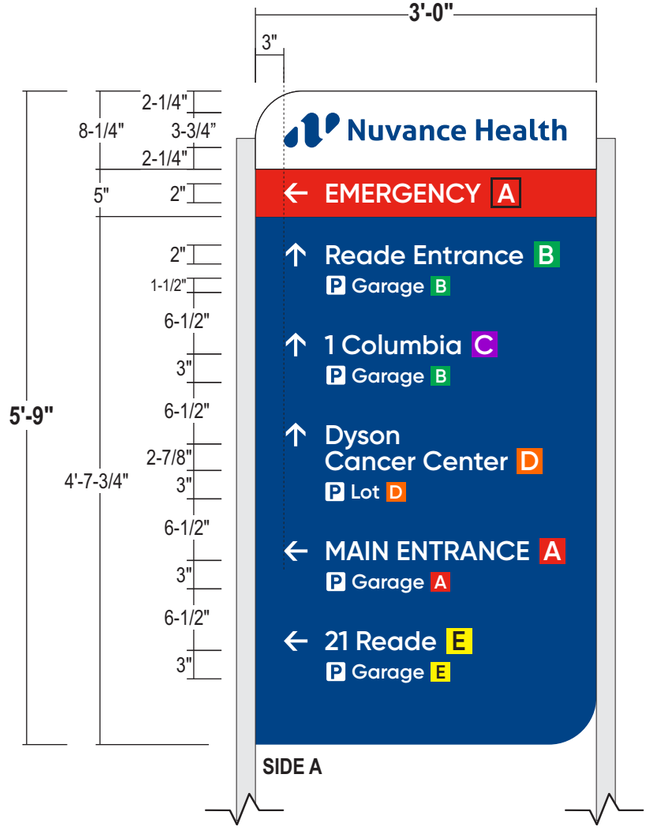
Updated sign number

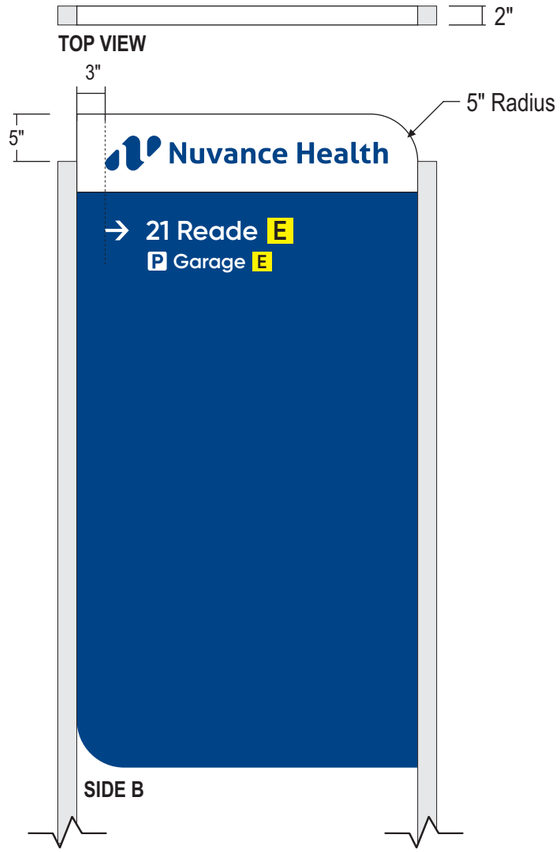
E11 NON ILLUM DIRECTIONAL

Scale: 3/4"=1'-0"

CUST-D-n

17.25 square feet





CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue, White, & Red. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

INSTALL: Direct Burial into concrete footer

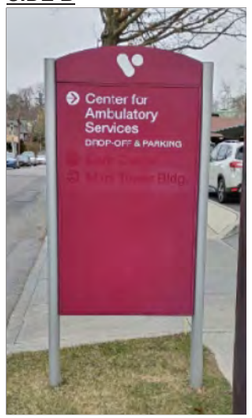
QUANTITY: (1) one directional sign required

COLOR PALETTE

- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **CABINET:** MP 27386 Verizon White, semi-gloss
- **CABINET:** Painted to match PMS 485C, MP 643 (R191582), semi-gloss
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-186 Bright Green
- **GRAPHICS:** 3M 7725-14 Bright Orange
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 7725-78 Plum Purple
- **GRAPHICS:** 3M 680-85 Black (Reflects White)
- **GRAPHICS:** 3M 7725-13 Tomato Red

SIDE A

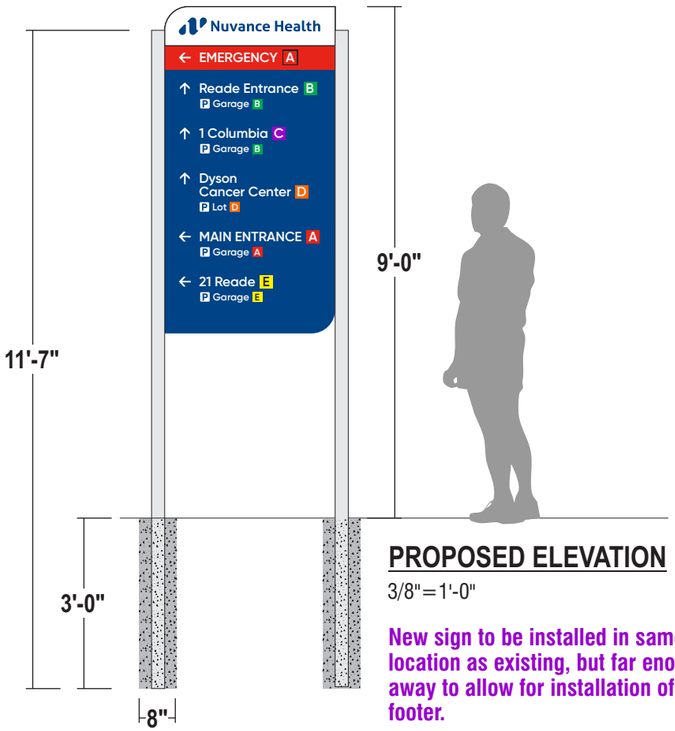
SIDE B



9'-0" OAH

EXISTING CONDITIONS

Existing 5'-9"H x 3'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

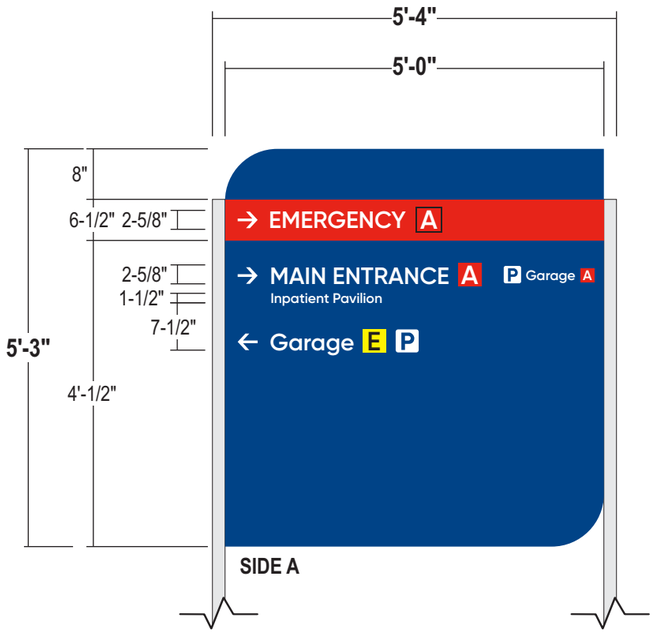
Updated sign number

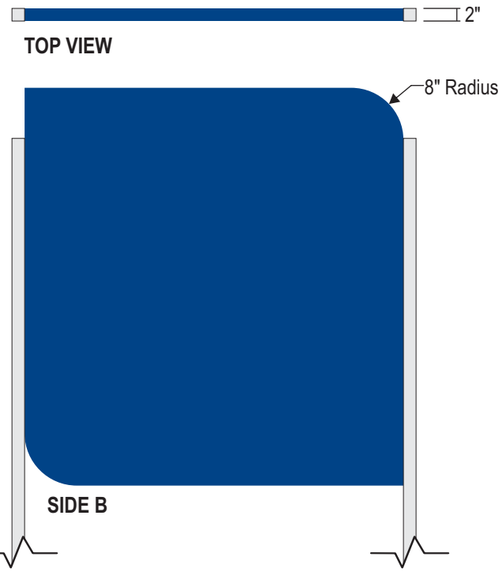
E12 NON ILLUM DIRECTIONAL

Scale: 1/2"=1'-0"

D-5-N-CUSTOM

26.25 square feet





CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue & Red. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

INSTALL: Direct Burial into concrete footer

QUANTITY: (1) one directional sign required

COLOR PALETTE

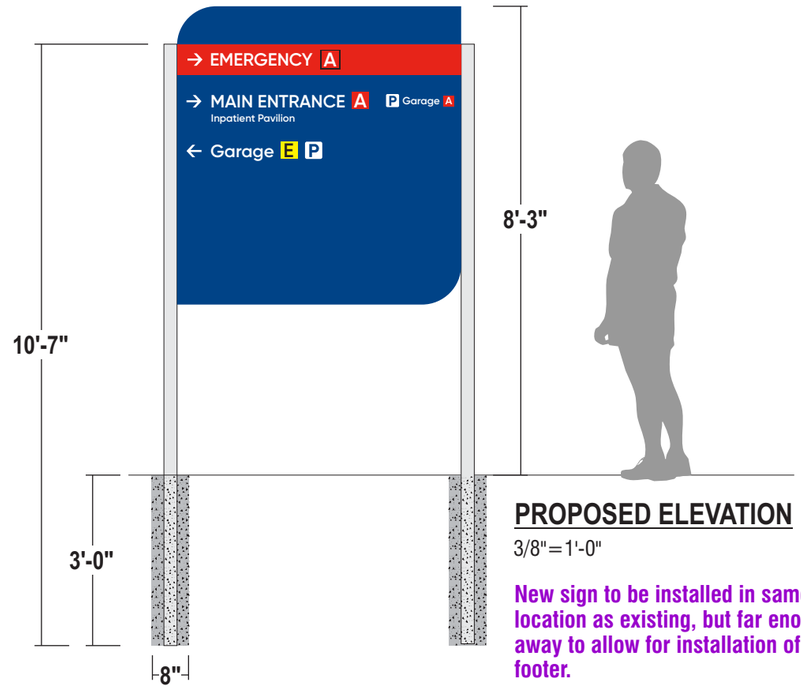
- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **CABINET:** Painted to match PMS 485C, MP 643 (R191582), semi-gloss
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-13 Tomato Red
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 680-85 Black (Reflects White)

SIDE A

SIDE B

EXISTING CONDITIONS

Existing 5'-3"H x 5'-0"W cabinet & temporary sign to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

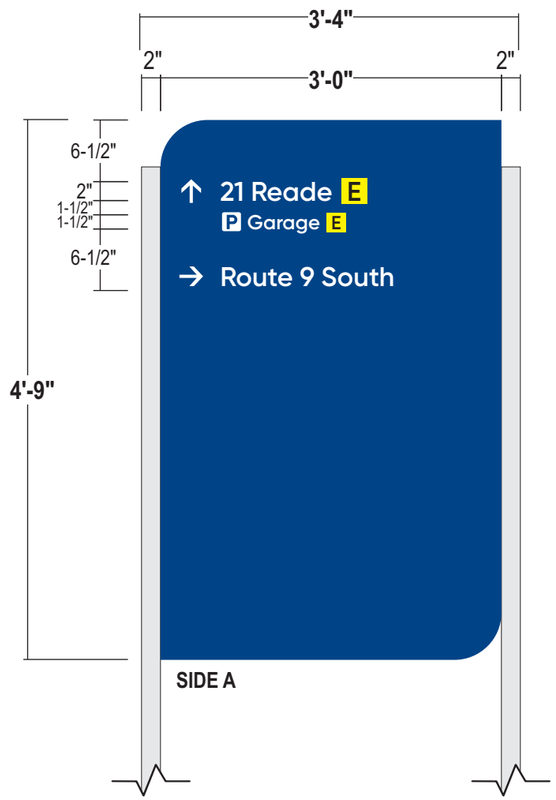
Updated sign number

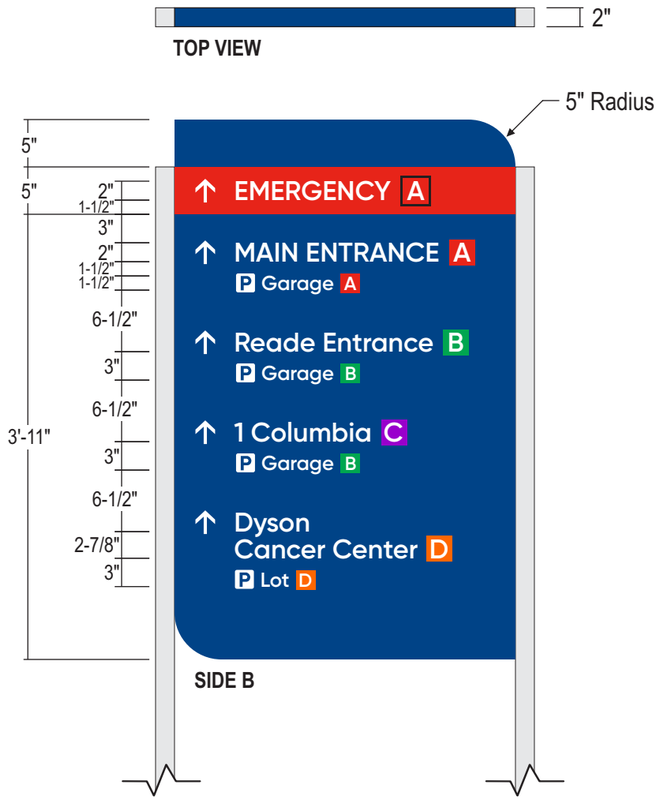
E13 NON ILLUM DIRECTIONAL

Scale: 3/4"=1'-0"

D-5-N-CUSTOM

14.25 square feet





CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue & Red. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

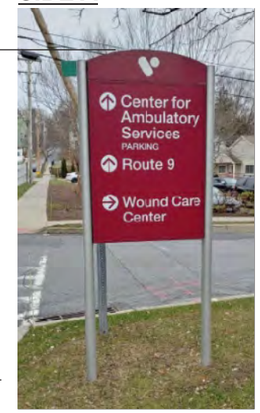
INSTALL: Direct Burial into concrete footer

QUANTITY: (1) one directional sign required

COLOR PALETTE

- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **CABINET:** Painted to match PMS 485C, MP 643 (R191582), semi-gloss
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-186 Bright Green
- **GRAPHICS:** 3M 7725-14 Bright Orange
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 7725-78 Plum Purple
- **GRAPHICS:** 3M 7725-13 Tomato Red
- **GRAPHICS:** 3M 680-85 Black (Reflects White)

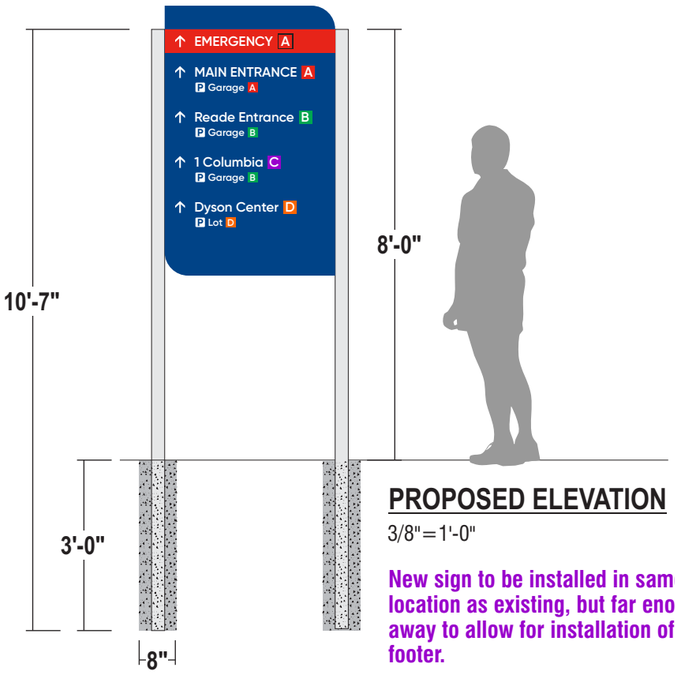
SIDE A



SIDE B

EXISTING CONDITIONS

Existing 4'-9"H x 3'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

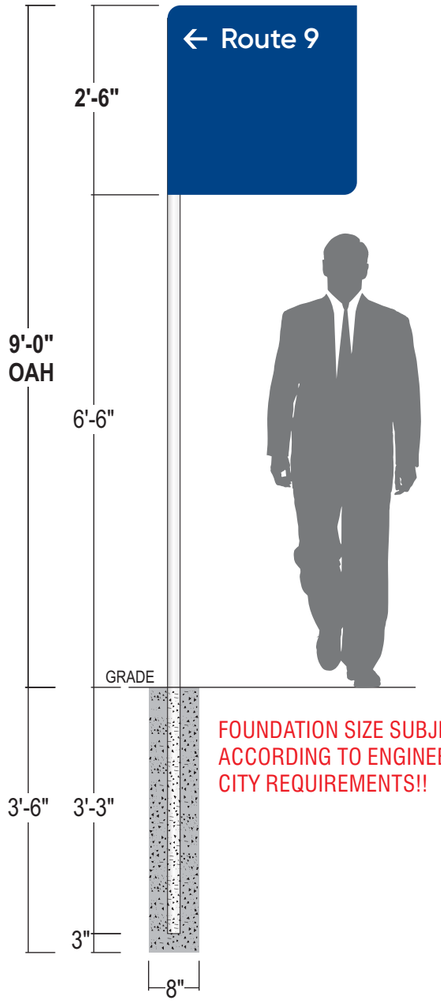
3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

Updated sign number

E14 S/F NON ILLUM POLE MOUNTED DIRECTIONAL — RW-4-CUSTOM

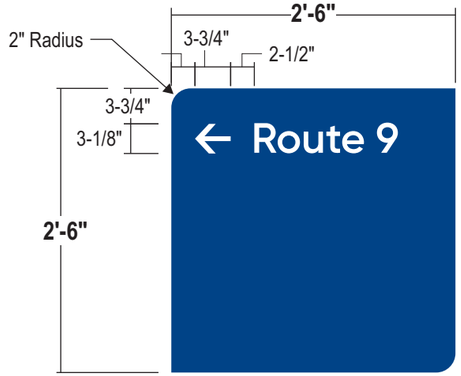
Scale: as noted — 4 square feet



FOUNDATION SIZE SUBJECT TO CHANGE ACCORDING TO ENGINEERING SPECS & CITY REQUIREMENTS!!

ELEVATION Scale: 1/2"=1'-0"

TOP SECTION VIEW Scale: 1-1/2"=1'-0"



FACE DETAIL Scale: 3/4"=1'-0"

PANEL: .125 alum. panel radius corners as shown painted Nuvance Blue semi-gloss front & back. Weld 2x2x.125" alum. angle to backside to secure to pole

GRAPHICS: applied die-cut reflective vinyl graphics

TYPEFACE: Gilroy Semibold

POST: 2x2x.125" alum support to rear of sign for attachment Post behind panel painted Blue; Post below panel painted Silver Metallic - semi-gloss

INSTALL: Direct burial installation into concrete footer to meet city code & engineering requirement
No direct earth bury

QUANTITY: (1) S/F post & panel required

COLOR PALETTE

BACKGROUND:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

COPY:
3M 680-10 Reflective White

POLE:
Silver Metallic
MP 18073 (R190961), semi-gloss

PROPOSED SIGNAGE not to scale

No sign at location. New sign to be installed in previous location.
Final location TBV by Nuvance Health.

PREVIOUS CONDITIONS:

Previous 4'-0"H x 2'-0"W sign has been removed

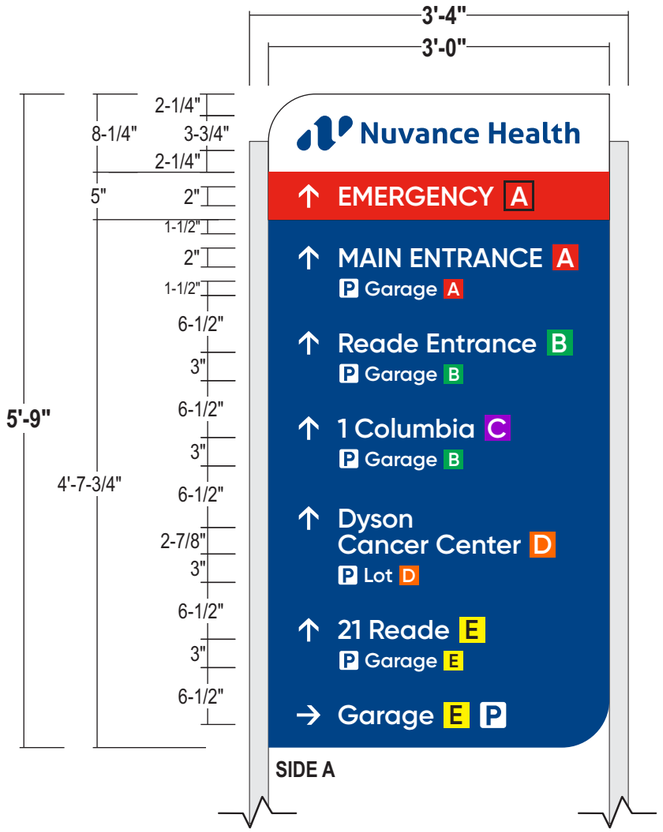
Updated sign number

E15 NON ILLUM DIRECTIONAL

Scale: 3/4"=1'-0"

CUST-D-n

17.25 square feet



CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue, White, & Red. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

INSTALL: Direct Burial into concrete footer

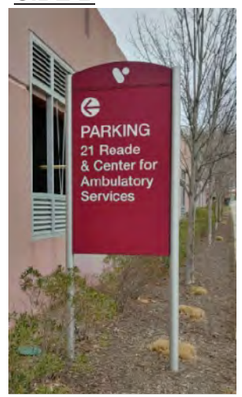
QUANTITY: (1) one directional sign required

COLOR PALETTE

- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **CABINET:** MP 27386 Verizon White, semi-gloss
- **CABINET:** Painted to match PMS 485C, MP 643 (R191582), semi-gloss
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-186 Bright Green
- **GRAPHICS:** 3M 7725-14 Bright Orange
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 7725-78 Plum Purple
- **GRAPHICS:** 3M 680-85 Black (Reflects White)
- **GRAPHICS:** 3M 7725-13 Tomato Red

SIDE A

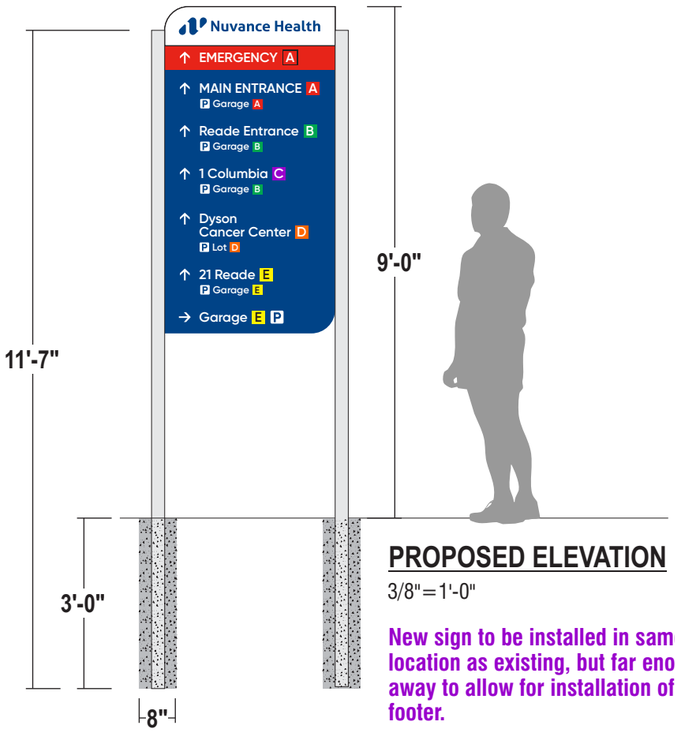
SIDE B



9'-0" OAH

EXISTING CONDITIONS

Existing 5'-9"H x 3'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

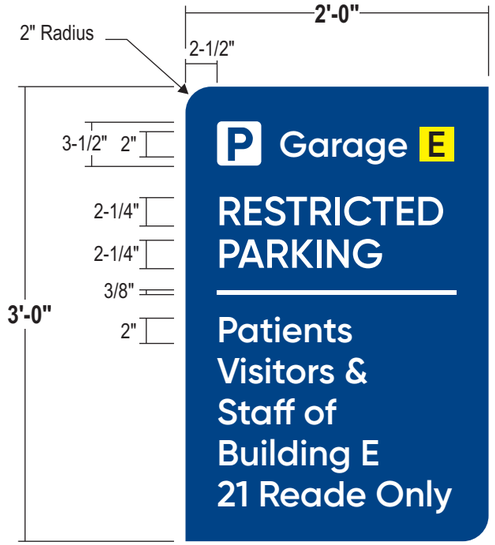
Updated sign number

E16 S/F NON ILLUM WALL MOUNTED DIRECTIONAL

RW-3-CUSTOM

Scale: 1"=1'-0"

6 square feet



PANEL: .125 alum. panel radius corners as shown. All exposed surfaces painted Nuvance Blue semi-gloss

GRAPHICS: applied die-cut reflective vinyl graphics

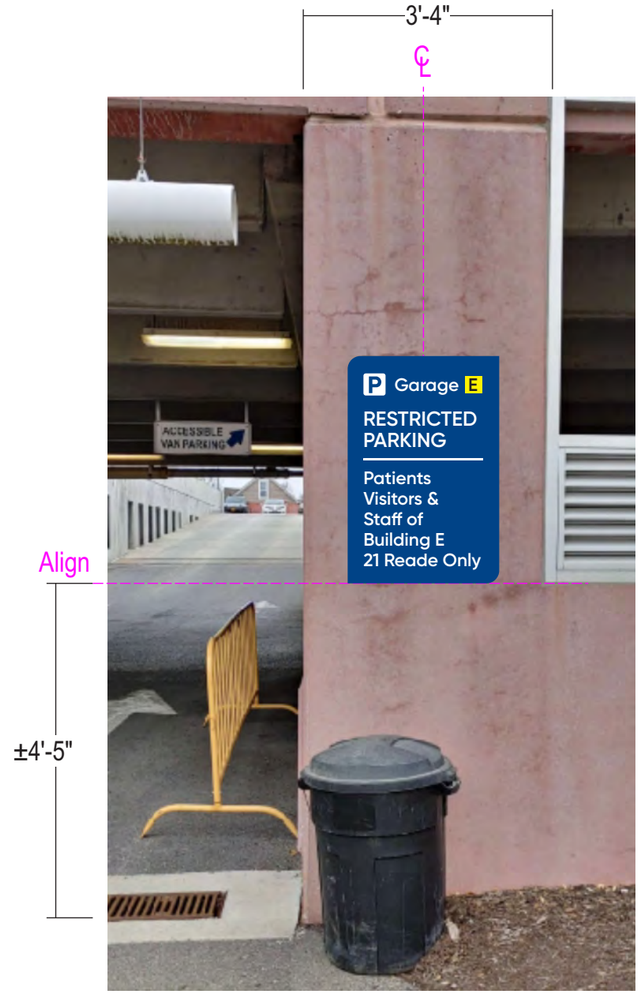
TYPEFACE: Gilroy Semibold

INSTALL: Mount to wall w/ concealed welded studs. All penetrations filled w/ clear silicone

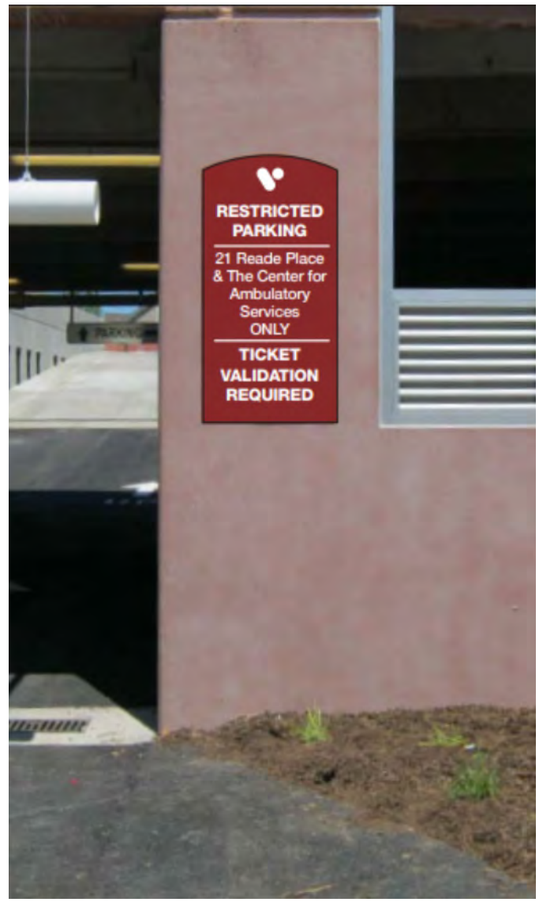
QUANTITY: (1) one S/F panel required

COLOR PALETTE

- **PANEL:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 680-85 Black (Reflects White)



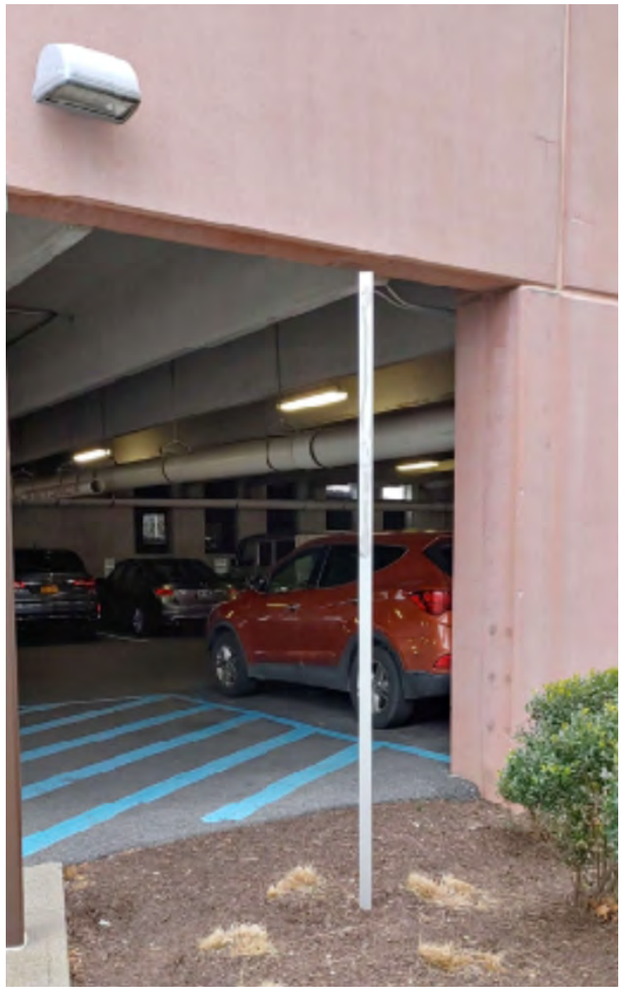
PROPOSED SIGNAGE 1/2"=1'-0"



PREVIOUS CONDITIONS:

Previous 4'-0"H x 2'-0"W sign has been removed

Updated sign number



REMOVE AND DISCARD EXISTING POST.
LANDSCAPING TO BE REPAIRED AS REQUIRED.

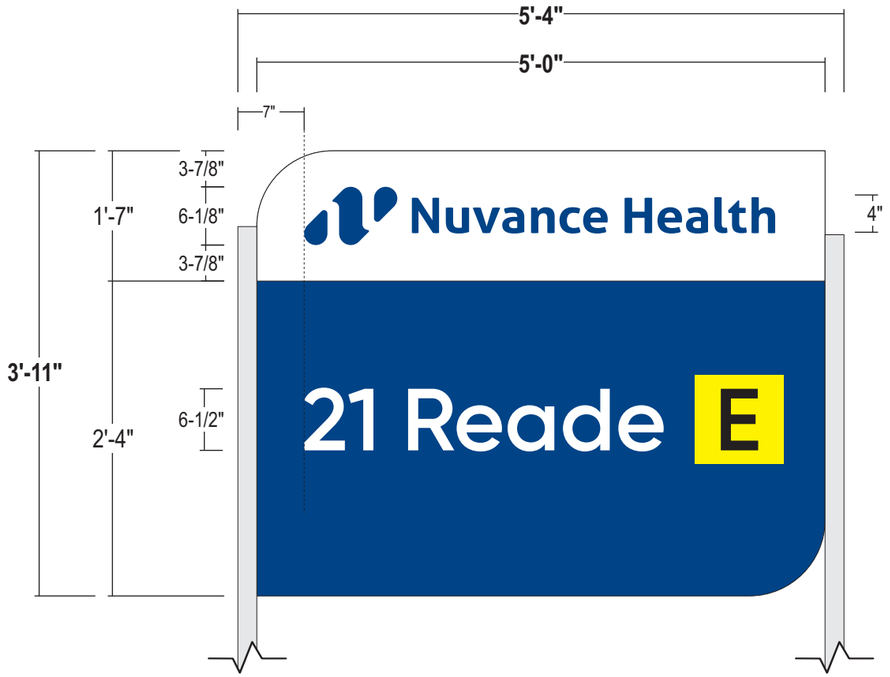
Updated sign number

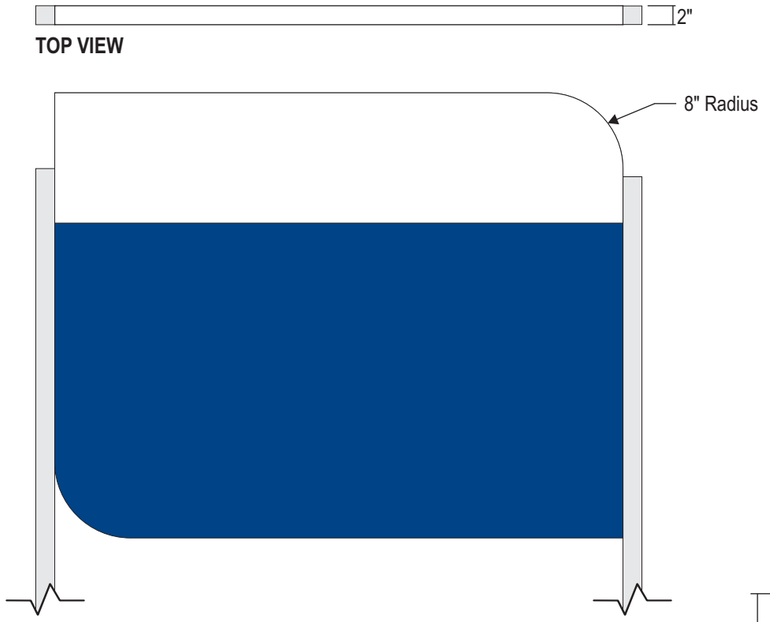
E18 NON ILLUM DIRECTIONAL

L-3-N-CUSTOM

Scale: 3/4"=1'-0"

19.6 square feet





SIDE A

7'-2"
OAH

SIDE B

EXISTING CONDITIONS

Existing 3'-11"H x 5'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.

CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue & White. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

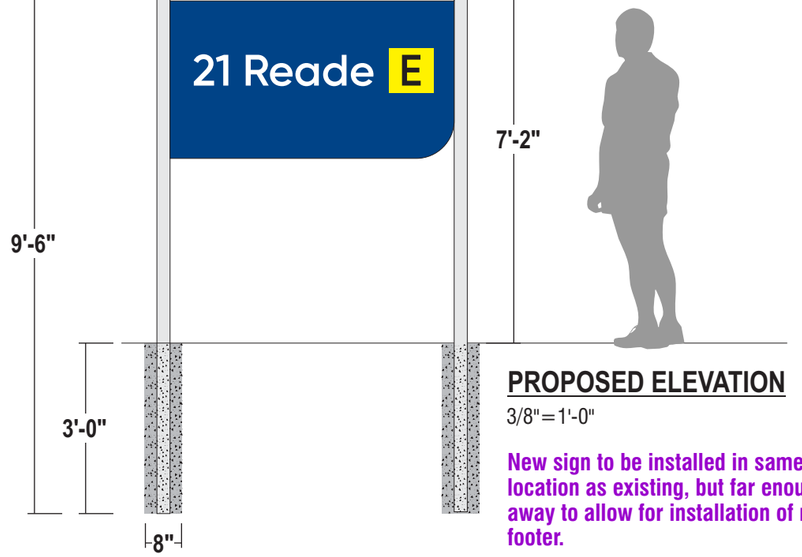
POSTS: 2" square tube aluminum posts painted Metallic Silver

INSTALL: Direct Burial into concrete footer

QUANTITY: (1) one directional sign required

COLOR PALETTE

- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **CABINET:** MP 27386 Verizon White, semi-gloss
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 680-85 Black (Reflects White)



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

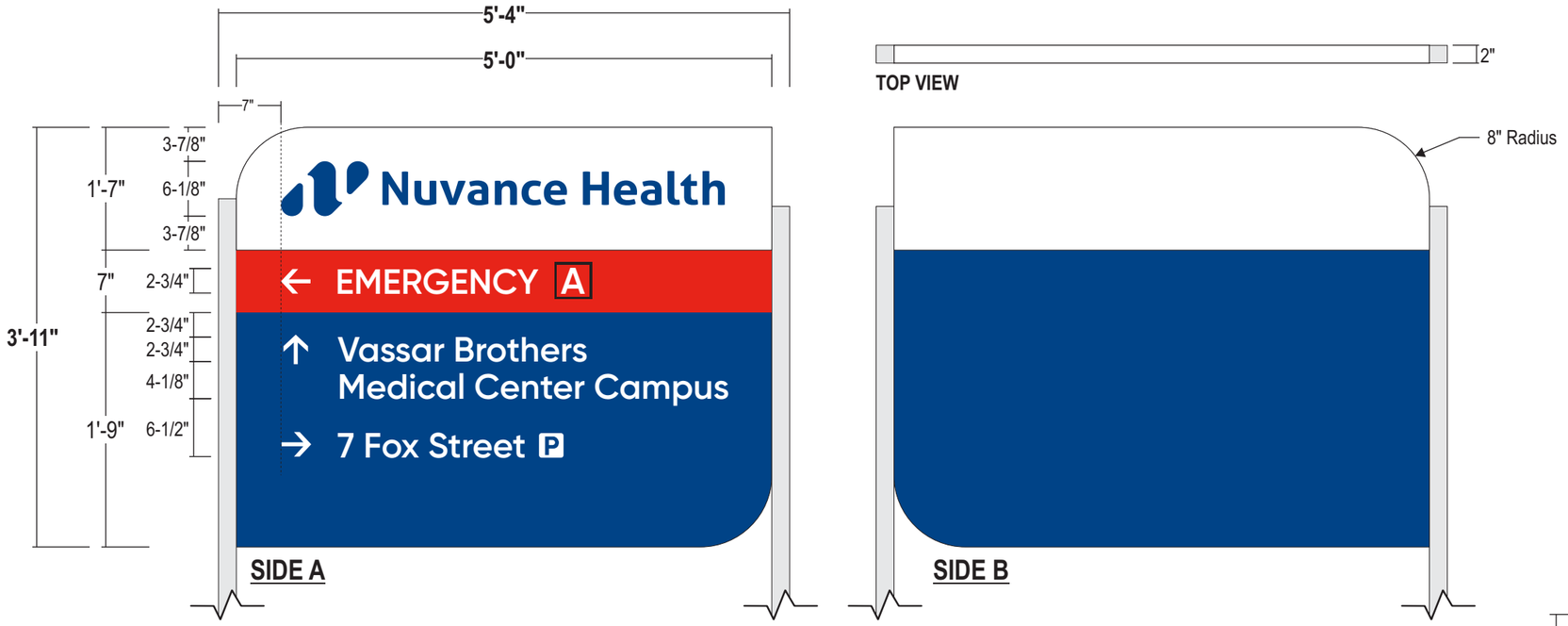
Updated sign number

E19 NON ILLUM DIRECTIONAL

Scale: 3/4"=1'-0"

CUST-D-n

19.6 square feet



CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue, Red, & White. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

INSTALL: Direct Burial into concrete footer

QUANTITY: (1) one directional sign required

COLOR PALETTE

- **CABINET:** MP 27386 Verizon White, semi-gloss
- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 680-85 Black (Reflects White)
- **GRAPHICS:** 3M 7725-13 Tomato Red
- **CABINET:** Painted to match PMS 485C, MP 643 (R191582), semi-gloss
- **HEADER COPY:** 3M 180-37 Sapphire Blue
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss

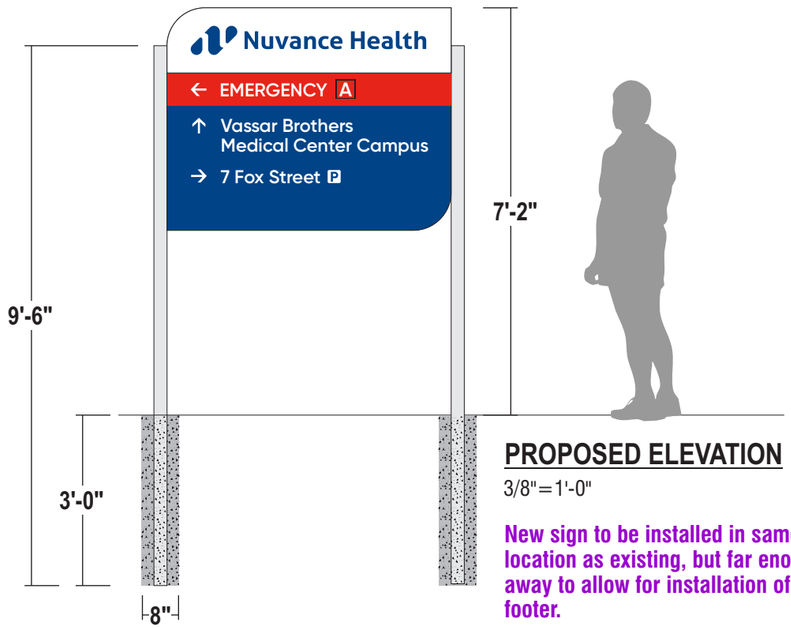
SIDE A

SIDE B

7'-2" OAH

EXISTING CONDITIONS

Existing 3'-11"H x 5'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

Updated sign number

E20 REMOVAL ONLY

REMOVE AND DISCARD EXISTING 3'-11-1/2"h x 1'-11-1/2"w PANEL & POST. LANDSCAPING TO BE BACKFILLED & REPAIRED AS REQUIRED.

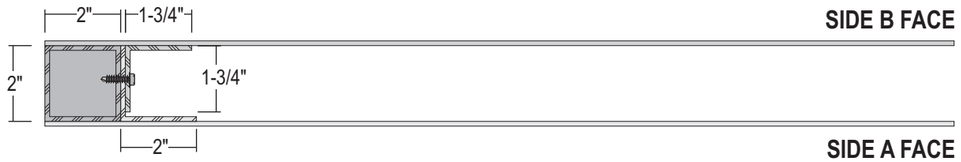
Updated sign number

E21 S/F NON ILLUM POLE MOUNTED DIRECTIONAL

RW-3-CUSTOM

Scale: 1-1/2"=1'-0"

3.8 square feet



TOP SECTION VIEW Scale: 3"=1'-0"

SIDE A FACE

SIDE B FACE

PANEL: .125 alum. panel radius corners as shown painted Nuvance Blue semi-gloss front & back.
Weld 2" x 2" x.125" alum. angle to backside of Side A face to secure to pole. Weld 1-3/4" x1-3/4" x.125" alum. angle to backside of Side B face to secure to Side A angle and pole.

GRAPHICS: applied die-cut reflective vinyl graphics

TYPEFACE: Gilroy Semibold

POST: Existing post to remain & be re-used

INSTALL: Mechanically fasten to existing post

QUANTITY: (2) two S/F panels required

COLOR PALETTE

BACKGROUND:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

COPY:
3M 680-10 Reflective White

scaled proportionally

PROPOSED SIGNAGE:

New panel to be attached to existing post

EXISTING CONDITIONS:

Existing 1'-11-1/2"H x 1'-11-1/2"W panels to be removed & discarded

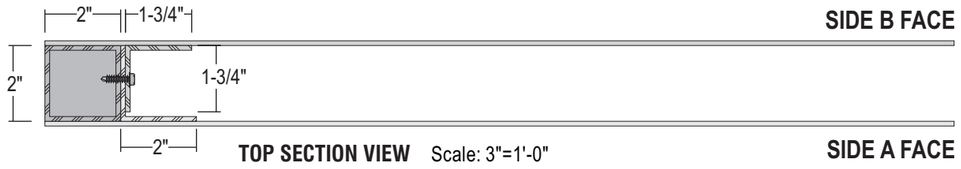
Updated sign number

E22 S/F NON ILLUM POLE MOUNTED DIRECTIONAL

RW-4-CUSTOM

Scale: 1-1/2"=1'-0"

7.75 square feet



TOP SECTION VIEW Scale: 3"=1'-0"

SIDE A FACE **SIDE B FACE**

PANEL: .125 alum. panel radius corners as shown painted Nuvance Blue semi-gloss front & back.
Weld 2" x 2" x.125" alum. angle to backside of Side A face to secure to pole. Weld 1-3/4" x1-3/4" x.125" alum. angle to backside of Side B face to secure to Side A angle and pole.

GRAPHICS: applied die-cut reflective vinyl graphics

TYPEFACE: Gilroy Semibold

POST: Existing post to remain & be re-used

INSTALL: Mechanically fasten to existing post

QUANTITY: (2) two S/F panels required

COLOR PALETTE

BACKGROUND:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

COPY:
3M 680-10 Reflective White

PROPOSED SIGNAGE: scaled proportionally

New panel to be attached to existing post

EXISTING CONDITIONS:

Existing 3'-11-1/2"H x 1'-11-1/2"W panels to be removed & discarded

Updated sign number

E23 REMOVAL ONLY

REMOVE AND DISCARD EXISTING 3'-11-1/2"h x 1'-11-1/2"w PANEL & POST. LANDSCAPING TO BE BACKFILLED & REPAIRED AS REQUIRED.

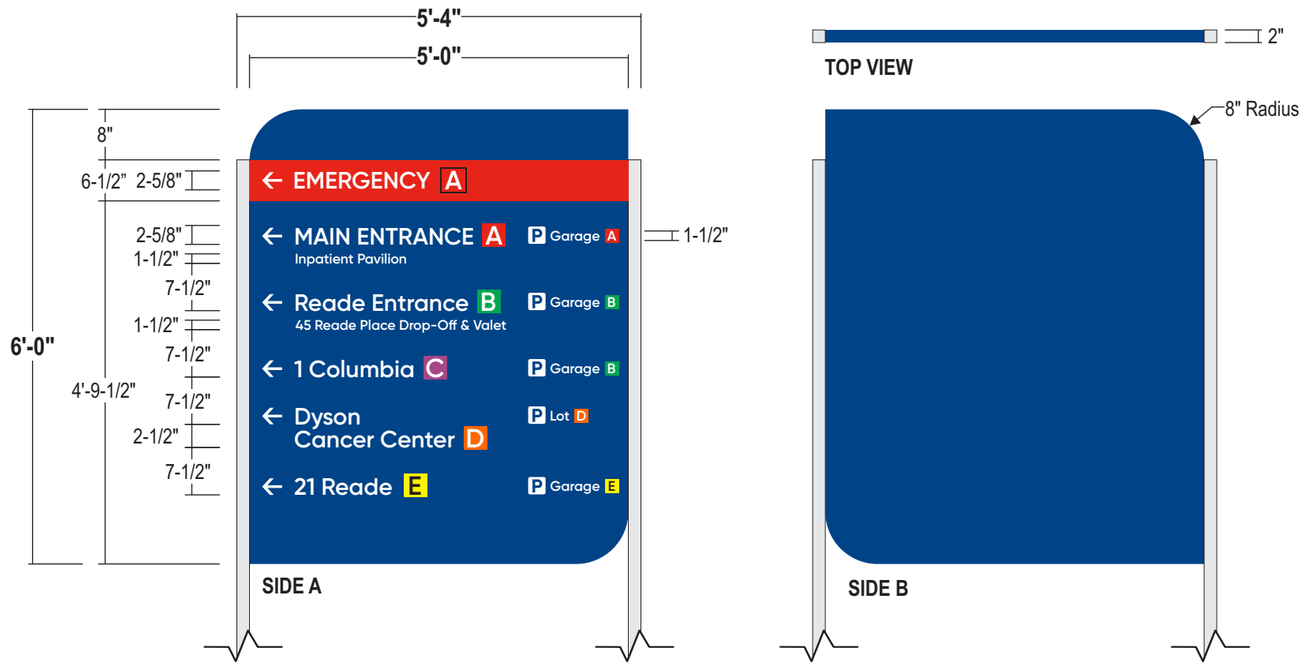
Updated sign number

E24 NON ILLUM DIRECTIONAL

D-5-N-CUSTOM

Scale: 1/2"=1'-0"

31.25 square feet



CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue, & Red. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

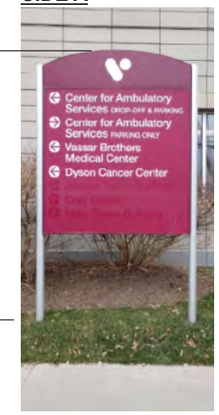
INSTALL: Direct Burial into concrete footer

QUANTITY: (1) one directional sign required

COLOR PALETTE

- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **CABINET:** Painted to match PMS 485C, MP 643 (R191582), semi-gloss
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss
- **DIRECTIONAL COPY:** 3M 680-10 Reflective White
- **GRAPHICS:** 3M 7725-13 Tomato Red
- **GRAPHICS:** 3M 7725-186 Bright Green
- **GRAPHICS:** 3M 7725-14 Bright Orange
- **GRAPHICS:** 3M 7725-15 Bright Yellow
- **GRAPHICS:** 3M 7725-78 Plum Purple
- **GRAPHICS:** 3M 680-85 Black (Reflects White)

SIDE A

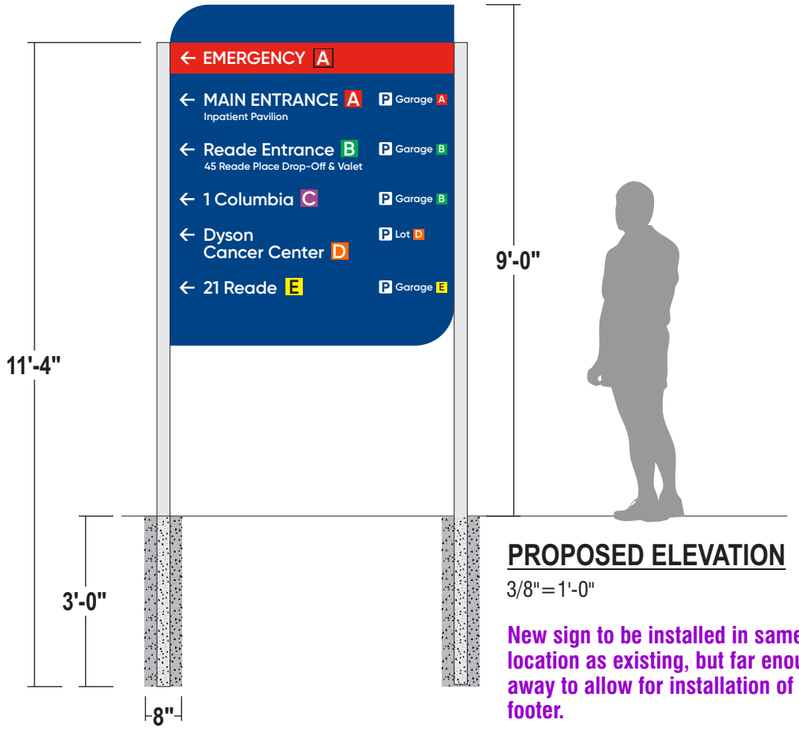


9'-3" OAH

SIDE B

EXISTING CONDITIONS

Existing 6'-3"H x 5'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

Updated sign number

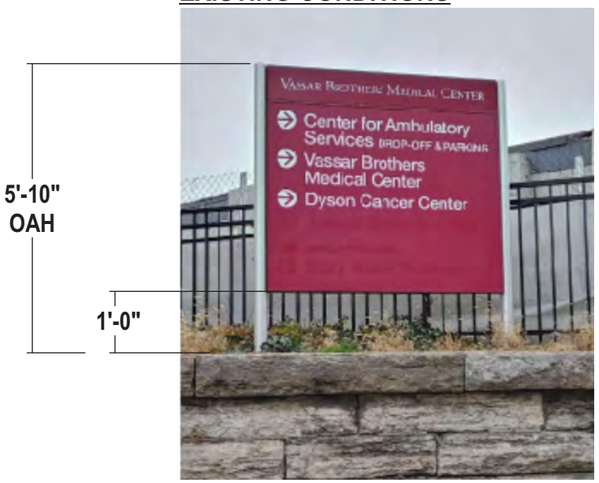
E25 DIRECTIONAL ELEVATION

Scale: 1/4"=1'-0"

PROPOSED SIGNAGE

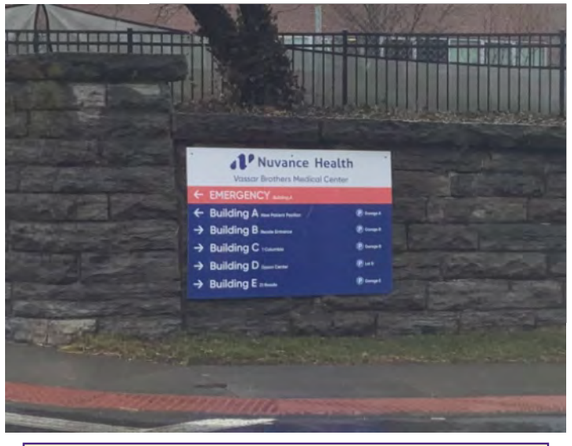
ALLOWABLE SF:	00.0
EXISTING SIGN SF:	00.0
PROPOSED SIGN SF:	39

EXISTING CONDITIONS



Existing 4'-9"H x 5'-0"W cabinet to be removed & discarded.
Posts to be cut-off below grade.

EXISTING CONDITIONS



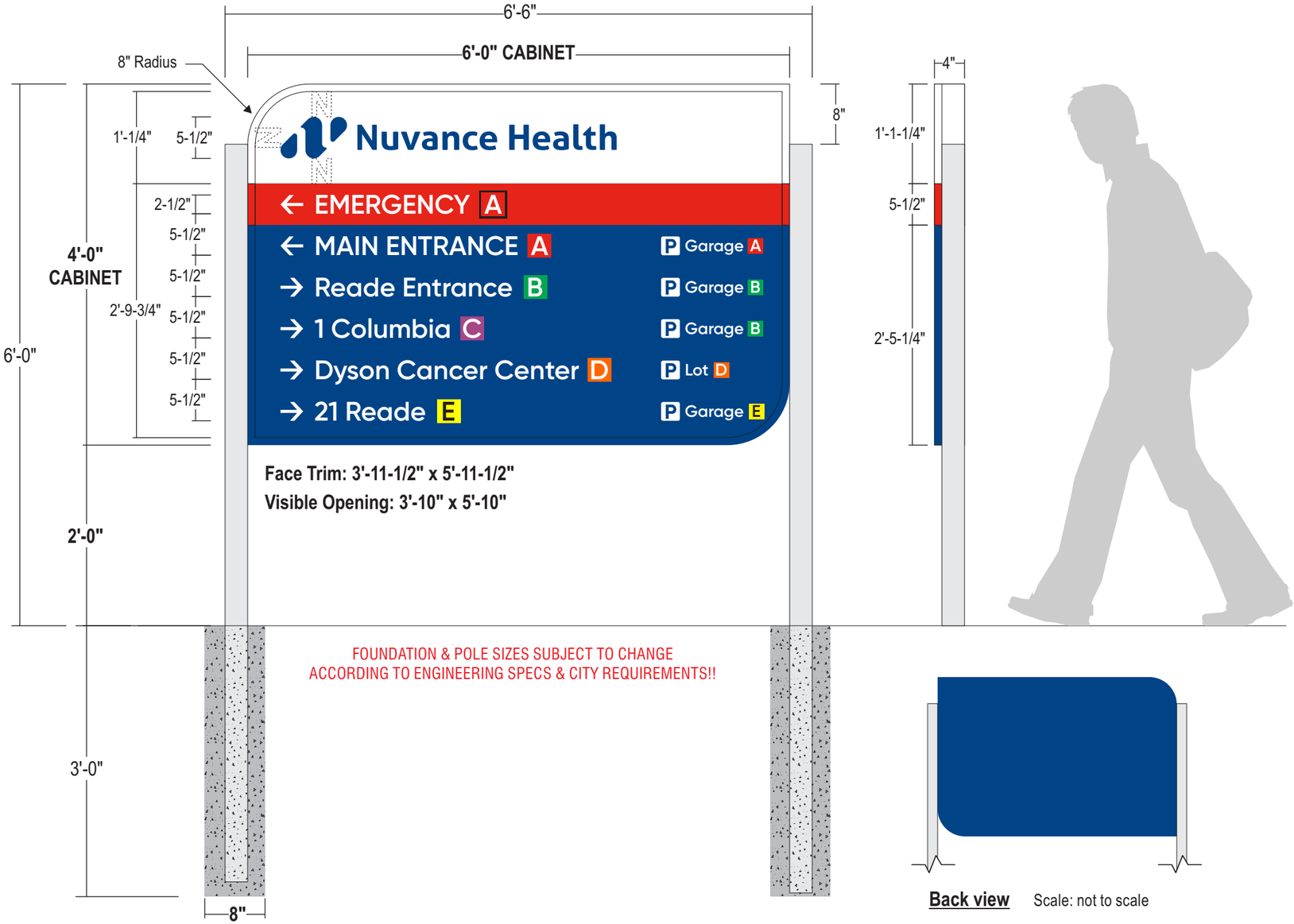
Existing 4'-0" X 6'-0" Temp Sign To Be Removed.

Updated sign number

E25 S/F ILLUM POST & PANEL

Scale: 3/4"=1'-0"

39 square feet



Back view Scale: not to scale

CABINET: 4" deep extruded aluminum cabinet w/ 1" retainers. Painted Nuvance Blue, Red & White.

FACE: .150 Flat White polycarbonate

GRAPHICS: Surface applied translucent vinyl to match colors shown. Lower copy reverse weeded to show thru White.

ILLUM.: White LED's as required by manufacturer. Power supplies to be housed within cabinet.

POSTS: 3" sq aluminum tube posts painted metallic silver

INSTALL: Direct burial into concrete footer

QUANTITY: (1) ONE S/F ILLUM POST & PANEL REQUIRED

COLOR PALETTE

- **CABINET:** Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss
- **CABINET:** MP 27386 Verizon White, semi-gloss
- **CABINET:** Painted to match PMS 485C, MP 643 (R191582), semi-gloss
- **GRAPHICS:** 3M 3630-157 Sultan Blue
- **GRAPHICS:** 3M 3630-43 Light Tomato Red
- **GRAPHICS:** 3M 3630-26 Green
- **GRAPHICS:** 3M 3630-44 Orange
- **GRAPHICS:** 3M 3630-105 Yellow
- **GRAPHICS:** 3M 7725-12 Black
- **GRAPHICS:** 3M 3630-128 Plum Purple
- **POSTS:** Silver Metallic MP 18073 (R190961), semi-gloss

Simulated night time view

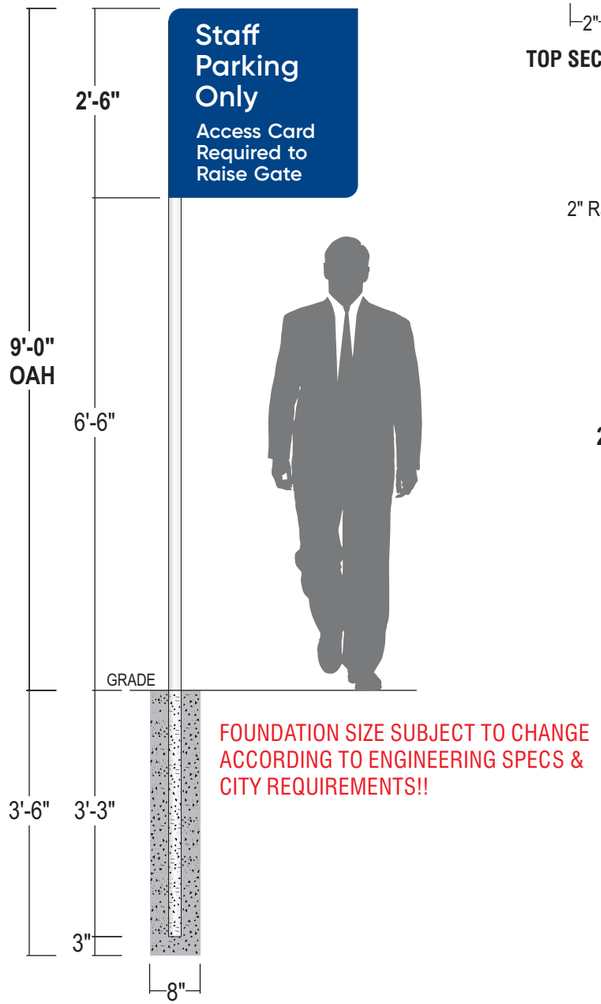
Updated sign number

E26 S/F NON ILLUM POLE MOUNTED DIRECTIONAL

RW-4-CUSTOM

Scale: as noted

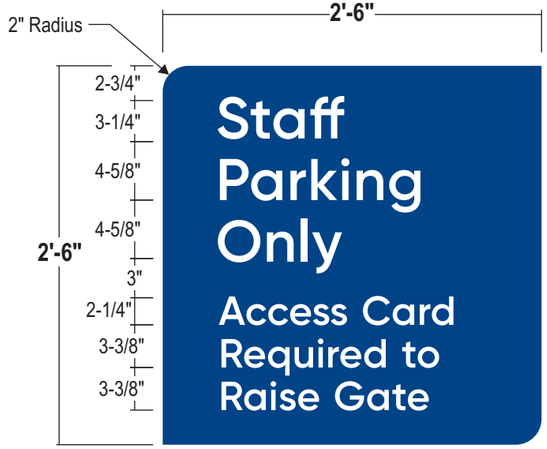
6.25 square feet



FOUNDATION SIZE SUBJECT TO CHANGE ACCORDING TO ENGINEERING SPECS & CITY REQUIREMENTS!!

ELEVATION Scale: 1/2"=1'-0"

TOP SECTION VIEW Scale: 1-1/2"=1'-0"



FACE DETAIL Scale: 1"=1'-0"

PANEL: .125 alum. panel radius corners as shown painted Nuvance Blue semi-gloss front & back. Weld 2x2x.125" alum. angle to backside to secure to pole

GRAPHICS: applied die-cut reflective vinyl graphics

TYPEFACE: Gilroy Semibold

POST: 2x2x.125" alum support to rear of sign for attachment Post behind panel painted Blue; Post below panel painted Silver Metallic - semi-gloss

INSTALL: Direct burial installation into concrete footer to meet city code & engineering requirement
No direct earth bury

QUANTITY: (1) S/F post & panel required

COLOR PALETTE

BACKGROUND:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

COPY:
3M 680-10 Reflective White

POLE:
Silver Metallic
MP 18073 (R190961), semi-gloss

PROPOSED SIGNAGE

No sign at location. Final location TBV by Nuvance Health.

EXISTING ENTRANCE SIGN

PREVIOUS CONDITIONS:

Previous 4'-0"H x 2'-0"W sign has been removed

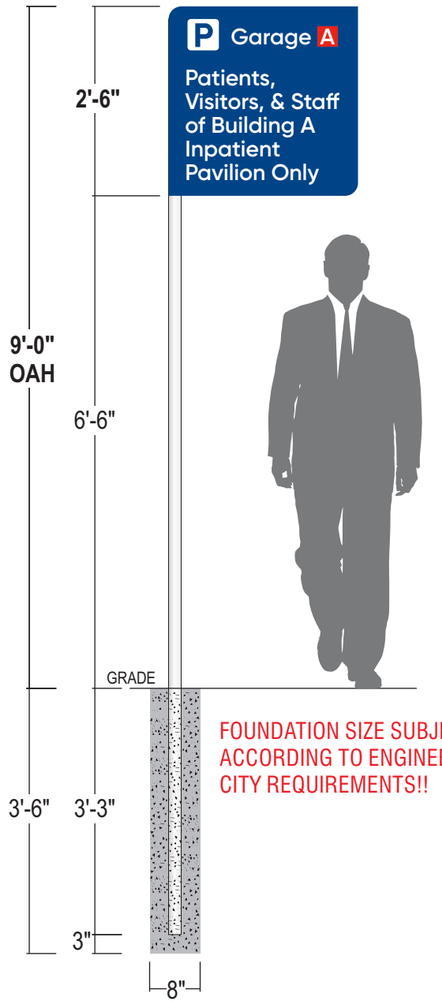
Updated sign number

E27 S/F NON ILLUM POLE MOUNTED DIRECTIONAL

RW-4-CUSTOM

Scale: as noted

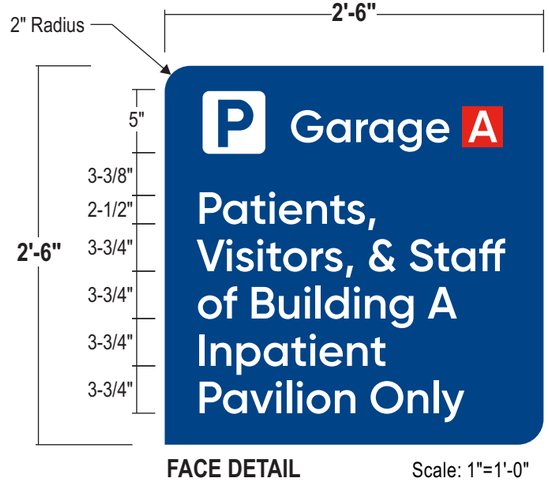
6.25 square feet



FOUNDATION SIZE SUBJECT TO CHANGE ACCORDING TO ENGINEERING SPECS & CITY REQUIREMENTS!!

ELEVATION Scale: 1/2"=1'-0"

TOP SECTION VIEW Scale: 1-1/2"=1'-0"



FACE DETAIL Scale: 1"=1'-0"

PANEL: .125 alum. panel radius corners as shown painted Nuvance Blue semi-gloss front & back. Weld 2x2x.125" alum. angle to backside to secure to pole

GRAPHICS: applied die-cut reflective vinyl graphics

TYPEFACE: Gilroy Semibold

POST: 2x2x.125" alum support to rear of sign for attachment Post behind panel painted Blue; Post below panel painted Silver Metallic - semi-gloss

INSTALL: Direct burial installation into concrete footer to meet city code & engineering requirement
No direct earth bury

QUANTITY: (1) S/F post & panel required

COLOR PALETTE

BACKGROUND:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

COPY:
3M 680-10 Reflective White

POLE:
Silver Metallic
MP 18073 (R190961), semi-gloss

GRAPHICS:
3M 7725-13 Tomato Red

PROPOSED SIGNAGE not to scale

No sign at location.
Final location TBV by Nuvance Health.

PREVIOUS CONDITIONS:

Previous 4'-0"H x 2'-0"W sign has been removed

Updated sign number

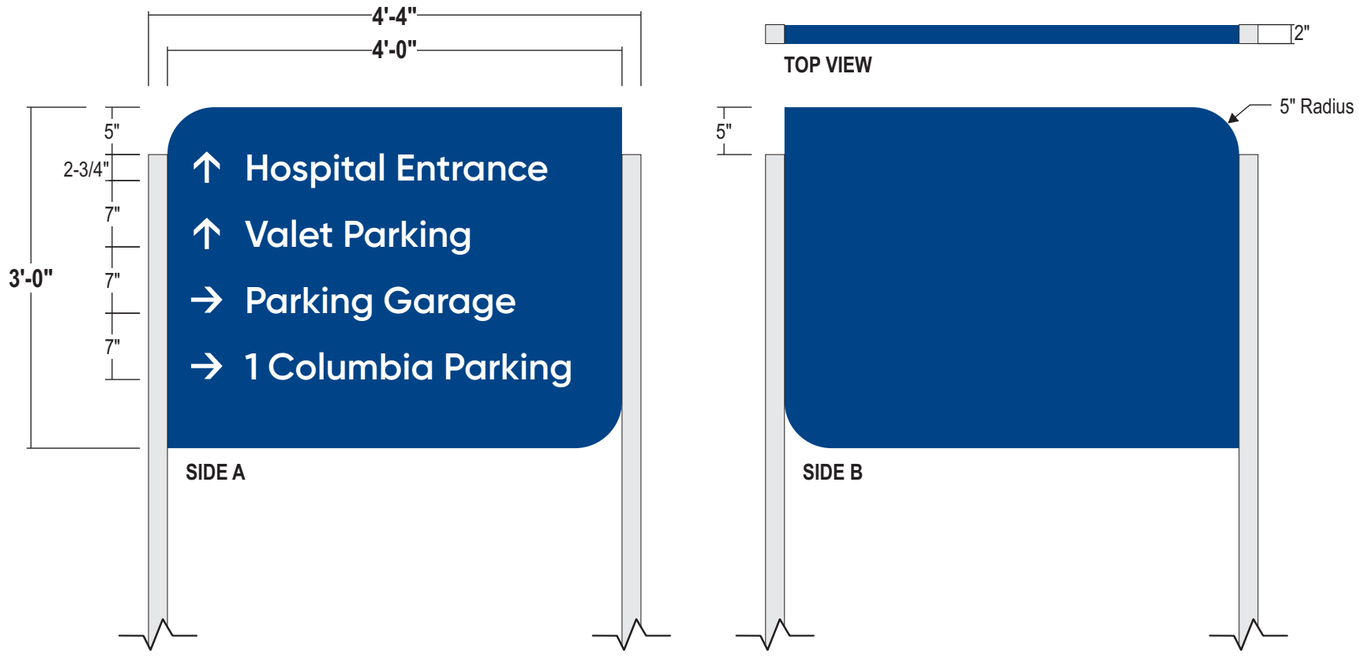
E28 NON ILLUM DIRECTIONAL

Scale: 3/4"=1'-0"

D-5-N-CUSTOM

12 square feet

NUVANCE HEALTH TO DETERMINE IF EXISTING SIGN WILL BE REMOVED OR RETROFIT WITH NEW CABINET



CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics

TYPEFACE: Gilroy Semi-bold

POSTS: 2" square tube aluminum posts painted Metallic Silver

INSTALL: Direct Burial into concrete footer

QUANTITY: (1) one directional sign required

COLOR PALETTE

CABINET:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

POSTS:
Silver Metallic MP 18073 (R190961), semi-gloss

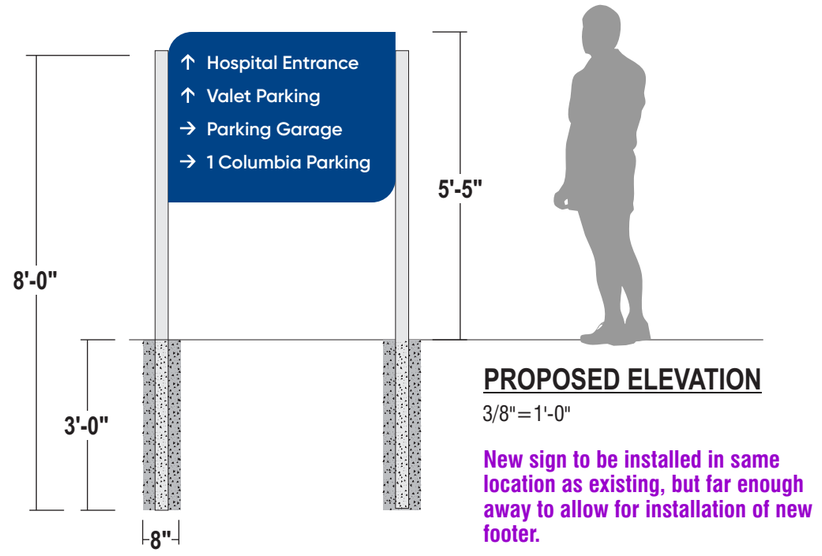
DIRECTIONAL COPY:
3M 680-10 Reflective White

SIDE A

SIDE B

EXISTING CONDITIONS

Existing 3'-0"H x 4'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

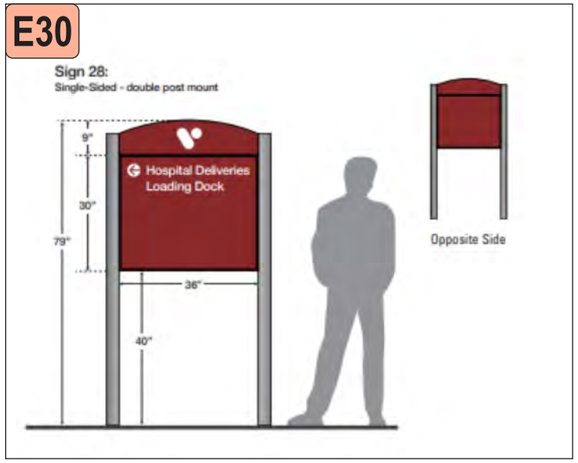
Updated sign number

REMOVED FROM SCOPE

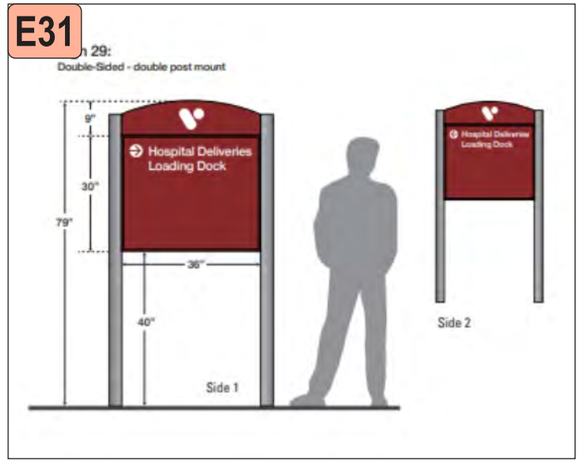
SIGN LOCATIONS BELOW NO LONGER EXISTING AS THEY WERE LOCATED IN THE NEWLY CONSTRUCTED HOSPITAL EXPANSION.

E29

E30



E31



E32

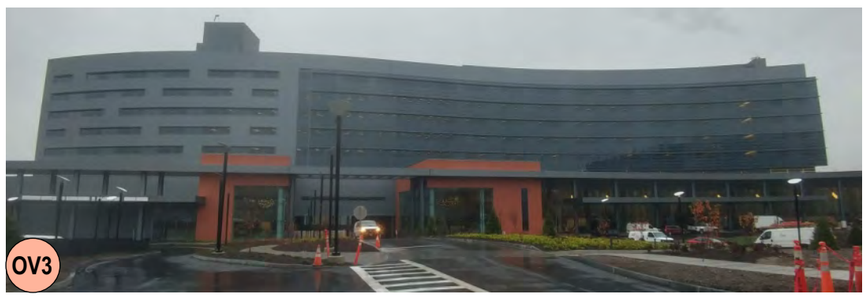
E33

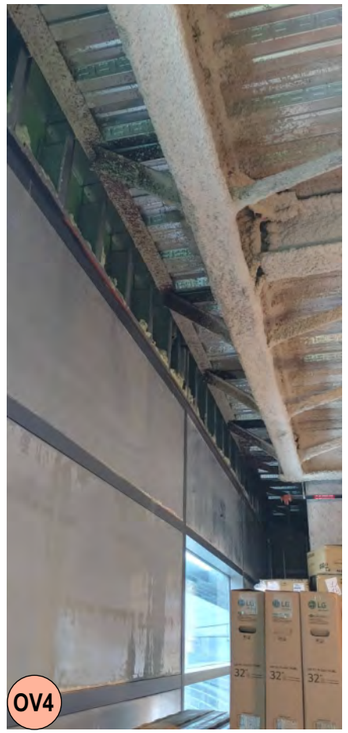
Updated sign number

E34 BED TOWER - SOUTH BUILDING - EAST ELEVATION OVERVIEW PHOTOS

OV1

OV2


OV3


OV4

OV5

OV6

OV7

OV8

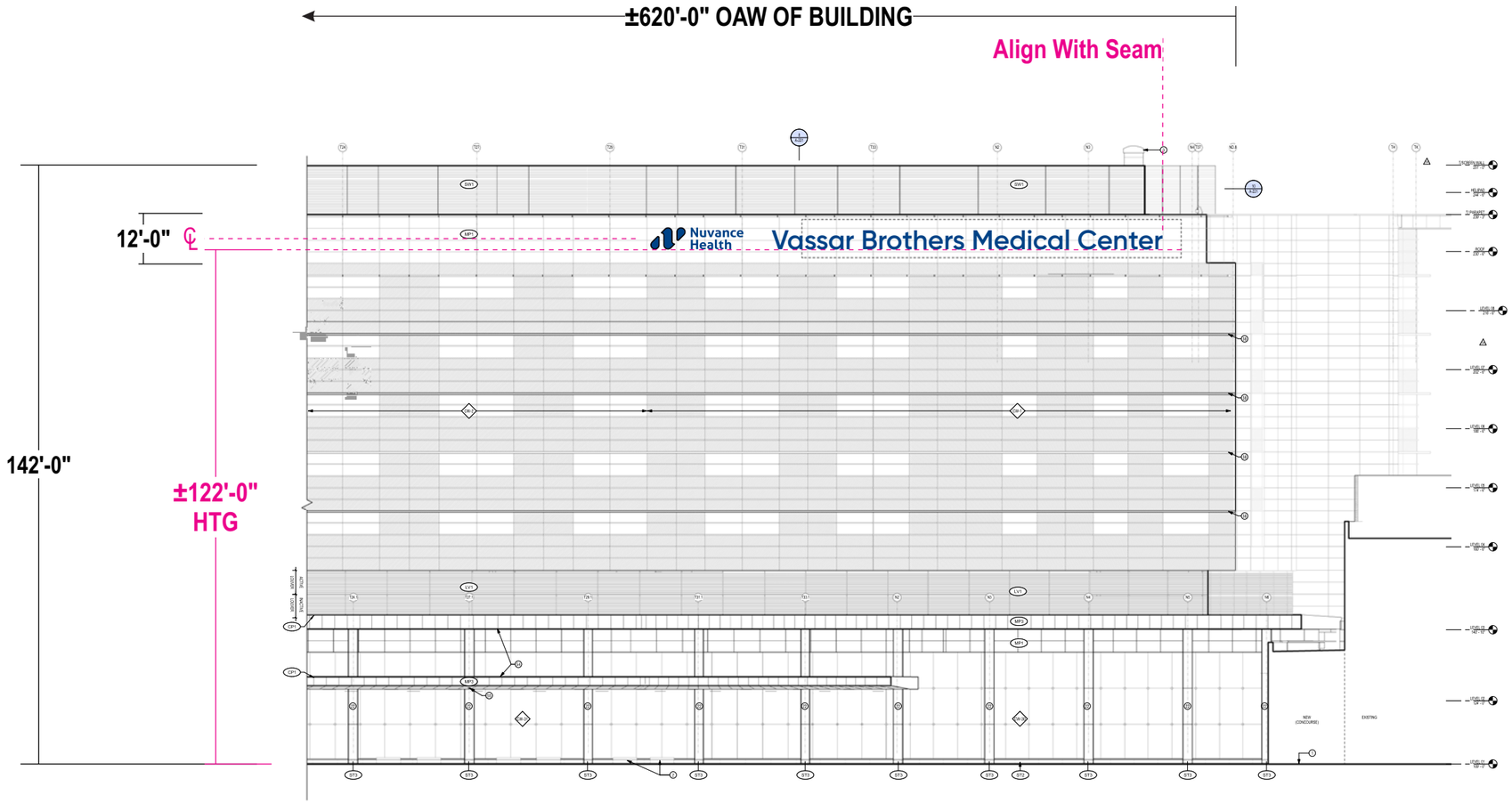
OV9

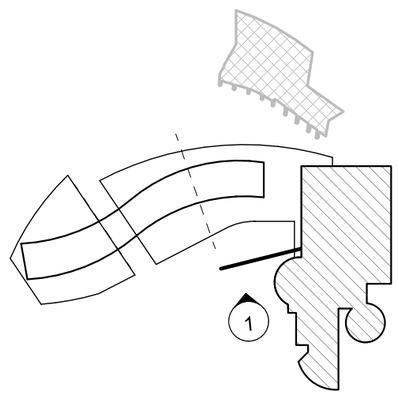
Updated sign number

E34 BED TOWER - EAST ELEVATION

Scale: 1/32"=1'-0"

ALLOWABLE SF:	60
EXISTING SIGN SF:	N/A
PROPOSED SIGN SF:	530.3





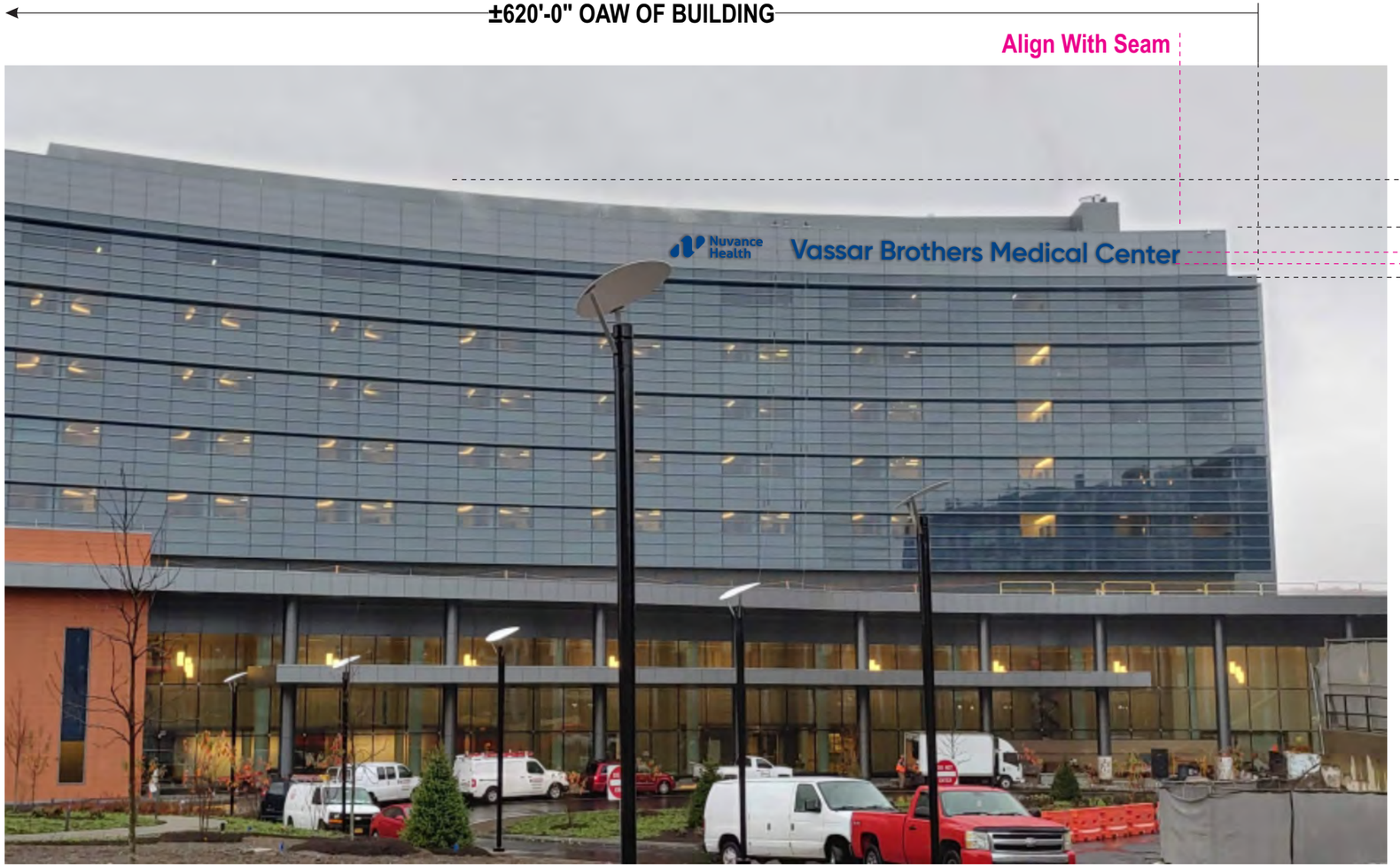
Updated sign number

E34 BED TOWER - PROPOSED EAST ELEVATION

Scale: 1/32"=1'-0"

ALLOWABLE SF:	60
EXISTING SIGN SF:	N/A
PROPOSED SIGN SF:	530.3

EXISTING CONDITIONS



PROPOSED SIGNAGE

ILLUSTRATES VARIANCE SIGNAGE FROM ±330' AWAY

Updated sign number

E34 BED TOWER - PROPOSED EAST ELEVATION - ADDITIONAL VIEWS

Scaled Proportionately

ALLOWABLE SF:	60
EXISTING SIGN SF:	N/A
PROPOSED SIGN SF:	530.3

ILLUSTRATES VARIANCE SIGNAGE FROM ±660' AWAY

Updated sign number

E34 BED TOWER - PROPOSED EAST ELEVATION - ADDITIONAL VIEWS

Scaled Proportionately

ALLOWABLE SF:	60
EXISTING SIGN SF:	N/A
PROPOSED SIGN SF:	530.3

ILLUSTRATES VARIANCE SIGNAGE FROM ±645' AWAY

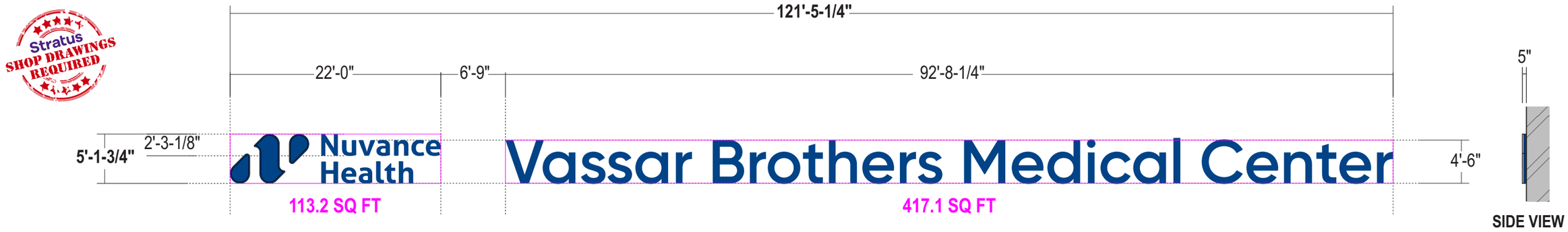
Updated sign number

E34 FACE LIT CHANNEL LETTERS - BLUE

Scale: 3/32"=1'-0"

PLS-54-B

530.3 square feet



FACES: .177" thick #7328 White polycarbonate w/ surface applied dual color film to match PMS 7687; To illuminate white at night.
CUSTOM SPECS DUE TO LARGE SIZE OF LETTERS

LOGO RETAINERS: Fabricated 1" x 1-1/2" metal retainers painted Blue
CUSTOM SPECS DUE TO LARGE SIZE OF LOGO

TRIMCAP: 1" jewelite - painted Nuvance Blue

RETURNS: 5" deep .063 alum. paint exterior Nuvance White, semi-gloss / insides painted w/ light enhancement paint (lettersets cap ht. larger than 30")

BACKS: .125 alum. backs - insides painted w/ light enhancement paint (lettesets cap ht larger than 36")

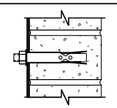
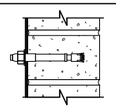
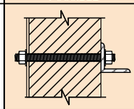
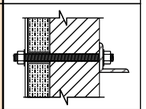
ILLUMINATION: Illuminate w/ white Sloan (or approved equivalent) LEDs (6500k); Remote power supplies

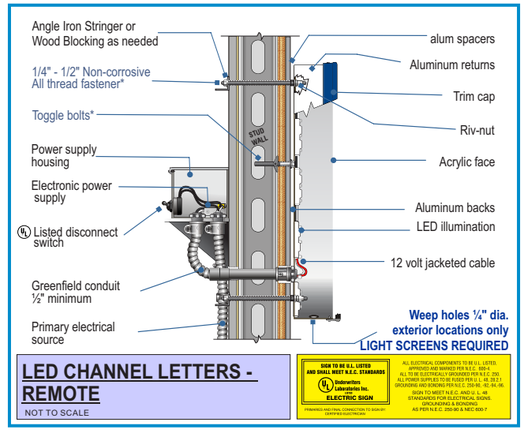
WALL MATERIAL: **NOT PROVIDED AT THIS TIME**

INSTALL: Preferred install is thru bolted to wall surface w/ 1/2" alum. spacers at connection points to allow for (greenfield connectors) using min 3/8" all thread fasteners; min 4 per letter. blocking as required

QUANTITY: (1) One set required

INSTALLATION NOTE:
LETTERS TO BE THRU BOLTED BY DRILLING THRU THE WALL
DEPTH OF ±36" REFER TO ENGINEERING DRAWINGS FOR DETAILS.

WALL TYPE	CMU, BRICK	PRE-CAST CONCRETE, CONCRETE	PREFERRED FOR ALL WALL TYPES WHEN POSSIBLE	EIFS WALL W/ FOAM INSULATION
SECTION				
ANCHOR TYPE	ø1/2" SLEEV ANCHOR (ø3/8" BOLT), 2" MIN. EMBEDMENT	ø3/8" EXPANSION ANCHOR, 2 1/2" MIN. EMBEDMENT	ø 3/8" THREADED ROD	ø 3/8" THREADED ROD W/ ALUMINUM OR PVC COMPRESSION SLEEVE



Simulated night time view

COLOR PALETTE

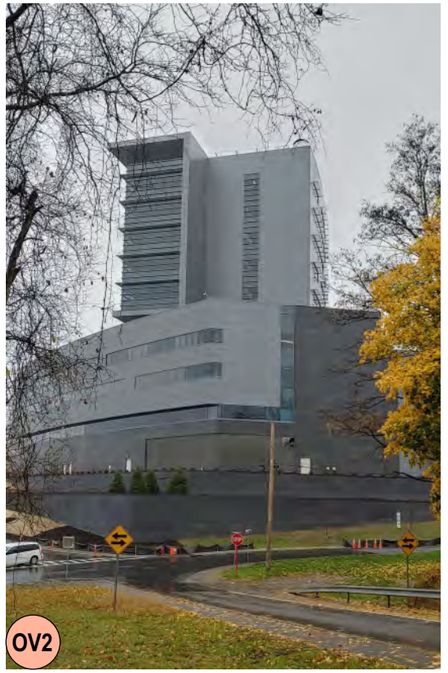
FACES:
3M perforated dual color film printed to match PMS 7687C

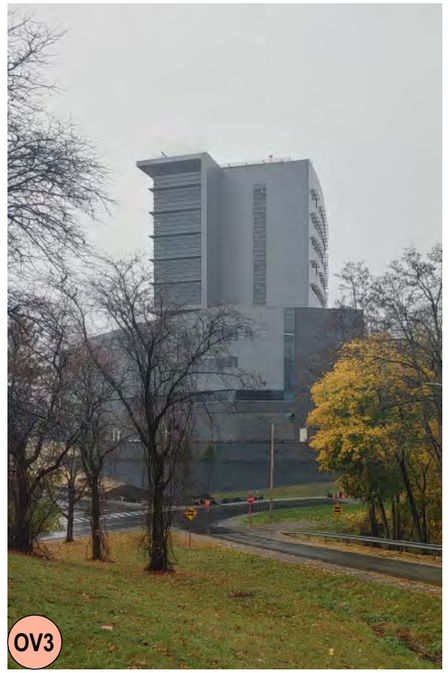
TRIMCAPS:
PMS 7687C,
MP 73230 (R191582), semi-gloss

RETURNS:
White MP 27386, semi-gloss

Updated sign number

E35 BED TOWER - SOUTH BUILDING - SOUTH ELEVATION OVERVIEW PHOTOS

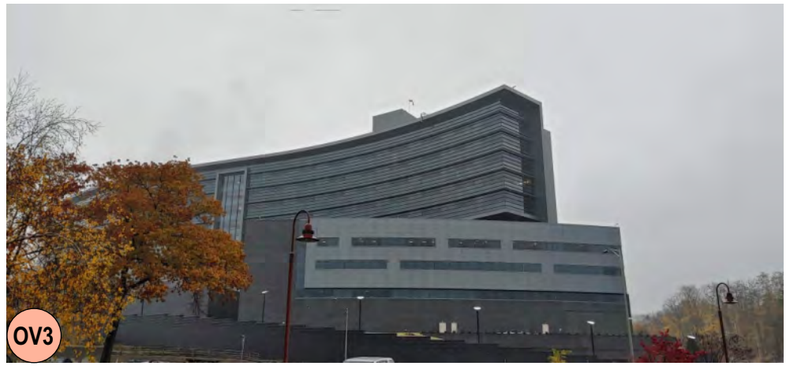




BACK OF FAÇADE AREA WHERE SIGN WOULD BE MOUNTED

Updated sign number

E35 BED TOWER - SOUTH BUILDING - WEST ELEVATION OVERVIEW PHOTOS

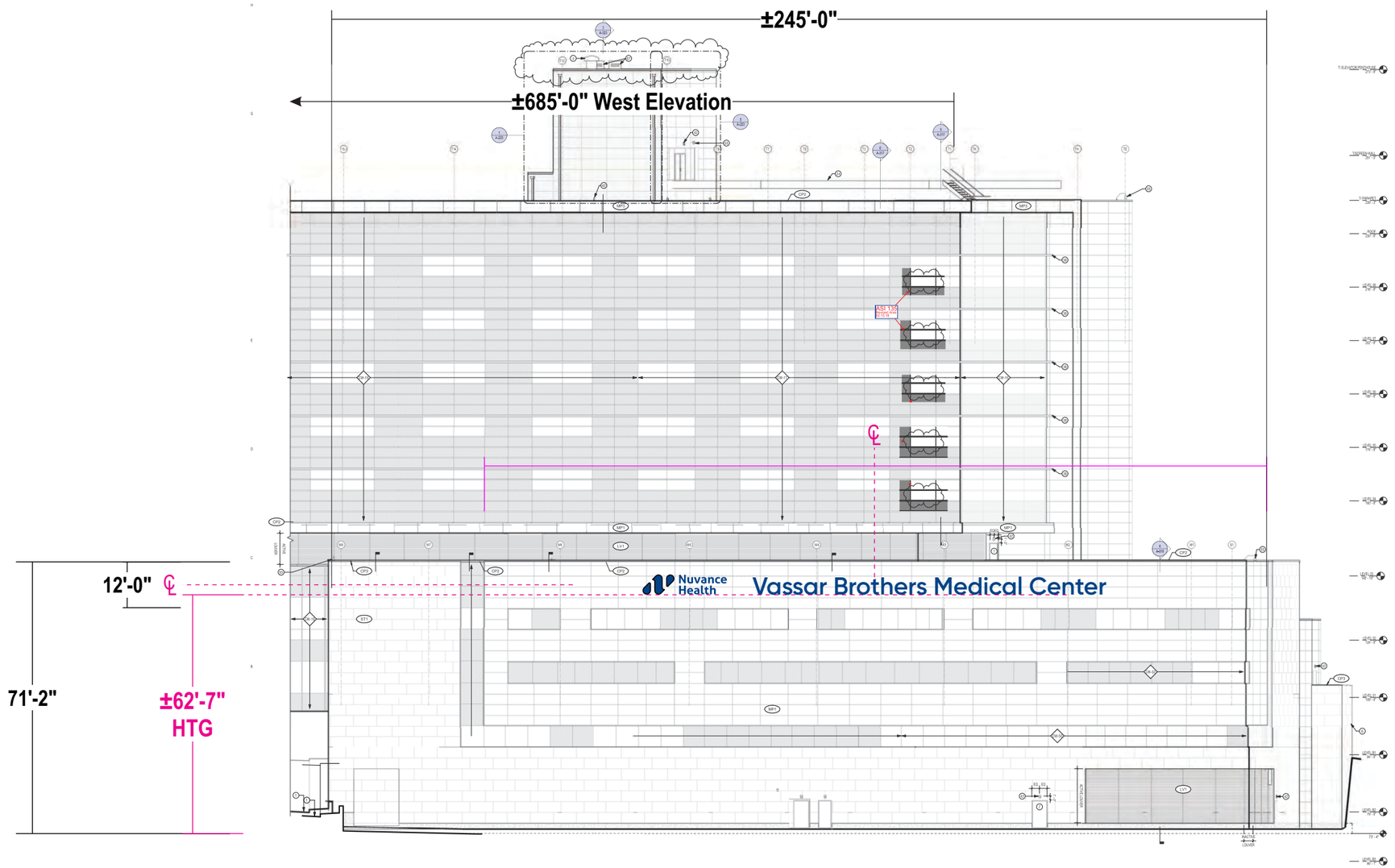


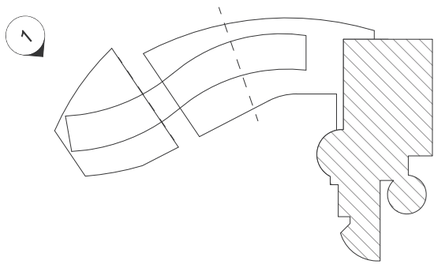
Updated sign number

E35 BED TOWER - SOUTHWEST ELEVATION

Scale: 1/32"=1'-0"

ALLOWABLE SF:	60
EXISTING SIGN SF:	N/A
PROPOSED SIGN SF:	530.3





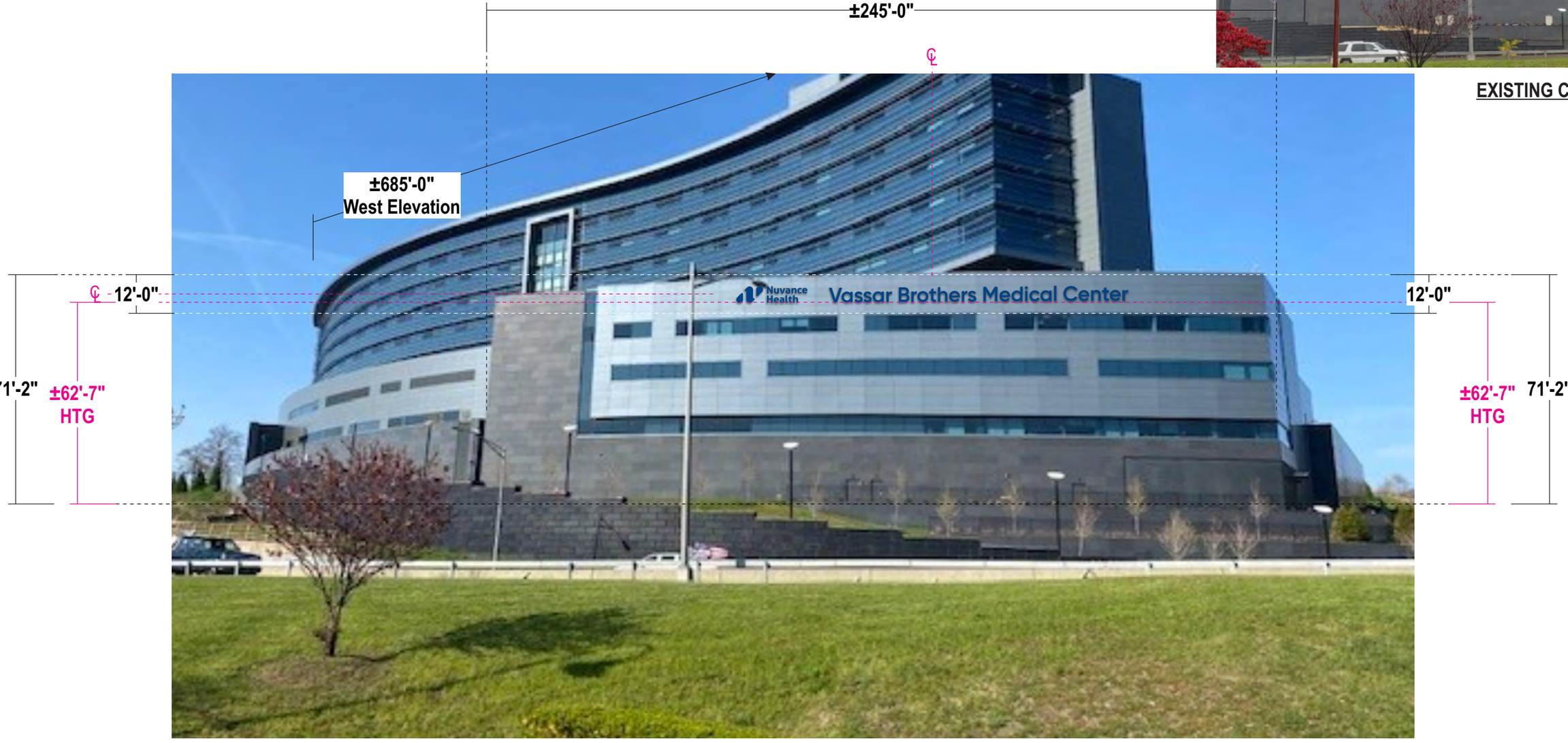
Updated sign number

E35 BED TOWER PROPOSED SOUTHWEST ELEVATION

Scale: 1/32"=1'-0"

ALLOWABLE SF:	60
EXISTING SIGN SF:	N/A
PROPOSED SIGN SF:	530.3

EXISTING CONDITIONS



ILLUSTRATES VARIANCE SIGNAGE FROM ±270' AWAY

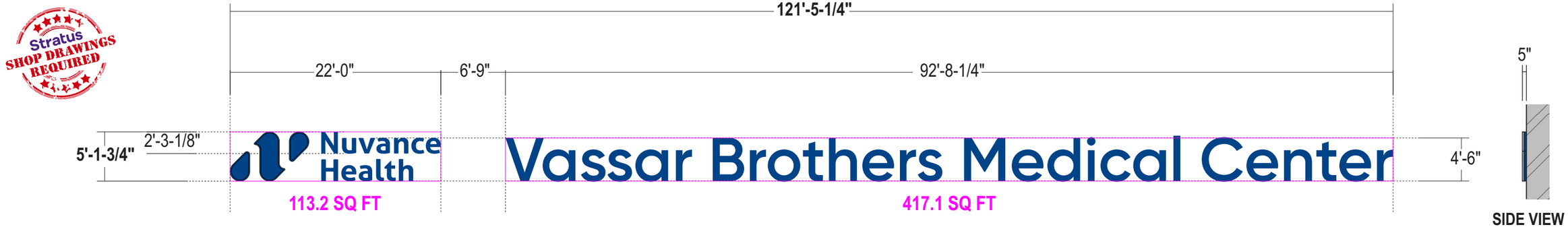
Updated sign number

E35 FACE LIT CHANNEL LETTERS - BLUE

Scale: 3/32"=1'-0"

PLS-54-B

530.3 square feet



FACES: .177" thick #7328 White polycarbonate w/ surface applied dual color film to match PMS 7687; To illuminate white at night.
CUSTOM SPECS DUE TO LARGE SIZE OF LETTERS

LOGO RETAINERS: Fabricated 1" x 1-1/2" metal retainers painted Blue
CUSTOM SPECS DUE TO LARGE SIZE OF LOGO

TRIMCAP: 1" jewelite - painted Nuvance Blue

RETURNS: 5" deep .063 alum. paint exterior Nuvance White, semi-gloss / insides painted w/ light enhancement paint (lettersets cap ht. larger than 30")

BACKS: .125 alum. backs - insides painted w/ light enhancement paint (lettesets cap ht larger than 36")

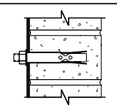
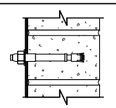
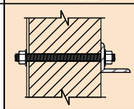
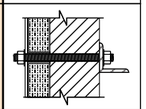
ILLUMINATION: Illuminate w/ white Sloan (or approved equivalent) LEDs (6500k); Remote power supplies

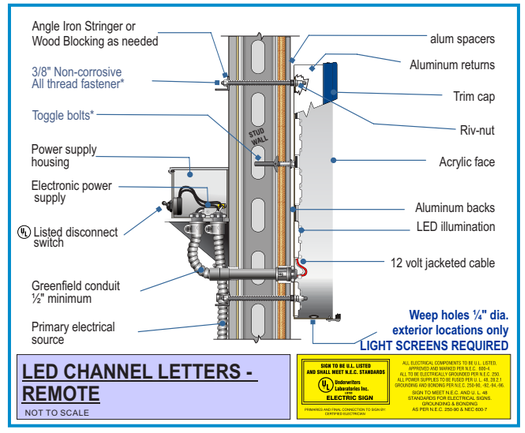
WALL MATERIAL: **NOT PROVIDED AT THIS TIME**

INSTALL: Preferred install is thru bolted to wall surface w/ 1/2" alum. spacers at connection points to allow for (greenfield connectors) using min 3/8" all thread fasteners; min 4 per letter. blocking as required

QUANTITY: (1) One set required

INSTALLATION NOTE:
LETTERS TO BE THRU BOLTED BY DRILLING THRU THE WALL
DEPTH OF ±36" REFER TO ENGINEERING DRAWINGS FOR DETAILS.

WALL TYPE	CMU, BRICK	PRE-CAST CONCRETE, CONCRETE	PREFERRED FOR ALL WALL TYPES WHEN POSSIBLE	EIFS WALL W/ FOAM INSULATION
SECTION				
ANCHOR TYPE	ø1/2" SLEEV ANCHOR (ø3/8" BOLT), 2" MIN. EMBEDMENT	ø3/8" EXPANSION ANCHOR, 2 1/2" MIN. EMBEDMENT	ø 3/8" THREADED ROD	ø 3/8" THREADED ROD W/ ALUMINUM OR PVC COMPRESSION SLEEVE



Simulated night time view

COLOR PALETTE

FACES:
3M perforated dual color film printed to match PMS 7687C

TRIMCAPS:
PMS 7687C,
MP 73230 (R191582), semi-gloss

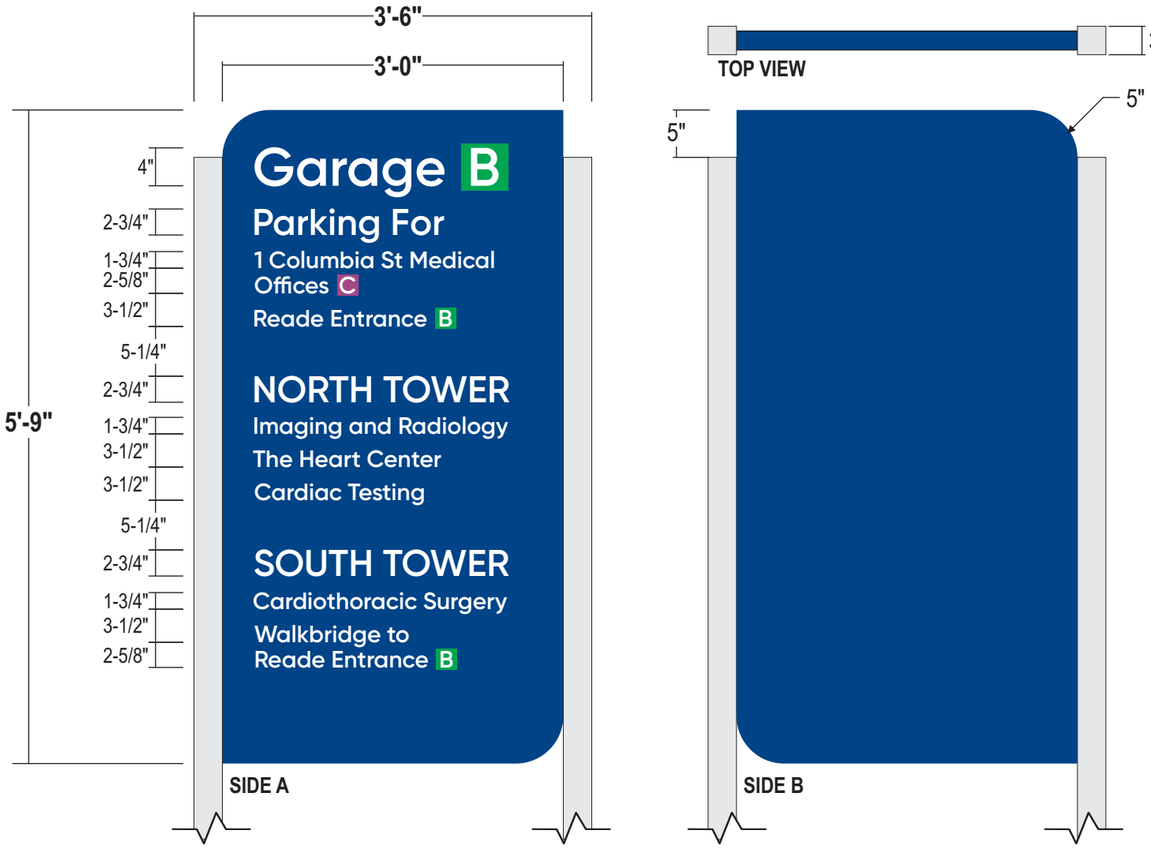
RETURNS:
White MP 27386, semi-gloss

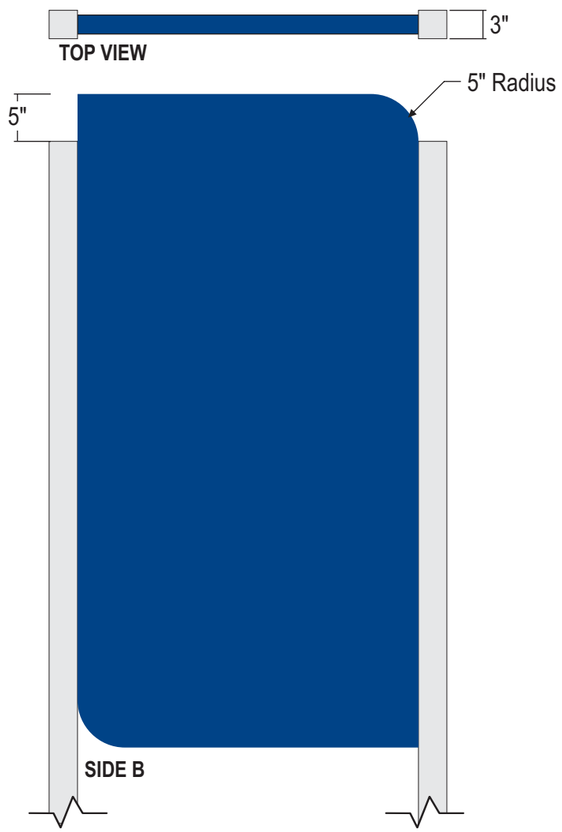
Updated sign number

E36 S/F NON ILLUM DIRECTIONAL

Scale: 3/4"=1'-0"

17.25 square feet





CABINET: 2" deep extruded aluminum cabinet w/ .090" aluminum faces. Painted Nuvance Blue. 1/4" weep holes drilled in bottom.

GRAPHICS: applied die-cut vinyl graphics to match colors shown

TYPEFACE: Gilroy Semi-bold

POSTS: 3" square tube aluminum posts painted Metallic Silver

INSTALL: Direct Burial into concrete footer

QUANTITY: (1) one S/F directional sign required

COLOR PALETTE

CABINET:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

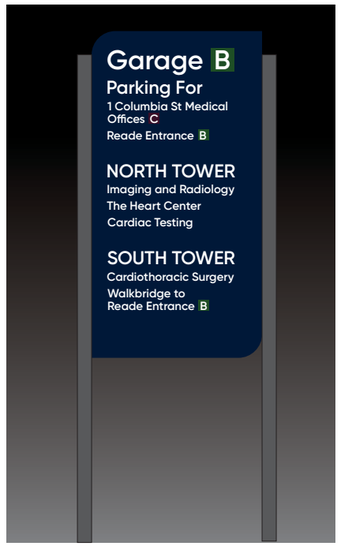
POSTS:
Silver Metallic MP 18073 (R190961), semi-gloss

COPY:
3M 680-10 Reflective White

GRAPHICS:
3M 7725-186 Bright Green

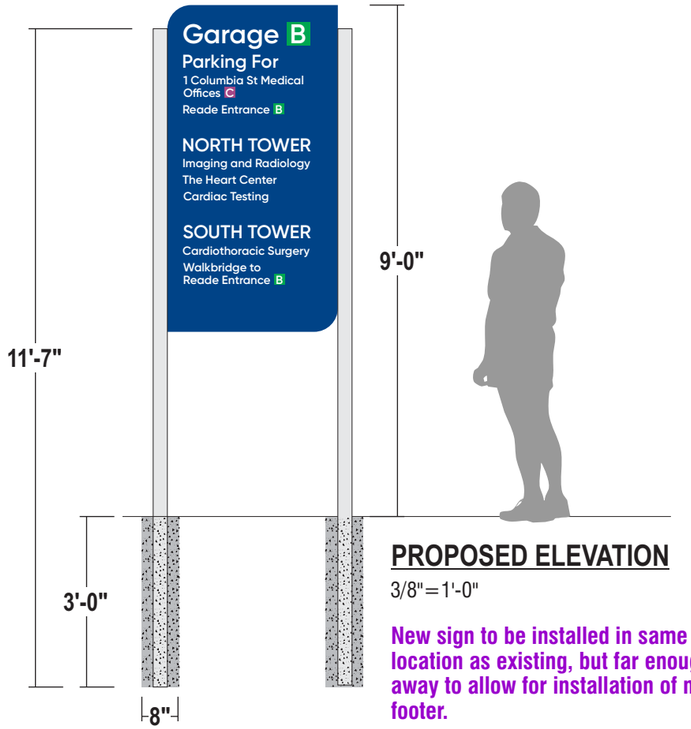
GRAPHICS:
3M 7725-78 Plum Purple

Simulated night time view



EXISTING CONDITIONS

Existing 5'-0"H x 4'-0"W cabinet to be removed & discarded. Posts to be cut-off below grade.



PROPOSED ELEVATION

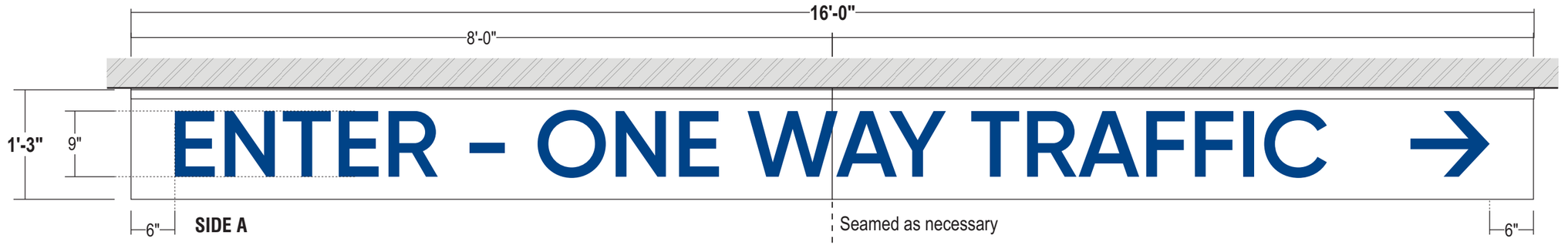
3/8"=1'-0"

New sign to be installed in same location as existing, but far enough away to allow for installation of new footer.

Updated sign number

E37 D.F. FLAT ALUMINUM REPLACEMENT PANEL

Scale: 3/4"=1'-0" 20 square feet



PANEL: .125 alum. panel painted White semi-gloss

GRAPHICS: Copy to be surface applied opaque Blue vinyl

FONT: Gilroy Semibold

INSTALL: Panel mounted to existing sign frame
All details to be confirmed prior to production

QUANTITY: (1) One panel required

COLOR PALETTE

FACE:
Painted white MP 27386, semi-gloss

LOGO, COPY: Opaque Film
3M 180-37 Sapphire Blue

PROPOSED SIGNAGE Scale: N.T.S.

EXISTING CONDITIONS

EXISTING 1'-3" X 16'-0" (2 - 8'-0") PANELS TO BE REMOVED AND REPLACED.

Updated sign number

E38 WALL MOUNTED REGULATORY

Scale: 3"=1'-0"

EXISTING 1'-6" X 1'-0" PANEL TO BE REMOVED AND REPLACED.

EXISTING CONDITIONS

PANEL: Standard regulatory panel

INSTALL: Mount to wall as existing

QUANTITY: (1) One Required

Updated sign number

E39 WALL MOUNTED REGULATORY

Scale: 3"=1'-0"

E40

EXISTING 1'-6" X 1'-0" PANEL TO BE REMOVED AND REPLACED.

EXISTING CONDITIONS

PANEL: Standard regulatory panel

INSTALL: Mount to wall as existing

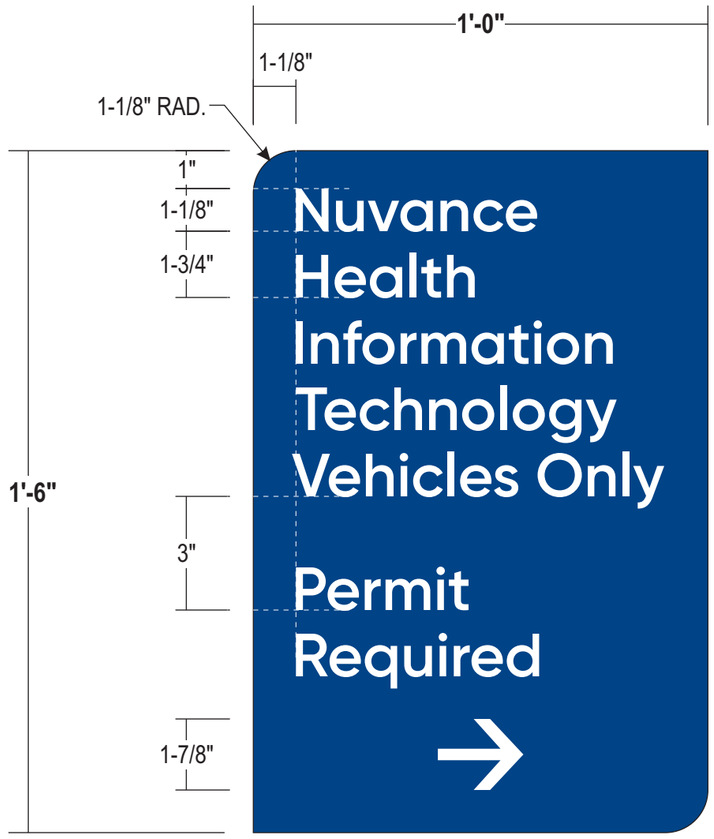
QUANTITY: (3) Three Required

EXISTING CONDITIONS

Updated sign number

E41 WALL MOUNTED REGULATORY RW-1

Scale: 3"=1'-0"



EXISTING 1'-6" X 1'-0" PANEL TO BE REMOVED AND REPLACED.

EXISTING CONDITIONS

PANEL: .125 alum. panel radius corners as shown painted Nuvance Blue semi-gloss

GRAPHICS: Surface applied White reflective vinyl

FONT: Gilroy Semibold

INSTALL: Mechanically fastened to existing u- channel post Fasteners painted blue to match face

QUANTITY: (1) One Required

COLOR PALETTE

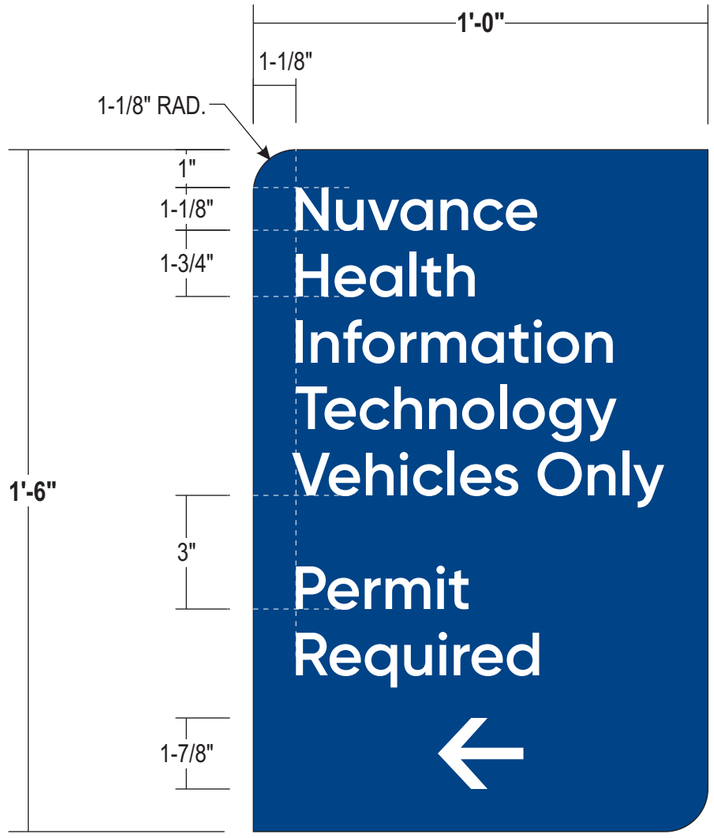
BACKGROUND:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

COPY:
3M 680-10 Reflective White

Updated sign number

E42 WALL MOUNTED REGULATORY RW-1

Scale: 3"=1'-0"



EXISTING 1'-6" X 1'-0" PANEL TO BE REMOVED AND REPLACED.

EXISTING CONDITIONS

PANEL: .125 alum. panel radius corners as shown painted Nuvance Blue semi-gloss

GRAPHICS: Surface applied White reflective vinyl

FONT: Gilroy Semibold

INSTALL: Mechanically fastened to existing u- channel post Fasteners painted blue to match face

QUANTITY: (2) Two Required

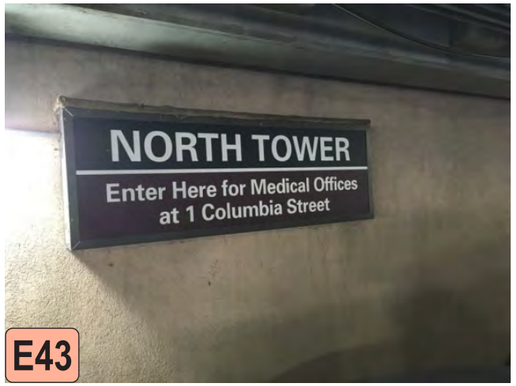
COLOR PALETTE

BACKGROUND:
Painted to match PMS 7687C, MP 73230 (R191582), semi-gloss

COPY:
3M 680-10 Reflective White

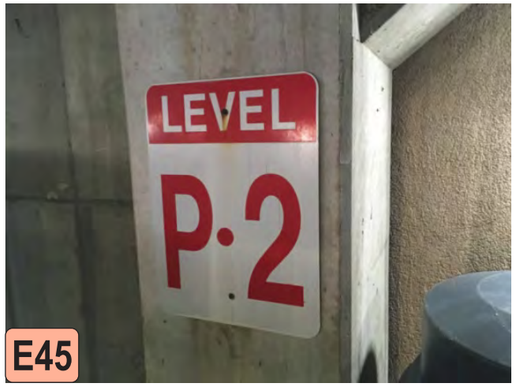
Updated sign number

LEAVE AS IS



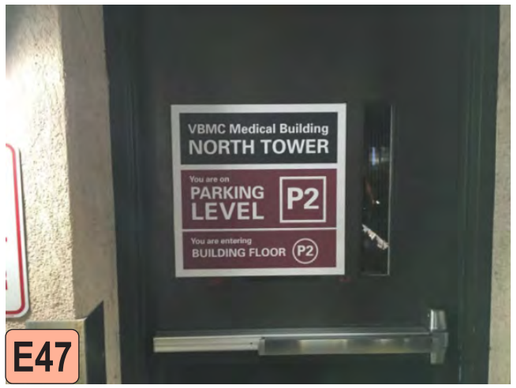
E43

E44



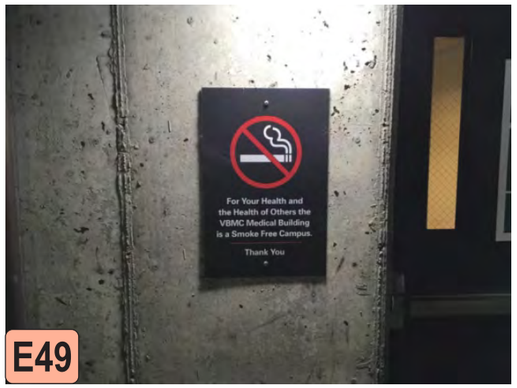
E45

E46



E47

E48



E49

E50

E51

Updated sign number

CODE CHECK

Code Research			
Performed By	Expedite The Diehl, LLC	Date Completed	10/23/2020
Prop or Tax ID #	8001	Property Name	Nuvance
Jurisdiction	City of Poughkeepsie	Address	45 Reade Place
Zoning District	H-M Hospital-Medical	City, State, Zip	Poughkeepsie, NY 12601
Special District? Overlays?	Per Judy: There is none.	Code Link	https://ecode360.com/27017281
Are there any planned changes to the code.	Per Judy: There is no planned changes to the code.		

Permit Info (General)	
Permit Contact	Judy Knauss
Permit Contact Title	Deputy Zoning Administrator
Permit Contact Phone	845-451-4010
Permit Contact Email	jknauss@cityofpoughkeepsie.com <jknauss@cityofpoughkeepsie.com>;
What is the overal process? Which department do permits get submitted to and who else reviews them?	Per Code: The Planning Department shall review the proposed sign(s) with respect to the requirements of this chapter. Signs shall either be administratively approved by the Planning Department or forwarded to the Planning Board for approval (three-dimensional signs, Marquee signs, signs with neon lighting,, electronic message display signs)
How can documents be submitted (list all that apply): FEDEX, mail, email, online, in person?	Mail, in person. Faxed copies will not be accepted.
What licenses and insurances are contractors required to have?	[] WORKERS' COMPENSATION and EMPLOYEE LIABILITY – Proof of insurance must be submitted from the contractor at the time of application. Accord Forms are not acceptable as proof of insurance.
Can the contractor be from out of state?	Yes. Depends on scope of work.
Is a Certificate of Occupancey required prior to obtaining permits?	No.
Are business license and/or tax receipt required with the	Yes. (Some scope of work may be exempt.)
What inspections are required?	Footers, Electrical, Final.
Inspection contact and how much advance notice is required to schedule?	[]Approximately 48 hours in advance. []Call Building: 845-451-4005 []Schedule online: https://cityofpoughkeepsie.com/appointment
What other permits are required (building, electrical)?	Building, Electrical
If yes, by who (county, city, 3rd party)?	City.
Are certified plot plans and/or sealed engineer drawings required?	Yes.
If yes, how many copies?	2 sets.
Are tag signs required on manufactured signs?	No.

Ground signs:	
Any special criteria unique to this property?	Per Judy: Signage must follow the Sign code regulations.
Windload restrictions?	115 mph
Wall signs:	
If the sign is not visible from the street does it count against the allowance?	Signs not visible from outside the lot upon which they are situated are exempt from permit.
How are plaques and smaller signs regulated?	[]Signs mandated by E911 address requirements that are no more than 12 inches high and 18 inches wide are exempt from permit. []Nameplates with a maximum area of two square feet are exempt from permit.
Which elevations are wall signs allowed on?	There shall be no more than one wall sign permitted for any one business on any one side of a building adjacent to a street.
Are allowances transferrable?	No.
Blade/Projecting Signs	
Any special criteria unique to this property?	Blade/Projecting signs are not permitted in the H-M zoning districts.
Awning Signs	
Is a building permit required for awning signs?	Yes.
Material restrictions?	Awning: A cloth, plastic, or other nonstructural covering that projects from a wall for the purpose of shielding a doorway or window. An awning is permanently attached to a building and may be raised or retracted to a position against the building when not in use.
Directional Signs	
Are they included in total aggregate (if applicable) to sign total?	Directional signs are not stipulated by code. Subject to Site plan review.
Window Signs	
Are they included in total aggregate (if applicable) to sign total?	No.
Banner/Temporary Signs	
Penalty for illegal banner/temporary signs?	The common council shall have power to enforce all ordinances under the provisions of this code, by ordaining fixed penalties to be incurred for very violation of the same, not exceeding one thousand dollars ($1,000.00) for any one offense, to be recovered with costs in a civil action. Every ordinance imposing any penalty shall take effect at such time as the common council shall direct. A copy of any ordinance, having been certified by the chamberlain, shall be presumptive proof of the regularity of the adoption and publication of the same when offered in evidence in any court. The city may maintain an action to restrain by injunction, a violation of any ordinance of the common council, notwithstanding such ordinance may provide a penalty for such violation.

The recipient of this code check understands and agrees to the following: This code check is not exclusive and should not be used in place of the sign ordinance/code for said city. Please use the definitions, prohibitions and exemptions of the ordinance in conjunction with this code check. This code check is good for the day on which it is completed only. Information contained herein is a guideline and should not in any way be taken as a permit approval. Signs should not be produced until the permit has been issued. Zoning approval is often subject to interpretation that said official makes of the ordinance for their city/county/township. This code check is completed without the knowledge of specific project details and Expedite The Diehl does not assume any liability, we simply provide the code information based on the current code. This provider is not responsible for changes in local sign code after the completion date, nor for the review process, interpretations, calculations or fees of local authorities. It is understood that a permit will be obtained prior to manufacture, if required by authorities. This code check is provided with the assumption that you will get the landlord / property owner approval. This information herein is limited to what the city has told us and we cannot be responsible if they do not inform us that a sign plan is in place. We strongly encourage you to check your lease for sign criteria and to apply for permits before manufacturing a sign.

2020 Expedite The Diehl 614.828.8215