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Limited Remedial Investigation Report

Proposed 119 Oregon Road Multifamily Development Site

Block 1, Lot 12
Town of Cortlandt
Westchester County, New York



Ms. Jennifer Baus
Senior Vice President Design and Entitlements
NRP HOLDINGS LLC
1228 Euclid Avenue 4th Floor
Cleveland, Ohio 44115

August 20, 2021
FPA No. 16875.002

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August 24, 2021
VIA EMAIL (MKoenig@nrpgroup.com) ONLY

Ms. Jennifer Baus
Senior Vice President Design and Entitlements
NRP HOLDINGS LLC
1228 Euclid Avenue 4th Floor
Cleveland, Ohio 44115

Re: Limited Remedial Investigation Report
Proposed 119 Oregon Road Multifamily Development Site
Block 1, Lot 12
Town of Cortlandt, Westchester County, New York
FPA No.16875.003

Dear Ms. Baus:

French & Parrello Associates (FPA) conducted a Limited Remedial Investigation (LRI) for NRP Holdings LLC (NRP) pre-acquisition environmental due diligence of the Proposed 119 Oregon Road Multifamily Development Site (Site or Subject Property), located at 119 Oregon Road, Block 1, Lot 12, Cortlandt, Westchester County, New York.

FPA conducted a Phase I Environmental Site Assessment (ESA) of the Site in accordance with the ASTM E1527-13 Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process. The Phase I ESA identified three recognized environmental conditions (RECs) and one Historical REC.

- REC-1: 500-gallon No. 2 Heating Oil Underground Storage Tank (UST) Still in Use
- REC-2: 1,000-gallon No. 2 Heating Oil UST Still in Use
- REC-3: Random Dumping.
- HREC-1: Former 1,000-gallon No. 2 Heating Oil UST.

FPA and our subcontractor conducted a Phase II ESA of the three RECs and one HREC in accordance with the ASTM E1903-11 Standard Practice for Environmental Assessments: Phase II Environmental Site Assessment Process. The Phase II ESA activities included integrity tests for REC-1 and REC-2, and subsurface soil sample and groundwater sample collection and analysis at the three RECS and one HREC. Both REC-1 and REC-2 failed the integrity tests indicating that discharges had likely occurred from these USTs. The soil and groundwater sample results confirmed the presence of contamination emanating from the location of REC-2.

The objective of this LRI was to attempt to determine the horizontal extent of contamination previously detected in the vicinity of REC-2.

FPA presents the following findings:

- **REC-2: 1,000-gallon No. 2 Heating Oil Underground Storage Tank**
  - FPA and our drilling subcontractor advanced six borings in the vicinity of REC-2 to delineate the extent of environmental impacts.
  - FPA collected soil and groundwater samples from the six boring locations for laboratory analysis.
  - Two of the soil samples, RI-1 and RI-4, exceeded the New York Codes, Rules and Regulations (NYCRR) Unrestricted Use Soil Cleanup Objectives (UUSCOs) Part 375-6.8(a) for total xylenes and benzo(b)fluoranthene, respectively. The benzo(b)fluoranthene concentration detected in soil sample RI-4 also exceeded the Residential Restricted Use Soil Criteria (RRUSC).
  - Several volatile organic and semi-volatile organic compounds were detected above the New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) 1.1.1. Ambient Water Quality Standards (AWQS) for Class GA (sources of drinking water) in the groundwater samples
  - FPA's subsurface investigations have documented the presence of petroleum hydrocarbon impacted soil and groundwater beneath the eastern ballroom of the existing building due to discharges from the UST (REC-2) located there.

Removal of the 1,000-gallon UST system and contaminated soil remediation should be conducted subsequent to the demolition of the building. Post-excavation soil samples should be collected for laboratory analysis to demonstrate compliance with the applicable NYCRR Soil Cleanup Objectives.

We thank you for the opportunity to provide these environmental services.

If you have any questions, please do not hesitate to contact the undersigned at 732-312-9811 or Neil.Jiorle@FPAengineers.com.

Sincerely,

FRENCH & PARRELLO ASSOCIATES



Neil P. Jiorle, LSRP
Senior Project Manager
Environmental Services

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1.0 INTRODUCTION

NRP Holdings LLC (NRP) retained French & Parrello Associates (FPA) to conduct a Limited Remedial Investigation (LRI) at the Subject Property identified as the Proposed 119 Oregon Road Multifamily Development Site, currently known as The Mansion at Colonial Terrace, 119 Oregon Road, Block 1, Lot 12, Town of Cortlandt, Westchester County, New York (hereafter referred to as the Site or Subject Property) as part of their environmental due diligence. FPA conducted this LRI to attempt to delineate the extent of previously identified soil and groundwater contamination. The Subject Property location is presented as Drawing No. 1, United States Geological Survey (USGS) Topographic Map, and Drawing No. 2, Tax Map.

2.0 BACKGROUND

FPA conducted a Phase I Environmental Site Assessment (ESA) of the Site in accordance with the ASTM E1527-13 Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process, as documented in our January 14, 2021, Phase I ESA Report (Appendix A). The Phase I ESA Report identified three recognized environmental conditions (RECs): REC-1: 500-gallon No. 2 Heating Oil Underground Storage Tank (UST) Still in Use, REC-2: 1,000-gallon No. 2 Heating Oil UST Still in Use, and REC-3: Random Dumping. The Phase I ESA also identified one Historical REC (HREC) at the site; HREC-1: Former 1,000-gallon No. 2 Heating Oil UST.

FPA and our subcontractor conducted a Phase II ESA of the three RECs and one HREC in accordance with the ASTM E1903-11 Standard Practice for Environmental Assessments: Phase II Environmental Site Assessment Process, as documented in our August 15, 2021, Phase II ESA Report (Appendix B). The Phase II ESA activities included integrity tests for REC-1 and REC-2, and subsurface soil sample and groundwater sample collection and analysis at the three RECS and one HREC. Both REC-1 and REC-2 failed the integrity tests indicating that discharges had likely occurred from these USTs. Drawing No. 3 presents the Phase II ESA Sample Location Plan.

The soil and groundwater sample results confirmed the presence of contamination emanating from the location of REC-2. FPA and our subcontractor advanced boring SI-2 in proximity to REC-2 and collected soil sample SI-2 at this location. The sample was analyzed for Target Compound List (TCL) volatile organic compounds (VOCs), TCL polycyclic aromatic hydrocarbons (PAH), and total petroleum hydrocarbons (TPHC) diesel range organics (DRO). Total xylenes were detected in soil sample SI-2 above the New York Codes, Rules and Regulations (NYCRR) Unrestricted Use Soil Cleanup Objectives (UUSCOs) Part 375-6.8(a) but not the Residential Restricted Use Soil Criteria (RRUSC). 2-methylnapthalene was detected above the RRUSC. There is no UUSCO for 2-methylnapthalene. Our subcontractor set temporary well point (TWP) TWP-SI-2 in boring SI-2 and FPA collected groundwater sample TWP-SI-2. The analytical results detected benzene, toluene, ethylbenzene, isopropyl benzene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, and chrysene above the New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) for Class GA (sources of drinking water).

3.0 LIMITED REMEDIAL INVESTIGATION ACTIVITIES

FPA mobilized to the Subject Property with our drilling subcontractor Accurate Tank Testing (ATT), on April 28, 2021, to attempt delineate the extent of contamination detected near REC-2 during the Phase II ESA. The following sections outline the activities that occurred during this LRI.

3.1 Investigation of Soils

NRP and FPA reviewed the Phase II ESA findings and selected seven locations, RI-1 through RI-7, to advance borings to collect soil samples and set TWPs to collect groundwater samples. Borings RI-6 and RI-7 were selected as optional locations in the event obvious environmental impacts were observed in the borings located closer to REC-2. The boring locations were adjusted during the field activities due site logistical constraints and accessibility to the track mounted Geoprobe® direct push drill rig. FPA advanced six soil borings at horizontal offset locations from the Phase II ESA REC-2 sample location adjacent to the REC-2 location. Boring RI-6 was not advanced because

FPA noted no obvious signs of environmental impacts in the borings closer to REC-2. We kept the boring and sample numbering the same. ATT advanced the borings with an automatic hammer drill rig to maximum depth of 20' feet below existing grade. The soil cores were extracted with 4-foot polyurethane sleeves and immediately field screened using a photoionization detector (PID) field instrument for the presence of volatile organic vapors and evaluated for the physical evidence of impacts (i.e., unusual odor, discoloration, staining, physical appearance of hydrocarbon-like sheen, etc.). FPA collected the soil samples from the six-inch interval displaying the highest field screened evidence of environmental impacts. The samples were collected from the six-inch interval above the approximate groundwater table if no field screened evidence of impacts were observed. No elevated PID readings were obtained in borings B-2, B-3, B-4, B-5, or B-7 and the soil samples from those borings were collected from the six-inch interval above the stabilized depths to groundwater, before the TWPs were set, which ranged from 11.23' to 13.35' bsg below surface grade (bsg). FPA identified elevated PID readings of 3.1 parts per million (ppm) beginning at 16.0' bsg and reaching 45.0 ppm at 17.0' bsg in boring RI-1. We collected soil sample RI-1 from the 17.0' to 17.5' bsg depth interval in this boring. Refer to Appendix C for the boring logs and Drawing No. 4 for the RI Sample Map.

The samples were transferred directly into laboratory supplied glassware, preserved in a temperature-controlled environment (4°C), until they were transported to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) laboratory certified for the requested analytical methods and under chain-of-custody documentation. Soil samples RI-1, RI-2, RI-3, RI-4, RI-5, and RI-7 were analyzed for TPHC-DRO, TCL VOCs, and TCL PAHs. Refer to Table No. 1 for a field sampling summary.

3.2 Investigation of Groundwater

FPA also oversaw the installation of TWPs within borings RI-1, RI-2, RI-3, RI-4, RI-5, and RI-7. The TWPs were constructed of 1-inch diameter riser with 8 feet of 1-inch diameter slotted screen. After installation, the TWPs were purged with a peristaltic pump until turbidity within the purge

water decreased from initial purge levels and stabilized. One groundwater sample was collected from each TWP.

TWP-RI-1 was installed within the RI-1 boring and all other TWPs were installed in their respective soil boring numbers. The depth to water elevations ranged from 11.23' to 13.35' bsg. FPA noted a strong petroleum hydrocarbon-like odor emanating from TWP-RI-1 and we recorded PID readings ranging from 3.1 ppm at 16.0' bsg and to 45.0 ppm at 17.0' bsg.

The samples were transferred directly into laboratory supplied glassware, preserved in a temperature-controlled environment (4°C), until they were transported to a NYSDOH-ELAP laboratory certified for the requested analytical methods, and under chain-of-custody documentation. Groundwater samples TWP-RI-1 to TWP-RI-5, and TWP-RI-7 were analyzed for TCL VOCs and TCL PAHs. Refer to Drawing No. 4 for the groundwater sample locations; refer to Table No. 1 for a for a field sampling summary.

3.3 Laboratory Quality Assurance/Quality Control

The samples were submitted to Alpha Analytical (Alpha), NYSDOH-ELAP Certification No. 11148, for analysis. FPA reviewed Alpha's Quality Assurance/Quality Control (QA/QC) information and the overall data package.

Soil sample RI-1 was analyzed for VOCs by US Environmental Protection Agency (EPA) 5035/8260C Method (low-level), but the surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene due to obvious interferences. The sample was analyzed by EPA Method 8260C as a High-Level Methanol in order to quantitate result(s) within the calibration range. The result should be considered estimated and is qualified with an E flag for any compound that exceeded the calibration on the initial Low-Level analysis. The results of both analyses were reported. Differences were noted between the results of the VOCs by EPA Method 5035/8260 High and Low Level analyses which have been attributed to vial discrepancies.

Groundwater sample TWP-RI-1 had elevated detection limits due to the dilution required by the oily nature of the sample matrix.

The laboratory method blank associated with the six groundwater samples and field blank sample had concentrations below the reporting limits and results were qualified as estimated.
The laboratory method blank associated with soil samples RI-1, RI-2, RI-3, RI-5, and RI-6 had concentrations below the reporting limits and results were qualified as estimated.

The laboratory is certified by the NYSDOH to perform the analytical methods and QA/QC data conformed with the NYSDOH requirements. FPA reviewed the data package has determined the data to be usable for this project.

4.0 SUMMARY OF IMPACTED MEDIA

4.1 Soil Sample Results

Targeted compounds were either not detected or detected below the NYCRR Part 375 UUSCO in samples RI-2, RI-3, RI-5, and RI-7. Soil sample RI-1 exceeded the NYCRR UUSCO for total xylenes and soil sample RI-4 exceeded the NYCRR UUSCO and RRUSC for benzo(b)fluoranthene, but not the Commercial Restricted Use Soil Cleanup Objective. Refer to Table No. 2 for a summary of the soil sample analytical results and refer to Appendix D for the soil sample laboratory analytical results.

4.2 Groundwater Sample Results

Analysis of groundwater sample TWP-RI-1 detected o-xylene, sec-butylbenzene, naphthalene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, 1,2,4,5-tetramethylbenzene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene, above the NY-TOGS-GA. Analysis of groundwater samples TWP-RI-2, TWP-RI-3, TWP-RI-4, TWP-RI-5, and TWP-RI-7 detected several PAHs above the NYSDEC TOGS Class GA. VOCs were either non detect or detected at concentrations below the NYSDEC TOGS

Class GA in groundwater samples TWP-RI-2, TWP-RI-3, TWP-RI-4, TWP-RI-5, and TWP-RI-7. Refer to Table No. 3 for a summary of groundwater sample analytical results and refer to Appendix D for the groundwater sample laboratory analytical results.

4.3 Significant Event Variation

During the completion of this LRI, no significant events or seasonal variations influenced the sampling procedures or analytical results.

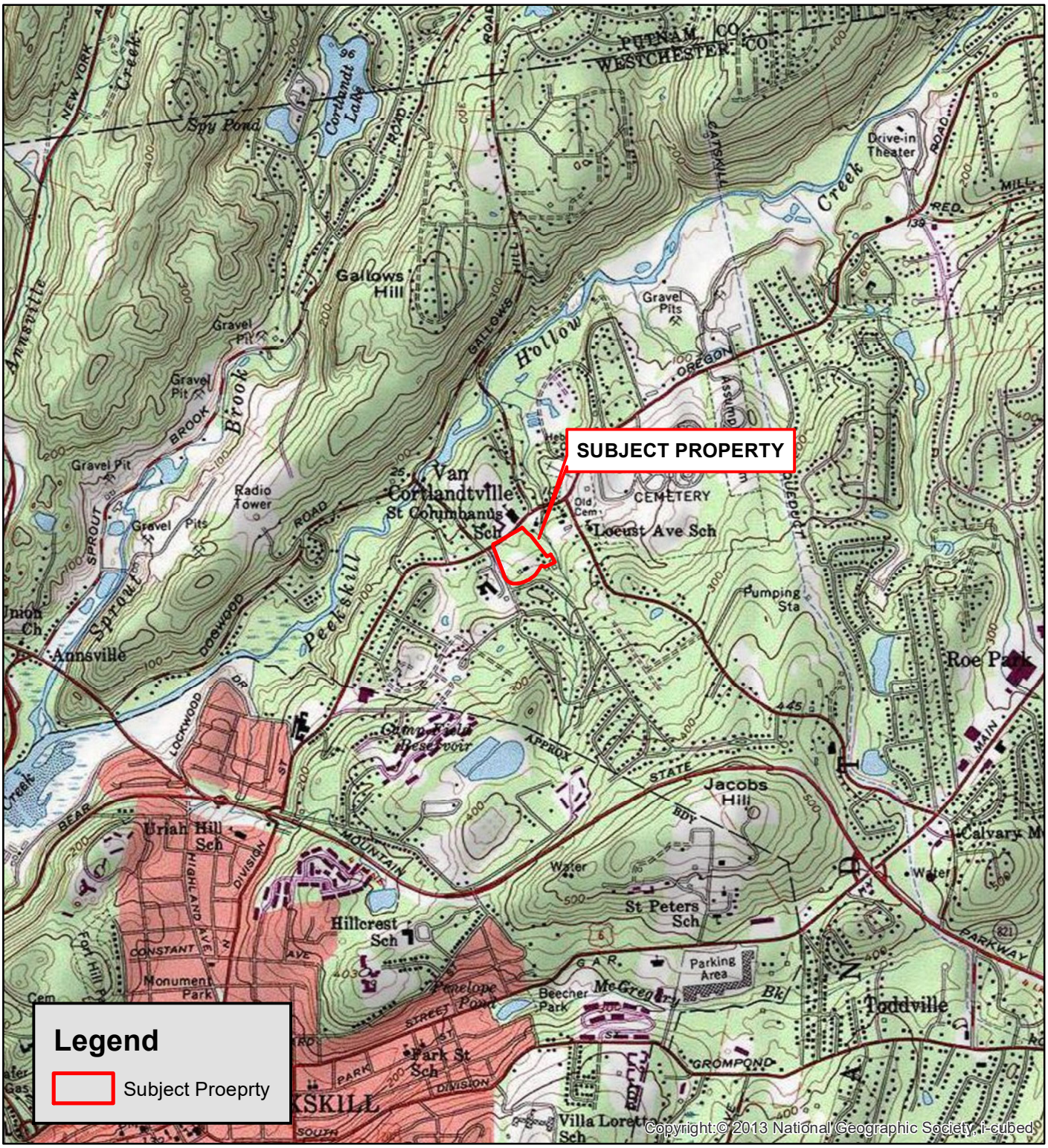
5.0 LIMITED REMEDIAL INVESTIGATION FINDINGS

NRP retained FPA to conduct an LRI at the Subject Property identified as the Proposed 119 Oregon Road Multifamily Development Site, currently known as The Mansion at Colonial Terrace, 119 Oregon Road, Block 1, Lot 12, Town of Cortlandt, Westchester County, New York. FPA presents the following findings:

- **REC-2: 1,000-gallon No. 2 Heating Oil Underground Storage Tank Still in Use**
  - FPA and our drilling subcontractor advanced six borings in the vicinity of REC-2 to delineate the extent of environmental impacts.
  - FPA collected soil and groundwater samples from the six boring locations for laboratory analysis.
  - Soil sample RI-1 exceeded the NYCRR UUSCOs for total xylenes.
  - Soil sample RI-4 exceeded the NYCRR UUSCO and RRUSC for benzo(b)fluoranthene.
  - Several VOCs and PAHs were detected above the NY-TOGS-GA within several TWP groundwater samples.
  - The LRI activities confirmed that soil and groundwater is impacted with heating oil originating from the UST located beneath the eastern ballroom of the existing building (REC-2).
  - The LRI activities generally delineated the horizontal extent of soil and groundwater contamination associated with REC-2.

Removal of the 1,000-gallon UST system (REC-2) and remediation of associated source contaminated soil subsequent to the demolition of the building section above the REC-2 location should be conducted. Post-excavation soil samples should be collected for laboratory analysis to demonstrate compliance with the applicable NYCRR Soil Cleanup Objectives. FPA's opinion is that the removal of the 1,000-gallon UST system and associated contaminated soil will reduce the petroleum hydrocarbon source loading into the groundwater with a commensurate reduction in groundwater contaminant concentrations. TWPs should be installed, and groundwater samples collected immediately after completion of the soil remediation activities to establish baseline contaminant concentrations. Plans for further groundwater investigation activities should be developed after receipt of the baseline analytical data.

Drawings



NOTE: Quadrangle information located at https://gis.ny.gov/gisdata/quads/drg24/ee47.htm.

FRENCH & PARRELLO ASSOCIATES

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119 OREGON ROAD MULTIFAMILY DEVELOPMENT

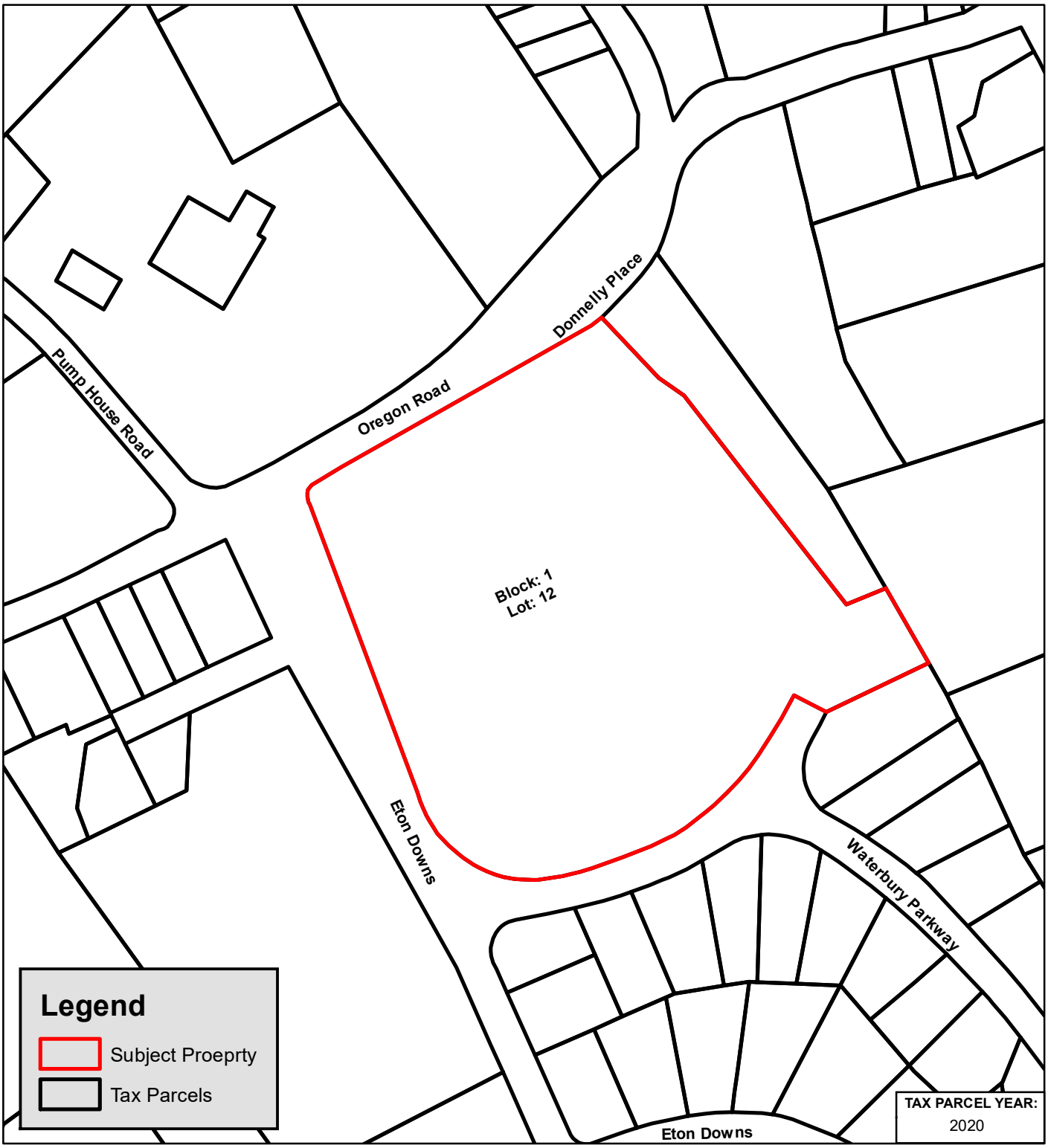
119 OREGON ROAD,TOWN OF CORTLANDT
WEST CHESTER COUNTY, NEW YORK

TOPOGRAPHIC MAP

PEEKSKILL QUADRANGLE

SCALE:	CONTOUR INTERVAL	PHOTO REVISED	DRAWING #
1 " = 2,000 '	10'	1991	1
DATE:	DRAWN BY:	PROJECT NUMBER:	
12/14/2020	N.L.	16875.003	

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119 OREGON ROAD MULTIFAMILY DEVELOPMENT

119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW YORK

TAX PARCEL MAP

SCALE:	BLOCK:	LOT:	DRAWING #
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DATE:	**DRAWN BY:**	**PROJECT NUMBER:**	
12/08/2020	N.L.	16875.003	

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119 OREGON ROAD MULTIFAMILY DEVELOPMENT

119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW YORK

SITE LAYOUT MAP

SCALE:	BLOCK:	LOT:	DRAWING #
1 " = 200 '	1	12	3
DATE:	**DRAWN BY:**	**PROJECT NUMBER:**	
12/08/2020	N.L.	16875.003	

Sample ID:			RI-1	RI-4
Depth:			17.0-17.5'	12.5-13.0'
Sampled Date			4/28/2021	4/28/2021
Parameters	UUSCO	RRUSC	Conc	Conc
Benzo(b)fluoranthene	1	1	ND	**1.1**
Total Xylenes	0.26	100	**0.31**	--

mg/kg = milligrams per kilogram
UUSCO = 6 New York Codes, Rules and Regulations (NYCRR) Unrestricted Use Soil Cleanup Objectives (UUSCOs) Part 375-6.8(a)
RRUSC = 6 NYCRR Part 375 Residential Restricted Use Soil Criteria
-- - Sample not analyzed for this parameter
Highlighted Bold Values indicate concentrations exceeds the UUSCO

SAMPLE ID:		TWP-RI-1	TWP-RI-2	TWP-RI-3	TWP-RI-4	TWP-RI-5	TWP-RI-7
COLLECTION DATE:		4/29/2021	4/29/2021	4/29/2021	4/28/2021	4/28/2021	4/28/2021
SAMPLE DEPTH:		11.67'	11.41'	12.78'	13.35'	11.23'	12.03'
Parameters	AWQS	Conc	Conc	Conc	Conc	Conc	Conc
Volatile Organic Compounds							
o-Xylene	5	**12**	ND	ND	ND	ND	ND
sec-Butylbenzene	5	**8.1**	ND	ND	1.7	ND	ND
Naphthalene	10	**28**	ND	ND	ND	ND	ND
n-Propylbenzene	5	**5.3**	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	**9.5**	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	**46**	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	5	**16**	ND	ND	ND	ND	ND
Semivolatile Organic Compounds							
Naphthalene	10	**15**	ND	ND	0.08	0.15	ND
Benzo(a)anthracene	0.002	**0.29**	**0.03**	**0.02**	**0.34**	**0.1**	**0.12**
Benzo(a)pyrene	0	**0.03**	ND	ND	**0.35**	**0.11**	**0.12**
Benzo(b)fluoranthene	0.002	**0.04**	**0.01**	**0.01**	**0.42**	**0.12**	**0.15**
Benzo(k)fluoranthene	0.002	**0.01**	ND	ND	**0.14**	**0.04**	**0.05**
Chrysene	0.002	**0.65**	ND	ND	**0.32**	**0.11**	**0.1**
Indeno(1,2,3-cd)pyrene	0.002	**0.02**	ND	ND	**0.22**	**0.07**	**0.08**

µg/l = micrograms per liter
Technical Guidance and Operational Series - Table 1 New York State Ambient Water Quality Standards and Guidance Values
AWQS = TOGs - Table 1 Ambient Water Quality Standards and Guidance Values (ug/L)
Highlighted Bold Values indicate concentrations exceeds the AWQS



Legend

Recognized Environmental Conditions

- REC-1: 500-gallon No. 2 Heating Oil UST
- REC-2: 1000-gallon No. 2 Heating Oil UST
- REC-3: Random Dumping
- HREC-1: Former 1000-gallon No. 2 Heating Oil UST
- RI Sample Location and TWP
- SI Temporary Well Point

0 40
Feet

N

NOTE: USE THIS TEXT IF NOTES ARE REQUIRED.
THE AERIAL SHOWN WAS PPROVIDED BY NEARMAP US, INC. AND TAKEN APRIL OF 2021.

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119 OREGON ROAD

119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW JERSEY

LIMITED REMEDIAL INVESTIGATION SAMPLE LOCATION MAP

SCALE:	BLOCK:	LOT:	DRAWING #
1 " = 40 '	1	12	4
DATE:	DRAWN BY:	PROJECT NUMBER:	
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Tables

TABLE NO. 1
FIELD SAMPLING SUMMARY
16875.003 - LIMITED REMEDIAL INVESTIGATION

Sample ID	AOC	Matrix	Date	Time	Depth (feet)	PID (ppm)	Visual	Odor	Analysis
RI-1	REC-2	Soil	4/28/2021	12:15	17-17.5'	45	Y	Strong	TCL-VOCs, PAH, TPHC
RI-2	REC-2	Soil	4/28/2021	11:20	15.5-16'	0	N	None	TCL-VOCs, PAH, TPHC
RI-3	REC-2	Soil	4/28/2021	10:40	17.5-18'	0	N	None	TCL-VOCs, PAH, TPHC
RI-4	REC-2	Soil	4/28/2021	9:20	12.5-13.0'	0	N	None	TCL-VOCs, PAH, TPHC
RI-5	REC-2	Soil	4/28/2021	10:10	15.5-16.0'	0	N	None	TCL-VOCs, PAH, TPHC
RI-6	REDACTED FROM SAMPLING EVENT								
RI-7	REC-2	Soil	4/28/2021	13:00	13.5-14'	0	N	None	TCL-VOCs, PAH, TPHC
TWP-RI-1	REC-2	WATER	4/29/2021	8:25	11.67'	45	N	Strong	TCL-VOCs, PAH
TWP-RI-2	REC-2	WATER	4/29/2021	9:30	11.41'	0	N	None	TCL-VOCs, PAH
TWP-RI-3	REC-2	WATER	4/29/2021	9:00	12.78'	0	N	None	TCL-VOCs, PAH
TWP-RI-4	REC-2	WATER	4/28/2021	13:15	13.35'	0	N	None	TCL-VOCs, PAH
TWP-RI-5	REC-2	WATER	4/28/2021	14:40	11.23'	0	N	None	TCL-VOCs, PAH
TWP-RI-6	REDACTED FROM SAMPLING EVENT								
TWP-RI-7	REC-2	WATER	4/28/2021	13:45	12.03'	0	N	None	TCL-VOCs, PAH

PID = Photo Ionization Detector
TPHC = Total Petroleum Hydrocarbons
TCL-VOCs = Target Compound List Volatile Organic Compounds
PAH = Polycyclic Aromatic Hydrocarbons

TABLE NO. 2
SOIL SAMPLE ANALYTICAL RESULTS SUMMARY
16875.003 - LIMITED REMEDIAL INVESTIGATION

SAMPLE ID:						RI-1				RI-2				RI-3				RI-4				RI-5				RI-7			
LAB ID:						L2122213-01				L2122213-02				L2122213-03				L2122213-04				L2122213-05				L2122213-06			
COLLECTION DATE:						4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021			
SAMPLE DEPTH:						17.0-17.5'				15.5-16.0'				17.5-18.0'				12.5-13.0'				15.5-16.0'				13.5-14.0'			
SAMPLE MATRIX:						SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
PARAMETERS	**NY-RESC**	**NY-RESGW**	**NY-RESR**	**NY-RESRR**	**NY-UNRES**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
PETROLEUM HYDROCARBON QUANTITATION																													
TPH (C10-C36)						361		38.5	4.43	ND		37.9	4.36	ND		36.8	4.23	188		36.4	4.18	ND		37.8	4.35	ND		35.8	4.12
VOLATILE ORGANICS BY EPA 5035																													
Methylene chloride	500	0.05	51	100	0.05	ND		0.0043	0.002	ND		0.0044	0.002	ND		0.0038	0.0017	ND		0.0045	0.0021	ND		0.004	0.0018	ND		0.0045	0.002
1,1-Dichloroethane	240	0.27	19	26	0.27	ND		0.00086	0.00012	ND		0.00088	0.00013	ND		0.00076	0.00011	ND		0.0009	0.00013	ND		0.00079	0.00012	ND		0.0009	0.00013
Chloroform	350	0.37	10	49	0.37	ND		0.0013	0.00012	ND		0.0013	0.00012	ND		0.0011	0.00011	ND		0.0014	0.00013	ND		0.0012	0.00011	ND		0.0013	0.00012
Carbon tetrachloride	22	0.76	1.4	2.4	0.76	ND		0.00086	0.0002	ND		0.00088	0.0002	ND		0.00076	0.00018	ND		0.0009	0.00021	ND		0.00079	0.00018	ND		0.0009	0.00021
1,2-Dichloropropane						ND		0.00086	0.00011	ND		0.00088	0.00011	ND		0.00076	0.0001	ND		0.0009	0.00011	ND		0.00079	0.0001	ND		0.0009	0.00011
Dibromochloromethane						ND		0.00086	0.00012	ND		0.00088	0.00012	ND		0.00076	0.00011	ND		0.0009	0.00013	ND		0.00079	0.00011	ND		0.0009	0.00012
1,1,2-Trichloroethane						ND		0.00086	0.00023	ND		0.00088	0.00024	ND		0.00076	0.0002	ND		0.0009	0.00024	ND		0.00079	0.00021	ND		0.0009	0.00024
Tetrachloroethene	150	1.3	5.5	19	1.3	ND		0.00043	0.00017	ND		0.00044	0.00017	ND		0.00038	0.00015	ND		0.00045	0.00018	ND		0.0004	0.00016	ND		0.00045	0.00018
Chlorobenzene	500	1.1	100	100	1.1	ND		0.00043	0.00011	ND		0.00044	0.00011	ND		0.00038	0.0001	ND		0.00045	0.00011	ND		0.0004	0.0001	ND		0.00045	0.00011
Trichlorofluoromethane						ND		0.0035	0.0006	ND		0.0035	0.00062	ND		0.003	0.00053	ND		0.0036	0.00063	ND		0.0032	0.00055	ND		0.0036	0.00062
1,2-Dichloroethane	30	0.02	2.3	3.1	0.02	ND		0.00086	0.00022	ND		0.00088	0.00023	ND		0.00076	0.0002	ND		0.0009	0.00023	ND		0.00079	0.0002	ND		0.0009	0.00023
1,1,1-Trichloroethane	500	0.68	100	100	0.68	ND		0.00043	0.00014	ND		0.00044	0.00015	ND		0.00038	0.00013	ND		0.00045	0.00015	ND		0.0004	0.00013	ND		0.00045	0.00015
Bromodichloromethane						ND		0.00043	0.00009	ND		0.00044	0.0001	ND		0.00038	0.00008	ND		0.00045	0.0001	ND		0.0004	0.00009	ND		0.00045	0.0001
trans-1,3-Dichloropropene						ND		0.00086	0.00024	ND		0.00088	0.00024	ND		0.00076	0.00021	ND		0.0009	0.00025	ND		0.00079	0.00022	ND		0.0009	0.00024
cis-1,3-Dichloropropene						ND		0.00043	0.00014	ND		0.00044	0.00014	ND		0.00038	0.00012	ND		0.00045	0.00014	ND		0.0004	0.00012	ND		0.00045	0.00014
1,3-Dichloropropene, Total						ND		0.00043	0.00014	ND		0.00044	0.00014	ND		0.00038	0.00012	ND		0.00045	0.00014	ND		0.0004	0.00012	ND		0.00045	0.00014
1,1-Dichloropropene						ND		0.00043	0.00014	ND		0.00044	0.00014	ND		0.00038	0.00012	ND		0.00045	0.00014	ND		0.0004	0.00013	ND		0.00045	0.00014
Bromoform						ND		0.0035	0.00021	ND		0.0035	0.00022	ND		0.003	0.00019	ND		0.0036	0.00022	ND		0.0032	0.0002	ND		0.0036	0.00022
1,1,2,2-Tetrachloroethane						ND		0.00043	0.00014	ND		0.00044	0.00015	ND		0.00038	0.00013	ND		0.00045	0.00015	ND		0.0004	0.00013	ND		0.00045	0.00015
Benzene	44	0.06	2.9	4.8	0.06	0.00058		0.00043	0.00014	ND		0.00044	0.00015	ND		0.00038	0.00013	ND		0.00045	0.00015	ND		0.0004	0.00013	ND		0.00045	0.00015
Toluene	500	0.7	100	100	0.7	0.00082	J	0.00086	0.00047	ND		0.00088	0.00048	ND		0.00076	0.00041	0.00054	J	0.0009	0.00049	ND		0.00079	0.00043	ND		0.0009	0.00049
Ethylbenzene	390	1	30	41	1	0.035		0.00086	0.00012	ND		0.00088	0.00012	ND		0.00076	0.00011	ND		0.0009	0.00013	ND		0.00079	0.00011	ND		0.0009	0.00013
Chloromethane						ND		0.0035	0.00081	ND		0.0035	0.00082	ND		0.003	0.00071	ND		0.0036	0.00084	ND		0.0032	0.00074	ND		0.0036	0.00083
Bromomethane						ND		0.0017	0.0005	ND		0.0018	0.00051	ND		0.0015	0.00044	ND		0.0018	0.00052	ND		0.0016	0.00046	ND		0.0018	0.00052
Vinyl chloride	13	0.02	0.21	0.9	0.02	ND		0.00086	0.00029	ND		0.00088	0.0003	ND		0.00076	0.00025	ND		0.0009	0.0003	ND		0.00079	0.00027	ND		0.0009	0.0003
Chloroethane						ND		0.0017	0.00039	ND		0.0018	0.0004	ND		0.0015	0.00034	ND		0.0018	0.00041	ND		0.0016	0.00036	ND		0.0018	0.0004
1,1-Dichloroethene	500	0.33	100	100	0.33	ND		0.00086	0.0002	ND		0.00088	0.00021	ND		0.00076	0.00018	ND		0.0009	0.00022	ND		0.00079	0.00019	ND		0.0009	0.00021
trans-1,2-Dichloroethene	500	0.19	100	100	0.19	ND		0.0013	0.00012	ND		0.0013	0.00012	ND		0.0011	0.0001	ND		0.0014	0.00012	ND		0.0012	0.00011	ND		0.0013	0.00012
Trichloroethene	200	0.47	10	21	0.47	ND		0.00043	0.00012	ND		0.00044	0.00012	ND		0.00038	0.0001	ND		0.00045	0.00012	ND		0.0004	0.00011	ND		0.00045	0.00012
1,2-Dichlorobenzene	500	1.1	100	100	1.1	ND		0.0017	0.00012	ND		0.0018	0.00013	ND		0.0015	0.00011	ND		0.0018	0.00013	ND		0.0016	0.00011	ND		0.0018	0.00013
1,3-Dichlorobenzene	280	2.4	17	49	2.4	ND		0.0017	0.00013	ND		0.0018	0.00013	ND		0.0015	0.00011	ND		0.0018	0.00013	ND		0.0016	0.00012	ND		0.0018	0.00013
1,4-Dichlorobenzene	130	1.8	9.8	13	1.8	ND		0.0017	0.00015	ND		0.0018	0.00015	ND		0.0015	0.00013	ND		0.0018	0.00015	ND		0.0016	0.00014	ND		0.0018	0.00015
Methyl tert butyl ether	500	0.93	62	100	0.93	ND		0.0017	0.00017	ND		0.0018	0.00018	ND		0.0015	0.00015	ND		0.0018	0.00018	ND		0.0016	0.00016	ND		0.0018	0.00018

TABLE NO. 2
SOIL SAMPLE ANALYTICAL RESULTS SUMMARY
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COLLECTION DATE:						4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021			
SAMPLE DEPTH:						17.0-17.5'				15.5-16.0'				17.5-18.0'				12.5-13.0'				15.5-16.0'				13.5-14.0'			
SAMPLE MATRIX:						SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
PARAMETERS	NY-RESC	NY-RESGW	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
p/m-Xylene						0.043		0.0017	0.00048	ND		0.0018	0.0005	ND		0.0015	0.00043	0.00057	J	0.0018	0.00051	ND		0.0016	0.00044	ND		0.0018	0.0005
o-Xylene						0.11		0.00086	0.00025	ND		0.00088	0.00026	ND		0.00076	0.00022	ND		0.0009	0.00026	ND		0.00079	0.00023	ND		0.0009	0.00026
Xylenes, Total	500	1.6	100	100	0.26	0.15		0.00086	0.00025	ND		0.00088	0.00026	ND		0.00076	0.00022	0.00057	J	0.0009	0.00026	ND		0.00079	0.00023	ND		0.0009	0.00026
cis-1,2-Dichloroethene	500	0.25	59	100	0.25	ND		0.00086	0.00015	ND		0.00088	0.00016	ND		0.00076	0.00013	ND		0.0009	0.00016	ND		0.00079	0.00014	ND		0.0009	0.00016
1,2-Dichloroethene, Total						ND		0.00086	0.00012	ND		0.00088	0.00012	ND		0.00076	0.0001	ND		0.0009	0.00012	ND		0.00079	0.00011	ND		0.0009	0.00012
Dibromomethane						ND		0.0017	0.0002	ND		0.0018	0.00021	ND		0.0015	0.00018	ND		0.0018	0.00022	ND		0.0016	0.00019	ND		0.0018	0.00021
Styrene						ND		0.00086	0.00017	ND		0.00088	0.00017	ND		0.00076	0.00015	ND		0.0009	0.00018	ND		0.00079	0.00016	ND		0.0009	0.00018
Dichlorodifluoromethane						ND		0.0086	0.00079	ND		0.0088	0.00081	ND		0.0076	0.0007	ND		0.009	0.00083	ND		0.0079	0.00073	ND		0.009	0.00082
Acetone	500	0.05	100	100	0.05	0.0043	J	0.0086	0.0042	ND		0.0088	0.0043	ND		0.0076	0.0037	0.0064	J	0.009	0.0044	ND		0.0079	0.0038	ND		0.009	0.0043
Carbon disulfide						ND		0.0086	0.0039	ND		0.0088	0.004	ND		0.0076	0.0035	ND		0.009	0.0041	ND		0.0079	0.0036	ND		0.009	0.0041
2-Butanone	500	0.12	100	100	0.12	ND		0.0086	0.0019	ND		0.0088	0.002	ND		0.0076	0.0017	ND		0.009	0.002	ND		0.0079	0.0018	ND		0.009	0.002
Vinyl acetate						ND		0.0086	0.0019	ND		0.0088	0.0019	ND		0.0076	0.0016	ND		0.009	0.0019	ND		0.0079	0.0017	ND		0.009	0.0019
4-Methyl-2-pentanone						ND		0.0086	0.0011	ND		0.0088	0.0011	ND		0.0076	0.00097	ND		0.009	0.0012	ND		0.0079	0.001	ND		0.009	0.0011
1,2,3-Trichloropropane						ND		0.0017	0.00011	ND		0.0018	0.00011	ND		0.0015	0.0001	ND		0.0018	0.00011	ND		0.0016	0.0001	ND		0.0018	0.00011
2-Hexanone						ND		0.0086	0.001	ND		0.0088	0.001	ND		0.0076	0.0009	ND		0.009	0.0011	ND		0.0079	0.00094	ND		0.009	0.001
Bromochloromethane						ND		0.0017	0.00018	ND		0.0018	0.00018	ND		0.0015	0.00016	ND		0.0018	0.00018	ND		0.0016	0.00016	ND		0.0018	0.00018
2,2-Dichloropropane						ND		0.0017	0.00017	ND		0.0018	0.00018	ND		0.0015	0.00015	ND		0.0018	0.00018	ND		0.0016	0.00016	ND		0.0018	0.00018
1,2-Dibromoethane						ND		0.00086	0.00024	ND		0.00088	0.00025	ND		0.00076	0.00021	ND		0.0009	0.00025	ND		0.00079	0.00022	ND		0.0009	0.00025
1,3-Dichloropropane						ND		0.0017	0.00014	ND		0.0018	0.00015	ND		0.0015	0.00013	ND		0.0018	0.00015	ND		0.0016	0.00013	ND		0.0018	0.00015
1,1,1,2-Tetrachloroethane						ND		0.00043	0.00011	ND		0.00044	0.00012	ND		0.00038	0.0001	ND		0.00045	0.00012	ND		0.0004	0.0001	ND		0.00045	0.00012
Bromobenzene						ND		0.0017	0.00012	ND		0.0018	0.00013	ND		0.0015	0.00011	ND		0.0018	0.00013	ND		0.0016	0.00012	ND		0.0018	0.00013
n-Butylbenzene	500	12	100	100	12	0.085		0.00086	0.00014	0.0003	J	0.00088	0.00015	ND		0.00076	0.00013	ND		0.0009	0.00015	ND		0.00079	0.00013	ND		0.0009	0.00015
sec-Butylbenzene	500	11	100	100	11	0.12		0.00086	0.00013	0.0002	J	0.00088	0.00013	ND		0.00076	0.00011	ND		0.0009	0.00013	ND		0.00079	0.00012	ND		0.0009	0.00013
tert-Butylbenzene	500	5.9	100	100	5.9	0.0044		0.0017	0.0001	ND		0.0018	0.0001	ND		0.0015	0.00009	ND		0.0018	0.00011	ND		0.0016	0.00009	ND		0.0018	0.0001
o-Chlorotoluene						ND		0.0017	0.00016	ND		0.0018	0.00017	ND		0.0015	0.00014	ND		0.0018	0.00017	ND		0.0016	0.00015	ND		0.0018	0.00017
p-Chlorotoluene						ND		0.0017	0.00009	ND		0.0018	0.0001	ND		0.0015	0.00008	ND		0.0018	0.0001	ND		0.0016	0.00009	ND		0.0018	0.0001
1,2-Dibromo-3-chloropropane						ND		0.0026	0.00086	ND		0.0026	0.00088	ND		0.0023	0.00076	ND		0.0027	0.0009	ND		0.0024	0.00079	ND		0.0027	0.00089
Hexachlorobutadiene						ND		0.0035	0.00015	ND		0.0035	0.00015	ND		0.003	0.00013	ND		0.0036	0.00015	ND		0.0032	0.00013	ND		0.0036	0.00015
Isopropylbenzene						0.047		0.00086	0.00009	ND		0.00088	0.0001	ND		0.00076	0.00008	ND		0.0009	0.0001	ND		0.00079	0.00009	ND		0.0009	0.0001
p-Isopropyltoluene						0.053		0.00086	0.00009	ND		0.00088	0.0001	ND		0.00076	0.00008	ND		0.0009	0.0001	ND		0.00079	0.00009	ND		0.0009	0.0001
Naphthalene	500	12	100	100	12	0.2		0.0035	0.00056	0.0028	J	0.0035	0.00058	0.0006	J	0.003	0.00049	0.00094	J	0.0036	0.00059	ND		0.0032	0.00052	ND		0.0036	0.00058
Acrylonitrile						ND		0.0035	0.001	ND		0.0035	0.001	ND		0.003	0.00088	ND		0.0036	0.001	ND		0.0032	0.00091	ND		0.0036	0.001
n-Propylbenzene	500	3.9	100	100	3.9	0.071		0.00086	0.00015	ND		0.00088	0.00015	ND		0.00076	0.00013	ND		0.0009	0.00015	ND		0.00079	0.00014	ND		0.0009	0.00015
1,2,3-Trichlorobenzene						ND		0.0017	0.00028	ND		0.0018	0.00028	ND		0.0015	0.00024	ND		0.0018	0.00029	ND		0.0016	0.00026	ND		0.0018	0.00029
1,2,4-Trichlorobenzene						ND		0.0017	0.00024	ND		0.0018	0.00024	ND		0.0015	0.00021	ND		0.0018	0.00025	ND		0.0016	0.00022	ND		0.0018	0.00024
1,3,5-Trimethylbenzene	190	8.4	47	52	8.4	0.11		0.0017	0.00017	ND		0.0018	0.00017	ND		0.0015	0.00015	ND		0.0018	0.00017	ND		0.0016	0.00015	ND		0.0018	0.00017
1,2,4-Trimethylbenzene	190	3.6	47	52	3.6	0.41	E	0.0017	0.00029	0.0007	J	0.0018	0.0003	0.0003	J	0.0015	0.00025	ND		0.0018	0.0003	ND		0.0016	0.00026	ND		0.0018	0.0003
1,4-Dioxane	130	0.1	9.8	13	0.1	ND		0.069	0.03	ND		0.071	0.031	ND		0.061	0.027	ND		0.072	0.032	ND		0.064	0.028	ND		0.072	0.031
p-Diethylbenzene						0.34	E	0.0017	0.00015	0.0008	J	0.0018	0.00016	0.0002	J	0.0015	0.00013	ND		0.0018	0.00016	ND		0.0016	0.00014	ND		0.0018	0.00016
p-Ethyltoluene						0.14		0.0017	0.00033	ND		0.0018	0.00034	ND		0.0015	0.00029	ND		0.0018	0.00035	ND		0.0016	0.0003	ND		0.0018	0.00034
1,2,4,5-Tetramethylbenzene						0.2		0.0017	0.00016	0.0009	J	0.0018	0.00017	0.0002	J	0.0015	0.00014	ND		0.0018	0.00017	ND		0.0016	0.00015	ND		0.0018	0.00017
Ethyl ether						ND		0.0017	0.0003	ND		0.0018	0.0003	ND		0.0015	0.00026	ND		0.0018	0.00031	ND		0.0016	0.00027	ND		0.0018	0.0003
trans-1,4-Dichloro-2-butene						ND		0.0043	0.0012	ND		0.0044	0.0012	ND		0.0038	0.0011	ND		0.0045	0.0013	ND		0.004	0.0011	ND		0.0045	0.0013
Total VOCs						1.9741	-	-	-	0.0056	-	-	-	0.0013	-	-	-	0.00845	-	-	-	-	-	-	-	-	-	-	-

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COLLECTION DATE:						4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021			
SAMPLE DEPTH:						17.0-17.5'				15.5-16.0'				17.5-18.0'				12.5-13.0'				15.5-16.0'				13.5-14.0'			
SAMPLE MATRIX:						SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
PARAMETERS	**NY-RESC**	**NY-RESGW**	**NY-RESR**	**NY-RESRR**	**NY-UNRES**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
SEMIVOLATILE ORGANICS BY GC/MS																													
Acenaphthene	500	98	100	100	20	0.1	J	0.15	0.02	ND		0.15	0.02	ND		0.15	0.019	0.12	J	0.15	0.019	ND		0.15	0.02	ND		0.14	0.019
2-Chloronaphthalene						ND		0.19	0.019	ND		0.19	0.019	ND		0.18	0.018	ND		0.18	0.018	ND		0.19	0.019	ND		0.18	0.018
Fluoranthene	500	1000	100	100	100	ND		0.12	0.022	ND		0.12	0.022	ND		0.11	0.021	1.6		0.11	0.021	ND		0.11	0.022	ND		0.11	0.021
Naphthalene	500	12	100	100	12	0.15	J	0.19	0.023	ND		0.19	0.023	ND		0.18	0.022	0.052	J	0.18	0.023	ND		0.19	0.023	ND		0.18	0.022
Benzo(a)anthracene	5.6	1	1	1	1	ND		0.12	0.022	ND		0.12	0.022	ND		0.11	0.021	0.77		0.11	0.021	ND		0.11	0.021	ND		0.11	0.02
Benzo(a)pyrene	1	22	1	1	1	ND		0.15	0.047	ND		0.15	0.047	ND		0.15	0.045	0.86		0.15	0.045	ND		0.15	0.046	ND		0.14	0.044
Benzo(b)fluoranthene	5.6	1.7	1	1	1	ND		0.12	0.032	ND		0.12	0.032	ND		0.11	0.031	**1.1**		0.11	0.031	ND		0.11	0.032	ND		0.11	0.031
Benzo(k)fluoranthene	56	1.7	1	3.9	0.8	ND		0.12	0.031	ND		0.12	0.031	ND		0.11	0.029	0.3		0.11	0.03	ND		0.11	0.03	ND		0.11	0.029
Chrysene	56	1	1	3.9	1	ND		0.12	0.02	ND		0.12	0.02	ND		0.11	0.019	0.86		0.11	0.019	ND		0.11	0.02	ND		0.11	0.019
Acenaphthylene	500	107	100	100	100	ND		0.15	0.03	ND		0.15	0.03	ND		0.15	0.028	0.16		0.15	0.029	ND		0.15	0.029	ND		0.14	0.028
Anthracene	500	1000	100	100	100	0.063	J	0.12	0.037	ND		0.12	0.037	ND		0.11	0.036	0.33		0.11	0.036	ND		0.11	0.037	ND		0.11	0.036
Benzo(ghi)perylene	500	1000	100	100	100	ND		0.15	0.022	ND		0.15	0.022	ND		0.15	0.022	0.35		0.15	0.022	ND		0.15	0.022	ND		0.14	0.021
Fluorene	500	386	100	100	30	0.2		0.19	0.019	ND		0.19	0.019	ND		0.18	0.018	0.18		0.18	0.018	ND		0.19	0.018	ND		0.18	0.018
Phenanthrene	500	1000	100	100	100	0.47		0.12	0.023	ND		0.12	0.023	ND		0.11	0.022	1		0.11	0.022	ND		0.11	0.023	ND		0.11	0.022
Dibenzo(a,h)anthracene	0.56	1000	0.33	0.33	0.33	ND		0.12	0.022	ND		0.12	0.022	ND		0.11	0.021	0.09	J	0.11	0.021	ND		0.11	0.022	ND		0.11	0.021
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.5	0.5	0.5	ND		0.15	0.027	ND		0.15	0.027	ND		0.15	0.026	0.42		0.15	0.026	ND		0.15	0.027	ND		0.14	0.025
Pyrene	500	1000	100	100	100	0.084	J	0.12	0.019	ND		0.12	0.019	ND		0.11	0.018	1.6		0.11	0.018	ND		0.11	0.019	ND		0.11	0.018
2-Methylnaphthalene						0.66		0.23	0.023	ND		0.23	0.023	ND		0.22	0.022	0.059	J	0.22	0.022	ND		0.23	0.023	ND		0.22	0.022
Total SVOCs						1.727	-	-	-	-	-	-	-	-	-	-	-	9.851	-	-	-	-	-	-	-	-	-	-	-
GENERAL CHEMISTRY																													
Solids, Total						86.1		0.1	NA	86.3		0.1	NA	88.9		0.1	NA	89.1		0.1	NA	85.6		0.1	NA	89.3		0.1	NA

TABLE NO. 2
SOIL SAMPLE ANALYTICAL RESULTS SUMMARY
16875.003 - LIMITED REMEDIAL INVESTIGATION

SAMPLE ID:						RI-1				RI-2				RI-3				RI-4				RI-5				RI-7			
LAB ID:						L2122213-01				L2122213-02				L2122213-03				L2122213-04				L2122213-05				L2122213-06			
COLLECTION DATE:						4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021			
SAMPLE DEPTH:						17.0-17.5'				15.5-16.0'				17.5-18.0'				12.5-13.0'				15.5-16.0'				13.5-14.0'			
SAMPLE MATRIX:						SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
PARAMETERS	**NY-RESC**	**NY-RESGW**	**NY-RESR**	**NY-RESRR**	**NY-UNRES**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY EPA 5035 HIGH																													
Methylene chloride	500	0.05	51	100	0.05	ND		**0.35**	**0.16**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	240	0.27	19	26	0.27	ND		0.071	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	350	0.37	10	49	0.37	ND		0.1	0.0099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	22	0.76	1.4	2.4	0.76	ND		0.071	0.016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane						ND		0.071	0.0088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane						ND		0.071	0.0099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane						ND		0.071	0.019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	150	1.3	5.5	19	1.3	ND		0.035	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	500	1.1	100	100	1.1	ND		0.035	0.009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane						ND		0.28	0.049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	30	0.02	2.3	3.1	0.02	ND		**0.071**	0.018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	500	0.68	100	100	0.68	ND		0.035	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane						ND		0.035	0.0077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene						ND		0.071	0.019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene						ND		0.035	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total						ND		0.035	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene						ND		0.035	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform						ND		0.28	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane						ND		0.035	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	44	0.06	2.9	4.8	0.06	ND		0.035	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	500	0.7	100	100	0.7	ND		0.071	0.038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	390	1	30	41	1	0.081		0.071	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane						ND		0.28	0.066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane						ND		0.14	0.041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	13	0.02	0.21	0.9	0.02	ND		**0.071**	**0.024**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane						ND		0.14	0.032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	500	0.33	100	100	0.33	ND		0.071	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	500	0.19	100	100	0.19	ND		0.1	0.0097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	200	0.47	10	21	0.47	ND		0.035	0.0097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	500	1.1	100	100	1.1	ND		0.14	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	280	2.4	17	49	2.4	ND		0.14	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	130	1.8	9.8	13	1.8	ND		0.14	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	500	0.93	62	100	0.93	ND		0.14	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene						0.091	J	0.14	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene						0.22		0.071	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	500	1.6	100	100	0.26	**0.31**	J	0.071	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	500	0.25	59	100	0.25	ND		0.071	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total						ND		0.071	0.0097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane						ND		0.14	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene						ND		0.071	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane						ND		0.71	0.065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	500	0.05	100	100	0.05	ND		**0.71**	**0.34**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide						ND		0.71	0.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	500	0.12	100	100	0.12	ND		**0.71**	**0.16**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate						ND		0.71	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone						ND		0.71	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane						ND		0.14	0.009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone						ND		0.71	0.083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE NO. 2
SOIL SAMPLE ANALYTICAL RESULTS SUMMARY
16875.003 - LIMITED REMEDIAL INVESTIGATION

SAMPLE ID:						RI-1				RI-2				RI-3				RI-4				RI-5				RI-7			
LAB ID:						L2122213-01				L2122213-02				L2122213-03				L2122213-04				L2122213-05				L2122213-06			
COLLECTION DATE:						4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021			
SAMPLE DEPTH:						17.0-17.5'				15.5-16.0'				17.5-18.0'				12.5-13.0'				15.5-16.0'				13.5-14.0'			
SAMPLE MATRIX:						SOIL				SOIL				SOIL				SOIL				SOIL				SOIL			
PARAMETERS	**NY-RESC**	**NY-RESGW**	**NY-RESR**	**NY-RESRR**	**NY-UNRES**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Bromochloromethane						ND		0.14	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane						ND		0.14	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane						ND		0.071	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane						ND		0.14	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane						ND		0.035	0.0093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene						ND		0.14	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	500	12	100	100	12	0.28		0.071	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	500	11	100	100	11	0.29		0.071	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	500	5.9	100	100	5.9	0.013	J	0.14	0.0083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene						ND		0.14	0.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene						ND		0.14	0.0076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane						ND		0.21	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene						ND		0.28	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene						0.074		0.071	0.0077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene						0.14		0.071	0.0077	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	500	12	100	100	12	0.51		0.28	0.046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile						ND		0.28	0.081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	500	3.9	100	100	3.9	0.15		0.071	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene						ND		0.14	0.023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene						ND		0.14	0.019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	190	8.4	47	52	8.4	0.26		0.14	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	190	3.6	47	52	3.6	1.1		0.14	0.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	130	0.1	9.8	13	0.1	ND		**5.6**	**2.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene						0.98		0.14	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene						0.33		0.14	0.027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene						0.48		0.14	0.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether						ND		0.14	0.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene						ND		0.35	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOCs						4.999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
NS = No Standard Available
~ = Sample not analyzed for
ND = Analyzed for but Not Detected at the MDL
NY-RESC: NY - New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESGW: NY - New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: NY - New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: NY - New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Highlighted Bold Indicate concentrations exceed the RESR
Highlighted Bold Indicate concentrations exceed the UNRES
BOLD RL Indicates RL that exceeds applicable criteria.
BOLD MDL Indicates MDL that exceeds applicable criteria.

TABLE NO. 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS SUMMARY
16875.003 - LIMITED REMEDIAL INVESTIGATION

SAMPLE ID:		TWP-RI-1				TWP-RI-2				TWP-RI-3				TWP-RI-4				TWP-RI-5				TWP-RI-7				FIELD BLANK				FIELD BLANK				TRIP BLANK			
LAB ID:		L2122213-07				L2122213-08				L2122213-09				L2122213-10				L2122213-11				L2122213-12				L2122213-14				L2122213-15				L2122213-17			
COLLECTION DATE:		4/29/2021				4/29/2021				4/29/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/26/2021			
SAMPLE DEPTH:		11.67'				11.41'				12.78'				13.35'				11.23'				12.03'				~				~				~			
SAMPLE MATRIX:		WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER			
PARAMETERS	NY-TOGS-GA	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	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																																					
Methylene chloride	5	ND		5	1.4	ND		2.5	0.7	0.84	J	2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,1-Dichloroethane	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Chloroform	7	ND		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Carbon tetrachloride	5	ND		1	0.27	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	-		-	-	ND		0.5	0.13
1,2-Dichloropropane	1	ND		**2**	**0.27**	**ND**		**1**	**0.14**	**ND**		**1**	**0.14**	**ND**		**1**	**0.14**	**ND**		**1**	**0.14**	**ND**		**1**	**0.14**	**ND**		**1**	**0.14**	-		-	-	**ND**		**1**	**0.14**
Dibromochloromethane	50	ND		1	0.3	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	-		-	-	ND		0.5	0.15
1,1,2-Trichloroethane	1	ND		**3**	**1**	**ND**		**1.5**	**0.5**	**ND**		**1.5**	**0.5**	**ND**		**1.5**	**0.5**	**ND**		**1.5**	**0.5**	**ND**		**1.5**	**0.5**	**ND**		**1.5**	**0.5**	-		-	-	**ND**		**1.5**	**0.5**
Tetrachloroethene	5	ND		1	0.36	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	-		-	-	ND		0.5	0.18
Chlorobenzene	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Trichlorofluoromethane	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,2-Dichloroethane	0.6	ND		**1**	**0.26**	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	-		-	-	ND		0.5	0.13
1,1,1-Trichloroethane	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Bromodichloromethane	50	ND		1	0.38	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	-		-	-	ND		0.5	0.19
trans-1,3-Dichloropropene	0.4	ND		**1**	**0.33**	**ND**		**0.5**	**0.16**	**ND**		**0.5**	**0.16**	**ND**		**0.5**	**0.16**	**ND**		**0.5**	**0.16**	**ND**		**0.5**	**0.16**	**ND**		**0.5**	**0.16**	-		-	-	**ND**		**0.5**	**0.16**
cis-1,3-Dichloropropene	0.4	ND		**1**	**0.29**	**ND**		**0.5**	**0.14**	**ND**		**0.5**	**0.14**	**ND**		**0.5**	**0.14**	**ND**		**0.5**	**0.14**	**ND**		**0.5**	**0.14**	**ND**		**0.5**	**0.14**	-		-	-	**ND**		**0.5**	**0.14**
1,3-Dichloropropene, Total		ND		1	0.29	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	-		-	-	ND		0.5	0.14
1,1-Dichloropropene	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Bromoform	50	ND		4	1.3	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	-		-	-	ND		2	0.65
1,1,2,2-Tetrachloroethane	5	ND		1	0.33	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	-		-	-	ND		0.5	0.17
Benzene	1	ND		**1**	**0.32**	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	-		-	-	ND		0.5	0.16
Toluene	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Ethylbenzene	5	3.2	J	5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Chloromethane		ND		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Bromomethane	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Vinyl chloride	2	ND		**2**	**0.14**	ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		1	0.07	ND		1	0.07	-		-	-	ND		1	0.07
Chloroethane	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7

TABLE NO. 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS SUMMARY
16875.003 - LIMITED REMEDIAL INVESTIGATION

SAMPLE ID:		TWP-RI-1				TWP-RI-2				TWP-RI-3				TWP-RI-4				TWP-RI-5				TWP-RI-7				FIELD BLANK				FIELD BLANK				TRIP BLANK			
LAB ID:		L2122213-07				L2122213-08				L2122213-09				L2122213-10				L2122213-11				L2122213-12				L2122213-14				L2122213-15				L2122213-17			
COLLECTION DATE:		4/29/2021				4/29/2021				4/29/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/26/2021			
SAMPLE DEPTH:		11.67'				11.41'				12.78'				13.35'				11.23'				12.03'				~				~				~			
SAMPLE MATRIX:		WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER			
PARAMETERS	NY-TOGS-GA	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	Conc	Q	RL	MDL
1,1-Dichloroethene	5	ND		1	0.34	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	-		-	-	ND		0.5	0.17
trans-1,2-Dichloroethene	5	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Trichloroethene	5	ND		1	0.35	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	-		-	-	ND		0.5	0.18
1,2-Dichlorobenzene	3	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,3-Dichlorobenzene	3	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,4-Dichlorobenzene	3	ND		**5**	**1.4**	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Methyl tert butyl ether	10	ND		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
p/m-Xylene	5	3.9	J	5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
o-Xylene	5	**12**		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Xylenes, Total		16	J	5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
cis-1,2-Dichloroethene	5	ND		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,2-Dichloroethene, Total		ND		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Dibromomethane	5	**ND**		**10**	2	**ND**		**5**	**1**	**ND**		**5**	**1**	**ND**		**5**	**1**	**ND**		**5**	**1**	**ND**		**5**	**1**	**ND**		**5**	**1**	-		-	-	**ND**		**5**	**1**
1,2,3-Trichloropropane	0.04	**ND**		**5**	**1.4**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	-		-	-	**ND**		**2.5**	**0.7**
Acrylonitrile	5	**ND**		**10**	3	**ND**		**5**	**1.5**	**ND**		**5**	**1.5**	**ND**		**5**	**1.5**	**ND**		**5**	**1.5**	**ND**		**5**	**1.5**	**ND**		**5**	**1.5**	-		-	-	**ND**		**5**	**1.5**
Styrene	930	ND		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Dichlorodifluoromethane	5	**ND**		**10**	2	**ND**		**5**	**1**	**ND**		**5**	**1**	**ND**		**5**	**1**	**ND**		**5**	**1**	**ND**		**5**	**1**	**ND**		**5**	**1**	-		-	-	**ND**		**5**	**1**
Acetone	50	7.4	J	10	2.9	4	J	5	1.5	4.1	J	5	1.5	3.8	J	5	1.5	7.2		5	1.5	9.9		5	1.5	3	J	5	1.5	-		-	-	ND		5	1.5
Carbon disulfide	60	ND		10	2	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	-		-	-	ND		5	1
2-Butanone	50	ND		10	3.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	5.3		5	1.9	ND		5	1.9	-		-	-	ND		5	1.9
Vinyl acetate		ND		10	2	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	-		-	-	ND		5	1
4-Methyl-2-pentanone		ND		10	2	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	-		-	-	ND		5	1
2-Hexanone	50	ND		10	2	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	-		-	-	ND		5	1
Bromochloromethane	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
2,2-Dichloropropane	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,2-Dibromoethane	0.0006	ND		**4**	**1.3**	**ND**		**2**	**0.65**	**ND**		**2**	**0.65**	**ND**		**2**	**0.65**	**ND**		**2**	**0.65**	**ND**		**2**	**0.65**	**ND**		**2**	**0.65**	-		-	-	**ND**		**2**	**0.65**
1,3-Dichloropropane	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,1,1,2-Tetrachloroethane	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Bromobenzene	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
n-Butylbenzene	5	3.3	J	5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
sec-Butylbenzene	5	**8.1**		5	1.4	ND		2.5	0.7	ND		2.5	0.7	1.7	J	2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
tert-Butylbenzene	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
o-Chlorotoluene	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
p-Chlorotoluene	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	0.04	ND		**5**	1.4	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	-		-	-	**ND**		**2.5**	**0.7**

TABLE NO. 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS SUMMARY
16875.003 - LIMITED REMEDIAL INVESTIGATION

SAMPLE ID:		TWP-RI-1				TWP-RI-2				TWP-RI-3				TWP-RI-4				TWP-RI-5				TWP-RI-7				FIELD BLANK				FIELD BLANK				TRIP BLANK			
LAB ID:		L2122213-07				L2122213-08				L2122213-09				L2122213-10				L2122213-11				L2122213-12				L2122213-14				L2122213-15				L2122213-17			
COLLECTION DATE:		4/29/2021				4/29/2021				4/29/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/28/2021				4/26/2021			
SAMPLE DEPTH:		11.67'				11.41'				12.78'				13.35'				11.23'				12.03'				~				~				~			
SAMPLE MATRIX:		WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER				WATER			
PARAMETERS	NY-TOGS-GA	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	Conc	Q	RL	MDL
Hexachlorobutadiene	0.5	ND		**5**	1.4	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	**ND**		**2.5**	**0.7**	-		-	-	**ND**		**2.5**	**0.7**
Isopropylbenzene	5	3.3	J	5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
p-Isopropyltoluene	5	3.3	J	5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Naphthalene	10	**28**		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
n-Propylbenzene	5	**5.3**		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,2,3-Trichlorobenzene	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,2,4-Trichlorobenzene	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,3,5-Trimethylbenzene	5	**9.5**		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,2,4-Trimethylbenzene	5	**46**		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
1,4-Dioxane		ND		500	120	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	-		-	-	ND		250	61
p-Diethylbenzene		20		4	1.4	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	-		-	-	ND		2	0.7
p-Ethyltoluene		12		4	1.4	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	ND		2	0.7	-		-	-	ND		2	0.7
1,2,4,5-Tetramethylbenzene	5	**16**		4	1.1	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	ND		2	0.54	-		-	-	ND		2	0.54
Ethyl ether		ND		5	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
trans-1,4-Dichloro-2-butene	5	ND		**5**	1.4	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	-		-	-	ND		2.5	0.7
Total VOCs		181.3	-	-	-	4	-	-	-	4.94	-	-	-	5.5	-	-	-	7.2	-	-	-	15.2	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-SIM																																					
Acenaphthene	20	8.5		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	0.23		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	-		-	-	ND		0.1	0.01	-	-	-	-
2-Chloronaphthalene	10	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02	ND		0.2	0.02	-		-	-	ND		0.2	0.02	-	-	-	-
Fluoranthene	50	1.3		0.1	0.02	0.03	J	0.1	0.02	ND		0.1	0.02	0.95		0.1	0.02	0.13		0.1	0.02	0.18		0.1	0.02	-		-	-	ND		0.1	0.02	-	-	-	-
Naphthalene	10	**15**		0.1	0.05	ND		0.1	0.05	ND		0.1	0.05	0.08	J	0.1	0.05	0.15		0.1	0.05	ND		0.1	0.05	-		-	-	ND		0.1	0.05	-	-	-	-
Benzo(a)anthracene	0.002	**0.29**		0.1	0.02	**0.03**	J	0.1	0.02	**0.02**	J	0.1	0.02	**0.34**		0.1	0.02	**0.1**		0.1	0.02	**0.12**		0.1	0.02	-		-	-	**ND**		**0.1**	**0.02**	-	-	-	-
Benzo(a)pyrene	0	**0.03**	J	0.1	0.02	ND		**0.1**	**0.02**	ND		**0.1**	**0.02**	**0.35**		0.1	0.02	**0.11**		0.1	0.02	**0.12**		0.1	0.02	-		-	-	**ND**		**0.1**	**0.02**	-	-	-	-
Benzo(b)fluoranthene	0.002	**0.04**	J	0.1	0.01	**0.01**	J	0.1	0.01	**0.01**	J	0.1	0.01	**0.42**		0.1	0.01	**0.12**		0.1	0.01	**0.15**		0.1	0.01	-		-	-	**ND**		**0.1**	**0.01**	-	-	-	-
Benzo(k)fluoranthene	0.002	**0.01**	J	0.1	0.01	ND		**0.1**	**0.01**	ND		**0.1**	**0.01**	**0.14**		0.1	0.01	**0.04**	J	0.1	0.01	**0.05**	J	0.1	0.01	-		-	-	**ND**		**0.1**	**0.01**	-	-	-	-
Chrysene	0.002	**0.65**		0.1	0.01	ND		**0.1**	**0.01**	ND		**0.1**	**0.01**	**0.32**		0.1	0.01	**0.11**		0.1	0.01	**0.1**		0.1	0.01	-		-	-	**ND**		**0.1**	**0.01**	-	-	-	-
Acenaphthylene		3.3		0.1	0.01	0.01	J	0.1	0.01	ND		0.1	0.01	0.07	J	0.1	0.01	0.05	J	0.1	0.01	0.04	J	0.1	0.01	-		-	-	ND		0.1	0.01	-	-	-	-
Anthracene	50	4.5		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	0.17		0.1	0.01	0.03	J	0.1	0.01	0.02	J	0.1	0.01	-		-	-	ND		0.1	0.01	-	-	-	-
Benzo(ghi)perylene		0.02	J	0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	0.21		0.1	0.01	0.08	J	0.1	0.01	0.08	J	0.1	0.01	-		-	-	ND		0.1	0.01	-	-	-	-
Fluorene	50	18		0.1	0.01	0.02	J	0.1	0.01	ND		0.1	0.01	0.22		0.1	0.01	0.03	J	0.1	0.01	0.02	J	0.1	0.01	-		-	-	ND		0.1	0.01	-	-	-	-
Phenanthrene	50	44		0.1	0.02	0.08	J	0.1	0.02	ND		0.1	0.02	0.68		0.1	0.02	0.09	J	0.1	0.02	0.1		0.1	0.02	-		-	-	ND		0.1	0.02	-	-	-	-
Dibenzo(a,h)anthracene		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	0.06	J	0.1	0.01	0.02	J	0.1	0.01	0.02	J	0.1	0.01	-		-	-	ND		0.1	0.01	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.002	**0.02**	J	0.1	0.01	ND		**0.1**	**0.01**	ND		**0.1**	**0.01**	**0.22**		0.1	0.01	**0.07**	J	0.1	0.01	**0.08**	J	0.1	0.01	-		-	-	**ND**		**0.1**	**0.01**	-	-	-	-
Pyrene	50	8.1		0.1	0.02	0.04	J	0.1	0.02	0.02	J	0.1	0.02	0.89		0.1	0.02	0.21		0.1	0.02	0.22		0.1	0.02	-		-	-	ND		0.1	0.02	-	-	-	-
2-Methylnaphthalene		57		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	0.05	J	0.1	0.02	0.08	J	0.1	0.02	0.03	J	0.1	0.02	-		-	-	ND		0.1	0.02	-	-	-	-
Total SVOCs		160.76	-	-	-	0.22	-	-	-	0.05	-	-	-	5.4	-	-	-	1.42	-	-	-	1.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETROLEUM HYDROCARBON QUANTITATION																																					
TPH (C10-C36)		-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-	ND		200	84	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
NY-TOGS-GA: NY - New York TOGS 111 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.
Highlighted Bold Indicate concentrations exceed the TOGS-GA

APPENDIX A

Phase I Environmental Site Assessment Report 1/14/21

FRENCH & PARRELLO ASSOCIATES

Advancing Our Client's Vision
IMPROVING OUR WORLD

Phase I Environmental Site Assessment Report

Proposed 119 Oregon Road Multifamily Development Site

Block 1, Lot 12
Town of Cortlandt
Westchester County, New York



Mr. Devon Ward
Horizontal Design & Entitlements Manager
THE NRP GROUP LLC
1600 District Avenue, Suite 315
Burlington, MA 01803

January 14, 2021
FPA No. 16875.001

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January 14, 2021

Mr. Devon Ward
Horizontal Design & Entitlements Manager
THE NRP GROUP LLC
1600 District Avenue, Suite 315
Burlington, MA 01803

Re: Phase I Environmental Site Assessment Report
Proposed 119 Oregon Road Multifamily Development Site
Block 1, Lot 12
Town of Cortlandt, Westchester County, New York
FPA No.16875.001

Dear Mr. Ward:

Attached please find our Phase I Environmental Site Assessment Report (Phase I ESA) for the above referenced Site, located at 119 Oregon Road, Block 1, Lot 12, Cortlandt, Westchester County, New York, identified by The NRP Group LLC (NRP) as the Proposed 119 Oregon Road Multifamily Development Site. French and Parrello Associates (FPA) performed our services in accordance with the scope of services authorized by you following the ASTM International (ASTM) E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

FPA identified three Recognized Environmental Conditions (RECs) and one Historical REC (HREC), requiring additional assessment within the Subject Property based upon the results of this Phase I ESA:

- **REC-1: 500-gallon No. 2 Heating Oil Underground Storage Tank Still in Use**
  Additional assessment of REC-1 is warranted. This underground storage tank (UST) is located under the ballroom and lounge on the south side of the main building, is more than 57 years old, and represents a potential source of petroleum hydrocarbon discharge to the surrounding soil.
- **REC-2: 1,000-gallon No. 2 Heating Oil Underground Storage Tank Still in Use**
  Additional assessment of REC-2 is warranted. This UST is located under the ballroom and lounge on the north side of the main building, is more than 54 years old, and represents a potential source of petroleum hydrocarbon discharge to the surrounding soil.

- **REC-3: Random Dumping**
  Additional assessment of REC-4 is warranted to determine the nature of the dumped materials adjacent to the rear access drive at the southeast section of the Subject Property to confirm there are no hazardous substances or petroleum products mixed-in with the dumped materials.
- **HREC-1: Former 1,000-gallon No. 2 Heating Oil UST**
  Additional assessment of HREC-1 is warranted based upon the limited UST closure information available for review.

FPA thanks you for the opportunity to work on this important project.

If you have any questions, please do not hesitate to contact the undersigned at 732-312-9811 or Neil.Jiorle@FPAengineers.com.

Sincerely,

FRENCH & PARRELLO ASSOCIATES

Neil P. Jiorle
Senior Project Manager
Environmental Services

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Appendix A Site Photographs
Appendix B Environmental Data Resources (EDR) Report
Appendix C User Questionnaire
Appendix D Background Information
Appendix E Governmental Correspondence
Appendix F Resume

1.0 EXECUTIVE SUMMARY

The NRP Group LLC (NRP) retained French & Parrello Associates (FPA) to conduct a Phase I Environmental Site Assessment (ESA) at the Subject Property identified as the Proposed 119 Oregon Road Multifamily Development Site, currently known as The Mansion at Colonial Terrace, 119 Oregon Road, Block 1, Lot 12, Town of Cortlandt, Westchester County, New York (hereafter referred to as the Site or Subject Property) as part of their environmental due diligence.

FPA performed the Phase I ESA in accordance with ASTM International (ASTM) E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process to identify Recognized Environmental Conditions (RECs) at the Subject Property. FPA's scope of work included a review of available historic documents and environmental databases, letter requests for site data from local, state and federal governmental agencies, a Site reconnaissance and general characterization of the area, interviews with Subject Property representatives and/or persons otherwise knowledgeable about environmental conditions on the Subject Property, evaluation of the available data, and preparation of this report. FPA's Phase I ESAs do not include an evaluation of ASTM E1527-13 Section 13 non-scope items [i.e., suspected asbestos-containing materials (ACM), lead based-paint (LBP), mold, radon, wetlands, etc.] or sampling/analysis of environmental media (i.e., air, soil, soil gas, or groundwater).

2.0 INTRODUCTION

2.1 Project Background

The Subject Property location is presented as Drawing No. 1, United States Geological Survey (USGS) Topographic Map, Drawing No. 2, Tax Map and Drawing No. 3, Site Layout Map. NRP has entered into an agreement with the current property owners to acquire the Subject Property. NRP retained FPA to complete a Phase I ESA for the Subject Property as part of their environmental due diligence.

The Subject Property consists of one lot containing approximately 8.73 acres. The Subject Property slopes from an elevation of approximately 180' above mean sea level (msl) at the

southern property boundary to approximately 112' above msl in the northeast section near Oregon Road and Donnelly Place. The Subject Property boundary is depicted in its current configuration on Drawing No. 3, Site Layout Map.

2.2 Purpose

FPA performed this Phase I ESA for NRP as part of their environmental due diligence to demonstrate compliance with the United States Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI) Rule, 40 Code of Federal Regulations (CFR) Part 312 and the provisions contained therein to qualify for certain landowner liability protections under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). 40 CFR Part 312, Section 312.11 references the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process as an industry standard that may be used to comply with the requirements set forth at 40 CFR 312, Sections 312.20 through 312.31.

2.3 Detailed Scope of Work

The purpose of a Phase I ESA is to identify, to the extent feasible, RECs in connection with the Subject Property. ASTM defines three types of RECs. A REC is defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any 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. A Historical REC (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 has met unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (such as property use restrictions, activity and use limitations, institutional controls, or engineering controls). A Controlled REC (CREC) is defined as a REC 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 (such as property use restrictions, activity and use limitations, institutional controls, or engineering controls). If an HREC or a CREC is identified within this Phase I ESA, the distinction will be highlighted for clarification.

ASTM defines de minimis condition 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. De minimis conditions are not RECs or CRECs.

ASTM further defines a 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. As stated in Appendix X1.6.3 of the ASTM standard; the user may be concerned about BERs that do not fall within the definition of a REC.

FPA performed this Phase I ESA in accordance with ASTM E1527-13. FPA's scope of work included: (1) a review of available historic documents and environmental databases, (2) letter and on-line requests for site data from governmental agencies, (3) a site reconnaissance and general characterization of the area, (4) interviews with Subject Property representatives and/or persons otherwise knowledgeable about property environmental conditions, (5) evaluation of the available data, and (6) preparation of this report. Photographs documenting the site reconnaissance are included in Appendix A, an environmental database search is included in Appendix B, a User Questionnaire is included as Appendix C, background information is included as Appendix D, and governmental correspondence documents are included in Appendix E.

All findings, opinions, and conclusions, presented in this report are limited to the Subject Property and if appropriate, adjacent properties in the immediate vicinity of the Subject Property.

2.4 Significant Assumptions

This Phase I ESA report is primarily intended as a diligent inquiry designed to identify RECs at the Subject Property. Information used to perform this assessment is limited to reasonably ascertainable information as defined at ASTM E1527-13 Section 3.2.77 that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable, and includes government records, standard environmental database services, and environmental professional observations made during site reconnaissance. It is assumed this information is accurate and reliable.

2.5 Deviations

No deviations from generally accepted standards of practice are noted for this report.

2.6 Limitations and Exceptions

This Phase I ESA report has been prepared for the sole use of NRP as part of the due diligence of the Subject Property. Any use of the data contained in this report by anyone else, or on any other project or property, is at the user's sole risk. This Phase I ESA is limited to the Subject Property. It does not encompass surrounding properties other than for consideration of potential impacts on the Subject Property.

Services performed by FPA during this project have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation expressed or implied, and no warranty or guarantee is included or intended in the services provided.

2.7 Statement of User Reliance

All reports, plans, specifications, electronic data, field data, notes, and other documents ("Work Product") prepared by FPA for this Phase I ESA are intended for the exclusive use and reliance by NRP. Any other use or reliance by others without the written approval of FPA will be at NRP's sole risk and without liability or legal exposure to FPA.

FPA assumes that NRP intends to use this Phase I ESA for the purposes of qualifying for one of the Landowner Liability Protections (LLP) offered by the Small Business Liability Relief and Brownfields Revitalization Act (SBLRBRA) and the regulations set forth at 40 CFR 312, and the client can rely upon this Phase I ESA for this purpose. The information provided in the performance of this Phase I ESA is assumed to be reliable unless actual knowledge of incorrectness is known or reported.

2.8 Data Gaps

As defined within the ASTM E1527-13 Section 3.2.21, a Data Gap is "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information" (i.e., an inability to conduct the site visit, or interviews). There were no data gaps when performing this Phase I ESA.

3.0 SITE DESCRIPTION

3.1 Subject Property Location and Legal Description

The Subject Property is located at 119 Oregon Road, Cortlandt, New York and consists of one lot containing approximately 8.73 acres and is identified as Block 1, Lot 12, on the Town of Cortlandt tax map. The Site slopes from an elevation of approximately 180' above msl at the southern property boundary to approximately 112' above msl in the northeast section near Donnelly Place. The Subject Property boundary is depicted in its current configuration on Drawing No. 3, Site Layout Map. The property owner is identified as Terrace Management, Inc. on an ALTA/NSPS Land Title Survey (ALTA Survey) prepared by the Gallas Surveying Group (Appendix D). The correct property ownership information is Terrace Management, Inc., doing business as Colonial Terrace according to Alan Drogy. This ALTA Survey referenced survey information filed in the Office of the County Clerk of Westchester County. The Subject Property location is displayed on Drawing No. 1, USGS Topographic Map and Drawing No. 2, Tax Map.

3.2 Current and Past Uses of the Subject Property

Construction of the main building dates to the mid-1800s according to Alan and Sheila Drogy who

own the Subject Property. Most recently the Site, known as The Mansion at Colonial Terrace, has been used as a reception event and banquet/catering hall.

The main building and grounds were a privately owned estate from the mid-1800s until 1945 when the then owner, Eugene Waterbury sold the property to Oscar Levitz. Mr. Levitz purchase the Subject Property for use as a country inn/hotel and camp, and eventually became re-purposed to the most recent use as a reception event and banquet/catering hall. The last activity in the two ballrooms was the last weekend of March 2020.

3.3 Descriptions of Structures, Roads, Utilities, and Other Improvements on the Subject Property

The Site is accessible from Oregon Road on the north side using a 75' wide asphalt-paved entrance drive with a large asphalt paved parking area on the west side of the Subject Property. The Site is also accessible from the south from a road identified as The Oval. This entrance provides access to the rear of the main building for deliveries. There are six buildings located on the Subject Property. The main building is a multi-story, wood-frame, reception event and banquet/catering facility with an approximately 19,354 square foot (sf) footprint. The original section of the main building dates to the mid-1800s. A lounge and subsequently a ballroom were added to the south side of the original section in approximately 1963. A second ballroom and lounge were added to the north side of the original section in approximately 1966. The other five buildings are smaller, one-story, wood-frame or wood/concrete framed structures with sizes ranging from approximately 450 sf to 1,200 sf.

Electricity is provided to the Site by Consolidated Edison.

There is no natural gas service to the Subject Property. The facility uses a combination of No. 2 heating oil and propane for heating, hot water, and cooking. The No. 2 heating oil is stored in two underground storage tanks (USTs) and one 330-gallon above ground storage tank (AST). Terrace Management's oil supplier is Check Oil, 701 North Division Street, Peekskill, New York according to Mr. Drogy. One of the USTs has 500-gallon capacity and is located under the

ballroom and lounge on the south side of the main building. The other UST has 1,000-gallon capacity and is located under the ballroom and lounge on the north side of the main building. These USTs pre-date the building additions beneath which they are located therefore, they have both been in-place for over 50 years. No evidence of discharges was noted on the walls or ground surfaces beneath the remote fill and vent pipes for either of these two USTs. The 330-gallon AST replaced one 1,000-gallon UST that was located near the back of the building along the rear access driveway. This 1,000-gallon UST was removed approximately five years ago according to Mr. Drogy and FPA reviewed environmental database records that indicated this UST was removed in July 2015. Mr. Drogy indicated there was no discharge identified when this 1,000-gallon UST was removed.

Propane is stored in two 1,000-gallon above ground propane tanks are located in a wooded area approximately 50' to the south of the main building and supply the building with propane via an underground pipe. Propane is also stored in three 100-gallon above ground propane tanks are located approximately 25' to the south of the main building. These tanks are manifolded together and supply the building with propane via an above ground pipe. Terrace Management's propane supplier is Burke Propane and Heating, 560 North Main Street. Brewster, New York.

Potable water is provided to the site by Northern Westchester Joint Water District.

Sanitary sewage is directed to an on-site subsurface septic system consisting of a 2,000-gallon septic tank, distribution box, and leach field. The septic tank is pumped-out at least two times per year according to Mr. Drogy. Terrace Management's septic system is serviced by Fred A. Cook, Jr., Box 70, Montrose, New York. No overt evidence of leach field failure was noted but the grass lawn appeared greener above the leach field than the surrounding lawn areas, implying some degree of nutrient loading.

3.4 Topographic, Geologic, Hydro-geologic, and Hydrologic Conditions for the Subject Property and Surrounding Area

The physical setting is provided by a USGS Topographic Map presented as Drawing No. 1. The Subject Property slopes from an elevation of approximately 180' above msl at the southern property boundary to approximately 112' above msl in the northeast section near Donnelly Place. The Subject Property boundary is depicted in its current configuration on Drawing No. 3, Site Layout Map. FPA ordered an Environmental Data Resources (EDR) Radius Map™ Report with GeoCheck® environmental database search as part of this Phase I ESA. The soils within the Subject Property, according to the EDR Geocheck Summary included with the EDR Radius Report (Appendix B), are identified as:

- Udorthents gravelly loam, fine-grained silts and clay, moderately well drained, and not hydric. No reported corrosion potential for uncoated steel.
- Charlton loam, coarse-grained sands, silty sands, well drained, not hydric, with low corrosion potential for uncoated steel.
- Urban Land and generally classified as loam, moderate infiltration rates, and moderately well drained. No reported corrosion potential for uncoated steel.
- Woodbridge loam, coarse-grained sands with fines, silty sand, slow infiltration rates, moderately well drained, not hydric, with low corrosion potential for uncoated steel.

4.0 USER PROVIDED INFORMATION

4.1 User Questionnaire

40 CFR 312.25, 40 CFR 312.26, and 40 CFR 312.28 through 40 CFR 312.31, and ASTM E1527-13 Section 6 identify the following responsibilities of the User of a Phase I ESA to assist in the identification of potential RECs. The User must conduct these inquiries and should provide the information obtained from these inquiries to the environmental professional. Failure to conduct these inquiries could result in a determination that AAI is not complete. Refer to Appendix C for the User Questionnaire prepared in accordance with ASTM E1527-13 Appendix X3. Andrew Van Zelm of NRP Holdings LLC (User) provided the following responses to the User Questionnaire:

- Communication to the environmental professional, by the User, of information relative to any environmental cleanup liens filed or recorded under federal, tribal, state, or local law at the Subject Property of which the User is aware (40 CFR 312.25 and ASTM E1527-13 Sections 6.1 and 6.4). *Mr. Van Zelm indicated he is not aware of any environmental cleanup liens filed or recorded against the Subject Property.*

- Communication to the environmental professional, by the User, of information relative to any activity and use limitations such as engineering controls, land use restrictions, deed notices/restrictions, groundwater use restrictions, etc., that are in place at the Subject Property and/or have been filed or recorded in a registry under federal, tribal, state, or local law of which the User is aware (40 CFR 312.26 and ASTM E1527-13 Sections 6.1 and 6.2). *Mr. Van Zelm indicated he is not aware of any activity and use limitations associated with the Subject Property.*

- Communication to the environmental professional, by the User, of any specialized knowledge or experience, or other information related to the Subject Property or nearby properties which the User has (40 CFR 312.28 and ASTM E1527-13 Sections 6.1 and 6.3). *Mr. Van Zelm indicated that he does not have any specialized knowledge or experience related to the Subject Property.*

- Communication to the environmental professional, by the User, of the relationship of the purchase price to the fair market value of the Subject Property assuming the Subject Property has not been contaminated (40 CFR 312.29 and ASTM E1527-13 Sections 6.1 and 6.5). *Mr. Van Zelm indicated the purchase price reflects the fair market value for the Subject Property.*

- Communication to the environmental professional, by the User, of any commonly known or reasonably ascertainable information (40 CFR 312.30 and ASTM E1527-13 Sections 6.1 and 6.6). *Mr. Van Zelm indicated he is not aware of any commonly known or reasonably ascertainable information indicative of releases or threatened releases associated with current or past uses of the Subject Property.*

- Communication to the environmental professional, by the User, of the obviousness of the presence or likely presence of contamination at the Subject Property and the ability to detect the contamination by appropriate investigation (40 CFR 312.31 and ASTM E1527-13 Sections 6.1 and 6.7). *Mr. Van Zelm indicated he is not aware of any obvious environmental contamination at the Subject Property.*

4.2 Title Records Review

NRP provided a Certificate of Title issued by Stewart Title Insurance Company and a Title Report prepared by Benchmark Title Agency, LLC to FPA as part of this Phase I ESA. The Benchmark Title Agency, LLC report indicated that searches for federal tax liens and judgments have been run against NRP Properties, LLC, the proposed purchaser(s)/mortgagor(s) and Terrace Management Inc., the certified owner(s), and such searches disclosed "nothing found".

4.3 Environmental Liens or Activity and Use Limitations

FPA reviewed the EDR report which did not identify any federal, state, or local environmental liens or land use limitations at the Subject Property.

The Benchmark Title Agency, LLC report indicated that searches for federal tax liens and judgments have been run against NRP Properties, LLC, the proposed purchaser(s)/mortgagor(s) and Terrace Management Inc., the certified owner(s), and such searches disclosed "nothing found". The title records did not identify any environmental liens or Activity and Use Limitations (AULs) for the Subject Property.

Further, according to the client's responses to the User Questionnaire that FPA supplied to the client, no environmental liens or land use limitations are present on the Subject Property.

4.4 Owner, Property Manager, and Occupant Information

The property owner is identified as Terrace Management, Inc. on an ALTA Survey dated April 25, 2018. Alan and Sheila Drogy identified themselves as the property owners during the

December 8, 2020 Site reconnaissance. The Site has not been used for receptions or events since the last weekend of March 2020, and the Drogys are only at the Site on an as-needed basis.

4.5 Other, Including any Specialized Knowledge

No specialized knowledge or experience was communicated to FPA by the User with respect to this Phase I ESA. The Subject Property is being purchased at fair market value for redevelopment into a three-story multi-family building with common and social services areas according to a Conceptual Site Plan (Appendix D) and no known contamination is present, based upon the User Questionnaire returned by the client (Appendix C).

4.6 Review of User Provided Reports

As part of the user's responsibility to assist in the identification of potential REC's, historic reports and documents pertaining to the Subject Property should be reviewed. The Subject Property does not have a site remediation history except for the 2015 removal of one 1,000-gallon No. 2 heating oil UST and the User is unaware of any historic reports that have been prepared for the Subject Property; therefore, no reports were provided.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

An FPA representative conducted a Site reconnaissance on December 8, 2020, in accordance with ASTM E1527-13 Section 9. Alan and Sheila Drogy escorted the FPA representative and Mr. Myles Monaghan, Senior Development Associate of The NRP Group, on the Site reconnaissance and provided Site information. The Subject Property was evaluated for RECs. The Site reconnaissance was limited to the Subject Property and immediately adjacent areas which potentially could affect the Subject Property. The evaluation of the adjacent areas was performed from the Subject Property and/or from public rights-of-way.

5.2 General Site Setting

The approximately 8.73-acre Subject Property is located in a mixed-use area; primarily residential with some commercial, and large tracts of undeveloped wooded sections, in the Town of Cortlandt, Westchester County, New York. The Subject Property is bound to the north by Oregon Road and Donnelly Place beyond which are the Cortlandt Healthcare and Saint Columbanus School properties, to the east by a residential property identified as 121 Oregon Road, to the south by a road identified as The Oval beyond which are single family residences, and to the west by Eton Downs Street beyond which are Heady Street, the Cortlandt Town Hall and residential properties.

5.3 Exterior Observations

FPA personnel entered the Site along the asphalt driveway from Oregon Road in the north and walked the exterior areas, circling the outside of the main building in a clockwise manner and inspecting the outbuildings to the north and east of the main building at this time. The outbuildings included: one-story wood-frame garage (~1,200 sf); one-story wood-frame building (~600 sf) that was used for food preparation associated with the outdoor banquet area and for storage (tables, chairs, etc.); one-story wood-frame building (~420 sf) formerly used as housing for employees; one-story wood-frame building (~450 sf) formerly used as housing for employees; one-story wood/concrete framed building (~840 sf) located approximately 60’ south of the main building that is used for storage and contains two cooling equipment compressors that generate cold air for a free-standing box freezer that is located approximately 10’ north of this storage building. No evidence of discharges was noted beneath these compressors. The 600 sf, 420 sf, and 450 sf buildings were in various states of disrepair with roof and wall sections missing.

One pole-mounted transformer is located to the north of the main building, adjacent to the entrance driveway and the handicapped parking stalls. The transformer is in good condition with no evidence of corrosion, leaks, or discharges. The transformer did not have signage or placards indicating it is non-poly chlorinated biphenyl (PCB) containing.

There is an architectural feature that has the appearance of a dug-well with a circular stone and mortar wall and an A-frame wooden roof, but the base is a concrete slab with no subsurface access.

FPA noted a metal pipe extending three inches above grade with a dome-shaped metal cap at the north edge of the outdoor dining patio area located to the northeast of the main building. The ALTA Survey identifies this feature as a cleanout and Mr. Drogy confirmed this is a clean out for the on-site subsurface septic system.

There is a large, stone and mortar propane-fired barbecue grill located approximately 20' south of the dining patio with a small concrete block and wooden shed adjacent to the barbecue. The shed contains two sets of water pipes and valves. The ~600 sf one-story wood-frame building that was used for food preparation associated with the outdoor banquet area and for storage is located approximately 40' east of the barbecue grill and there are two portable propane tanks on the north side of this building and two portable propane tanks on the east side. It is unknown if these tanks contain propane, but none of the four are chained or secured. One metal pipe exits the rear (east side) of the structure approximately two inches above the ground surface and ends as an open pipe approximately four feet from the building. This pipe was a drain for a sink in this building according to Mr. Drogy. FPA observed no staining or stressed vegetation near the discharge end of the pipe.

A steel trash compactor is located on the asphalt pavement access drive at the rear of the main building, approximately 30' southeast of the main building. The steel lid was open. There were general household waste items, primarily food containers and trash, in the compactor at the time of FPA's Site reconnaissance. The hydraulic oil reservoir tank for the trash compactor and associated hoses appeared to be in sound condition with no evidence of discharges. The asphalt surface exhibited de minimis staining for several feet in each direction around the compactor.

FPA noted evidence of random dumping adjacent to the rear access drive at the southeast section of the Subject Property. The dumped materials appeared to be primarily tree sections and vegetative waste however, some amounts of demolition debris were noted protruding from the vegetative waste. FPA observed no staining or stressed vegetation (other than tree trimmings) in the vicinity of this debris pile.

One trench drain traverses the rear entrance driveway in this vicinity to intercept stormwater sheet flow before reaching the rear of the main building. There are two additional storm water catch basins in the rear entrance driveway. No physical evidence of adverse impacts was noted in the trench drain or catch basins. The stormwater discharge locations are unknown.

Three dumpsters for recycling are located along the rear entrance driveway in this vicinity adjacent to the east side of the 840 sf one-story wood/concrete framed storage building located approximately 60' south of the main building. One of the dumpsters is labeled glass/plastic and the other two dumpsters are labeled paper. No evidence of discharges was noted from these three dumpsters.

Two 1,000-gallon above ground propane tanks are located in a wooded area approximately 50' to the south of the main building and supply the building with propane via an underground pipe. Three 100-gallon above ground propane tanks are located approximately 25' to the south of the main building. These tanks are manifolded together and supply the building with propane via an above ground pipe.

Two refrigerator compressor stations are located adjacent to the rear of the main building. No evidence of discharges was noted beneath these compressors.

There is an outdoor reception area to the west of the main building that includes a slate patio, raised wooden platform, and fountain. The ALTA Survey indicates there are USTs located approximately 15' north of the slate patio. No surface evidence of the USTs was noted during

the Site reconnaissance. There is no regulatory record of these USTs. Mr. Drogy indicated he has no knowledge of these USTs and he stated, “After a thorough check of our records, we have no indication of these two tanks”. He also indicated there were bungalows in this location prior to 1965 which suggests the utility mark out could have identified subsurface features associated with the former structures. Mr. Drogy subsequently contacted FPA to indicate that he consulted with members of his wife’s family. These tanks were part of the pool filtering and chlorination system. Water was pumped through these tanks, chlorinated, filtered, and pumped back into the pool. The ALTA survey indication that these tanks were USTs is incorrect. These tanks were not USTs.

UST fill and vent pipes were noted protruding from the concrete wall beneath the ballroom on the south side of the main building. Mr. Drogy indicated these pipes are associated with a 500-gallon No. 2 heating oil UST that is located beneath the ballroom and predates the ballroom construction. No evidence of discharges was noted on the walls or ground surfaces beneath the remote fill and vent pipes.

UST fill and vent pipes were noted protruding from the concrete wall beneath the ballroom on the north side of the main building. Mr. Drogy indicated these pipes are associated with a 1,000-gallonn No. 2 heating oil UST that is located beneath the ballroom and predates the ballroom construction. No evidence of discharges was noted on the walls or ground surfaces beneath the remote fill and vent pipes.

5.4 Interior Observations

Alan and Sheila Drogy escorted the FPA representative and Mr. Monaghan on the interior Site reconnaissance on December 8, 2020.

There are three No. 2 heating oil-fired boilers that provide heat and hot water for the building. Two of these are in the basement and the No. 2 heating oil for these is stored in the two USTs. There are also two large steel hot water holding tanks in the basement. One of the boilers is

jacketed with white, fibrous insulation as are the hot water pipes exiting the boiler. The potential exists that this insulation is an ACM. FPA notes that similar insulation is present on hot water pipes at other locations in the basement. No evidence of discharges was noted near this boiler. The second boiler observed does not have jacketed insulation. Some white, fibrous insulated piping is present in this area of the basement. No evidence of discharges was noted near this boiler.

Several five-gallon plastic containers of Cryo-Tek anti-freeze and inhibitor are stored in the basement. The containers generally appeared in sound condition with no evidence of discharges. This product contains propylene glycol and corrosion inhibitor for use in closed loop hydronic heating and cooling systems. This product is not classified as hazardous according to the Occupational Safety and Health Administration (OSHA) Material Safety Data Sheet (MSDS). Various plastic containers of liquid cleaners are present in the basement and are connected to dispensers on the first floor via clear Tygon® tubing. These liquids include Ecolab sanitizing agent, Ecolab heavy duty bathroom cleaner and disinfectant, and Ecolab Oasis 255SF industrial strength concentrated glass cleaner. One 10-gallon plastic container of Roto-Rooter Drain and Grease Trap Treatment is connected to the first floor via clear Tygon® tubing. This product uses a bio-enzymatic formulation to break down grease as part of drainpipe maintenance. No evidence of discharges was noted in these container storage areas.

Multiple pint, quart, and gallon cans, containers of paints, vanishes, mineral spirits, aerosol cans of paint, tubes of caulk, and plastic containers of spackle are stored on wooden shelves in the basement. The area is clean and well maintained and no evidence discharges was noted. Various small electric motors and other equipment associated with the entertainment ballrooms are stored in the basement.

There is a large commercial kitchen on the first floor that serves both ballrooms and lounges. The kitchen is equipped with walk-in and free-standing refrigerators, freezers, stoves, ovens, dishwashers, ice machines, and numerous metal racks. The various outdoor above ground

propane storage tanks supply the propane that used in the ovens and stoves. The kitchen has a vinyl tile floor. The floor tiles and associated mastic could potentially be ACM based upon the age of the building. The kitchen has fluorescent light fixtures. These light fixtures could potentially have ballasts that contain PCBs based upon the age of the building.

The third boiler is in a first-floor hallway near the kitchen as is the 330-gallon AST that supplies this boiler. No insulating material is present on the outside of this boiler or on the hot water pipes exiting it. No evidence of discharges was noted near this boiler.

One of the first-floor lounges has a wood parquet floor. Several sections of this floor were removed, revealing black mastic material beneath. The mastic could potentially be ACM based upon the age of the building.

The second floor contains business offices, meeting rooms, bathrooms, rooms used for storage of various reception event items and household-grade cleaners, and bedrooms from the time the building was used as a country inn/hotel. Many of these areas are carpeted and areas some have ceramic tile or vinyl tile floors. The vinyl tile flooring and associated mastic could potentially be ACM based upon the age of the building. Several of the second-floor rooms have fluorescent light fixtures. These light fixtures could potentially have ballasts that contain PCBs based upon the age of the building.

There is a small attic area with a few small items such as candle holders and bed frames stored here. The wood framing and wood roof sheathing are relatively new, and Mr. Drogy indicated this area had been rebuilt after a small fire.

6.0 INTERVIEWS

6.1 Interviews with Owner/Site Manager/Occupants

FPA interviewed Alan and Sheila Drogy as part of the Phase I ESA process. They provided information regarding property history, current use, operations, and utility services. Information obtained from these interviews is discussed throughout this report.

6.2 Governmental Correspondence

FPA submitted online requests to the New York State Department of Environmental Conservation (NYSDEC), New York State Department of Health (NYSDOH), Westchester County, and the Town of Cortlandt, for relevant environmental information from the government agency files under the provisions of the New York Freedom of Information Law (FOIL). NYSDEC, Westchester County, and the Town of Cortlandt all responded that no relevant records related to our request were identified for the Subject Property. NYSDOH responded with acknowledgements of the FOIL submission but had not responded with respect to having or not having information as of the time this report was prepared. FPA also utilized the USEPA's Envirofacts and MyProperty online search tools which indicated that no records were found for the Subject Property. If additional information is received after the report date, the responses will be reviewed and, if relevant, will be provided via an addendum to this Report. Copies of the inquiry letters and responses are included in Appendix E.

6.3 Interviews with Others

No other interviews were conducted as part of this Phase I ESA.

7.0 RECORDS REVIEW

7.1 Environmental Records Sources

FPA obtained and reviewed a government records search of the Subject Property and the area within a one-mile radius of the Subject Property from EDR of Shelton, Connecticut. The Subject Property address was identified in one of the databases searched in the EDR report (see Section 7.1.1). The EDR database search generated information regarding surrounding properties which

are currently, or have previously been, regulated, tracked, or investigated under specific federal or state environmental programs. A summary of the EDR Radius Map Report is provided in Appendix B. The full report is included on a compact disc. The following subsections summarize the pertinent findings of the EDR Radius Map Report.

7.1.1 Subject Property

The Subject Property was identified in one of the databases searched by EDR, the New York Spills (NY Spills) List.

7.1.2 Surrounding Sites

The EDR report lists 37 sites in the Federal and State government databases within the ASTM search distances from the Subject Property, with many of these sites reported in one or more databases. A review of the EDR Radius Map Report indicated the following:

- Within a zero (0) to one-eighth (0.125)-mile radius of the Subject Property, 15 database listings were identified.
- Within a one-eighth (0.125) to one-quarter (0.25)-mile radius of the Subject Property, 8 database listings were identified.
- Within a one-quarter (0.25) to one-half (0.5)-mile radius of the Subject Property, 14 database listings were identified.
- Within a one-half (0.5) to one (1)-mile radius of the Subject Property, no database listings were identified.

The ASTM Standard E1527-13 sets forth the following "*approximate minimum search distances"* which may be reduced, pursuant to the Standard, "for any of these *standard environmental record sources* except the Federal National Priorities List (NPL) site list and Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) sites list".

Agency Lists	Minimum Search Radius Distance miles (kilometers)
Federal Lists	

Agency Lists	Minimum Search Radius Distance miles (kilometers)
Federal NPL site list	1.0 (1.6)
Federal Delisted NPL site list	0.5 (0.8)
Federal CERCLIS list	0.5 (0.8)
Federal CERCLIS NFRAP site list	0.5 (0.8)
Federal RCRA CORRACTS facilities list	1.0 (1.6)
Federal RCRA non-CORRACTS TSD facilities list	0.5 (0.8)
Federal RCRA generators list	Target property and adjoining properties
Federal institutional control/engineering control registries	Target property only
Federal ERNS list	Target property only
State and tribal lists of hazardous waste sites identified for investigation or remediation:	
State- and tribal-equivalent NPL	1.0 (1.6)
State- and tribal-equivalent CERCLIS	0.5 (0.8)
State and tribal landfill and/or solid waste disposal site lists	0.5 (0.8)
State and tribal leaking storage tank lists	0.5 (0.8)
State and tribal registered storage tank lists	Target property and adjoining properties
State and tribal institutional control/engineering control registries	Target property only
State and tribal voluntary cleanup sites (where available)	0.5 (0.8)
State and tribal brownfield sites (where available)	0.5 (0.8)

FPA reviewed the EDR Radius Map Report for adjoining and/or topographically up-gradient properties where there may be the potential for migration of hazardous substances or petroleum products as a solid or liquid at the surface or vapor in the subsurface that could adversely impact the Subject Property.

The ASTM minimum search distance is one mile for the Federal National Priorities List (NPL) and Federal RCRA Treatment, Storage and Disposal (TSD) lists. There are no Federal NPL sites or Federal RCRA CORRACTS (Corrective Action Report) TSD facilities within a 1.0-mile radius of the Subject Property.

The EDR Report lists 37 sites in the remaining Federal and State government databases within the ASTM search distances from the Subject Property as indicated above. Twenty-six of these

sites were identified in the State Leaking Storage Tank (LTANKS) List. At least 21 of these appear to be residential heating oil tank discharges. All 26 LTANKS cases have been closed and will likely not represent sources of adverse environmental impact to the Subject Property.

Two of the EDR Report sites were identified in the Registered UST List. Both sites are at lower topographic elevations and will likely not represent sources of adverse environmental impact to the Subject Property. These two sites are discussed in more detail in the table below.

The Subject Property and eight off-site properties within a 0.125-mile radius were identified in the EDR Report NY Spills List, and one off-site property was identified in the Spills 90 list. Six of the NY Spills List sites and the one Spills 90 List site are at lower topographic elevations. Additionally, all seven of these off-site spill cases are closed. These seven spill cases will likely not represent sources of adverse environmental impact to the Subject Property. The two NY Spills cases identified at higher topographic elevations to the Subject Property are discussed in more detail in the table below.

Site	EDR Map No.	Database Listing	Comments
Apartment Building 119 Oregon Road Cortlandt Manor, NY (Subject Property)	1	NY Spills	This database listing is for a spill from a 1,000-gallon No. 2 fuel oil UST system reported on 7/8/15. Facility Identification and Spill Number 1503794. The New York State Department of Environmental Conservation (NYSDEC) database memo indicated "7/8/15 – The tank has been removed. Awaiting on insurance coverage to continue clean up. No groundwater encountered at this time. 07/27/15 – Castlton Environmental reported that they excavated and removed the tank and that no contaminated soil was present in the excavation. Post excavation soil sample results were below DEC soil guidance values. NFA." 9/8/15 – NYSDEC closed the case. This UST removal activity represents a HREC for the Subject Property.

Site	EDR Map No.	Database Listing	Comments
Cortlandt Healthcare 110 Oregon Road Cortlandt, NY 0.062 miles northwest	C12	Registered UST	This facility has one in-service 10,000-gallon No. 2 Fuel Oil UST (Facility ID No. 3-600318). Three USTs were previously closed by removal. The UST has yearly tightness testing. No failure of annual tightness testing was indicated. This site is at a lower topographic elevation relative to the Subject Property. This site does not represent a potential source of adverse impact to the Subject Property based upon the database information reviewed.
Highrange Fuels, Inc. 96 Oregon Road Cortlandt, NY 0.113 miles west	E15	Registered UST	This facility has two in-service 10,000-gallon gasoline USTs (Facility ID No. 3-800192). Three USTs were previously closed by removal. The USTs are constructed of double-walled fiberglass reinforced plastic with electronic interstitial monitoring and high-level alarm overfill protection. This site is at a lower topographic elevation relative to the Subject Property. This site does not represent a potential source of adverse impact to the Subject Property based upon the database information reviewed.
Town of Cortlandt Cortlandt Town Hall 1 Heady Street Cortlandt, NY 0.031 miles southwest	3	NY Spills	Facility ID No. 352889. Site ID No. 403670. Spill No. 0806388 dated 9/7/2008. Case closure date 10/7/2009. Database listing indicated fuel oil in sump pit in the town hall from an unknown source. Some did get into drain which was lost because of storm last night. Cortlandt town hall will investigate. NYSDEC database memo indicated "Unsure where oil came from, this site uses gas, maybe an old tank or offsite problem. Westchester County Department of Health (WCDOH) instructed Town to do some further investigation. WCDOH will do follow up." The discharge quantity is listed as 1.0 gallon of No. 2. fuel oil. This site does not represent a potential source of adverse impact to the Subject Property based upon the database information.
290 Locust Avenue Peekskill, NY 0.109 miles northeast	14	NY Spills	Facility ID No. 157070. Site ID No. 187969. Spill No. 9101182 dated 4/29/1991. Case closure date 6/11/1991. Database listing indicated sump pit in basement has petroleum sheen on water. Pads in sump, spill being contained. Laurie Taylor to investigate. The discharge quantity is listed as 0.0 gallon of No. 2. fuel oil. This site does not represent a potential source of adverse impact to the Subject Property based upon the database information.

7.2 Historical Use Information on Subject Property and Surrounding Areas

7.2.1 Aerial Photograph Review

FPA obtained historical aerial photographs of the Subject Property from EDR to review the history of property use and development. The review was conducted using current and historical color, black and white, and infrared aerial photographs of the Subject Property and the surrounding area with a scale of 1" = 500', at a frequency which provided FPA with a historical perspective of Subject Property activities.

FPA received and reviewed historical aerial photographs from EDR for the following years: 1946, 1954, 1958, 1960, 1974, 1984, 1989, 1994, 2006, 2009, 2013, and 2017. The aerial photographs received from EDR are provided in Appendix B.

A description of each aerial photograph reviewed, including the year and scale of the photo is listed below:

1946 (scale: 1" = 500') – The Subject Property is located in a relatively undeveloped area with one small structure in the southern portion of the Site and driveway traversing the Site from that west side to the center; however, the photograph quality is too poor to identify specific details. The adjacent property to the west is developed with several structures. The adjacent properties to the north, east, and south, and surrounding areas are undeveloped.

1954 (scale: 1" = 500') – The Subject Property has been developed with a large building in the southern portion of the Site extending from approximately 150' from the west side property line to the edge of the eastern property line. There are several smaller structures in the southern portion of the Site and a round structure/feature on the north side of the large building. A residential development is now present to the south. The general surrounding vicinity is more residentially developed. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

1958 (scale: 1" = 500') – The Subject Property and surrounding area are shown similar to the 1954

aerial photograph. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

1960 (scale: 1" = 500') – The Subject Property and surrounding area are shown similar to the 1958 aerial photograph; however additional residential development has occurred in the vicinity. There also appears to be fewer trees/less tree canopy on the Subject Property. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

1974 (scale: 1" = 500') – The Subject Property and surrounding area are shown similar to the 1960 aerial photograph; however, the smaller structures in the southern portion of the site are no longer present. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

1984 (scale: 1" = 500') – The Subject Property is shown similar to the 1974 aerial photograph and the surrounding area is shown more developed. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

1989 (scale: 1" = 500') – The Subject Property and surrounding area are shown similar to the 1984 aerial photograph. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

1994 (scale: 1" = 500') – The Subject Property and surrounding area are shown similar to the 1989 aerial photograph with some more development to the west. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

2006 (scale: 1" = 500') – The Subject Property and surrounding area are shown similar to the 1994 aerial photograph. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

2009 -2017 (scale: 1" = 500') – The Subject Property is shown in present day configuration. The Subject Property and surrounding area are shown similar to the 2006 aerial photograph. No development or disturbances are discernible within the surrounding areas which could potentially contribute to the environmental condition of the Subject Property.

7.2.2 Historic Topographic Maps

FPA obtained historic topographic maps from EDR for the Subject Property to review information regarding historical property development. Topographic maps often contain information regarding changes in elevation and development. FPA received a Report from EDR indicating map coverage in the vicinity of the Subject Property for the years 1892, 1894, 1899, 1901, 1936, 1941, 1946, 1947, 1950, 1956/1957, 1981, and 2013. The topographic maps received from EDR are provided in Appendix B.

A description of each topographic map reviewed is listed below:

1892, 1894, 1899, & 1901 (scale: 1" = 2000') – The topographic maps show the Subject Property as undeveloped land in the municipality of Cortlandville.

1936, 1941, 1946, & 1947 (scale: 1" = 2000') – The topographic maps show the Subject Property as developed with one structure in the municipality of Van Cortlandtville. A road is depicted in the northwest corner of the Site in the 1947 topographic map.

1950 (scale: 1" = 2000') – The topographic map shows the Subject Property as developed with two structures in the municipality of Van Cortlandtville. A second road is depicted extending in a north-south orientation in the eastern portion of the Site.

1956/1957 (scale: 1" = 2000') – The topographic map shows the Subject Property similar to the 1950 topographic map in the municipality of Van Cortlandtville.

1981 (scale: 1" = 2000') – The topographic map shows the Subject Property similar to the 1956/1957 topographic map in the municipality of Van Cortlandtville.

2013 (scale: 1" = 2000') – The topographic map shows the Subject Property similar to the 1981 topographic map in the municipality of Van Cortlandtville, however; no structures at all are depicted on this topographic. A circular driveway enters the Subject Property from Oregon Road on the north side.

No topographic changes or evidence of filling are visible in any of the topographic maps.

7.2.3 Sanborn® Fire Insurance Map Review

FPA ordered Sanborn® Fire Insurance Maps from EDR for the Subject Property In order to obtain information regarding historical property ownership, operations, and potential RECs. Sanborn® Maps often contain information regarding building construction and site features such as production wells, underground or aboveground storage tanks, production areas, or storage areas which can assist in the identification of RECs. The Sanborn® Maps report indicated that the Subject Property has coverage only for the year 1942. The EDR Report is provided in Appendix B.

A description of the Sanborn® map reviewed is listed below:

1942 (scale: 1" = 150') – The Subject Property is identified as a Park named Waterbury Manor, with a centrally located loop roadway identified as "The Oval" with feeder roads entering and exiting the Subject Property to the north, southeast, and southwest. One L-shaped structure with no type of markings is depicted within The Oval.

7.2.4 City Directory Report Review

FPA obtained and reviewed the City Directory Report from EDR (Appendix B) to identify historic uses at the Subject Property. The City Directory Report typically contains address listings in five-year intervals. This Report provided information for 11 individual years between 1972 and 2017: 1972, 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014 and 2017. The Subject Property address was identified in four of the years: 2017, 2014, 2010, and 1995. The entries for 119 Oregon Road were:

2017 Colonial Terrace

2014 Colonial Terrace Banq FAC

2010 Colonial Terrace Caterers

1995 Colonial Terrace Caterers

2005, 2000, 1992, 1987, 1982, 1977, 1972 No listing for 119 Oregon Road

8.0 FINDINGS

Findings, as described in ASTM E1527-13 Section 12.5, identify known or suspect RECs, HRECs, CRECs, and de minimis conditions. FPA presents the following findings based upon the results of this Phase I ESA.

8.1 Findings Regarding Environmental Conditions

- **Finding-1: 500-gallon No. 2 Heating Oil UST**

  One 500-gallon No. 2 heating oil UST is located under the ballroom and lounge on the south side of the main building. The lounge and ballroom were added to the south side of the original section in approximately 1963 and the UST predates the addition. No evidence of discharges was noted on the wall or ground surface beneath the remote fill and vent pipes.

- **Finding-2: 1,000-gallon No. 2 Heating Oil UST**

  One 1,000-gallon No. 2 heating oil UST is located under the ballroom and lounge on the north side of the main building. The lounge and ballroom were added to the

north side of the original section in approximately 1966 and the UST predates the addition. No evidence of discharges was noted on the wall or ground surface beneath the remote fill and vent pipes for this UST.

- **Finding-3: On-site Subsurface Septic System**

  Sanitary sewage is directed to an on-site subsurface septic system consisting of a 2,000-gallon septic tank, distribution box, and leach field. The septic tank is pumped-out at least two times per year according to Mr. Drogy. No overt evidence of leach field failure was noted but the grass lawn appeared greener above the leach field than the surrounding lawn areas, implying some degree of nutrient loading.

- **Finding-4: Cooling Equipment Compressors**

  There is a one-story wood/concrete framed building (~840 sf) located approximately 60' south of the main building that is used for storage and contains two cooling equipment compressors that generate cold air for a free-standing box freezer that is located approximately 10' north of this storage building. No evidence of discharges was noted beneath these compressors. Two refrigerator compressor stations are located adjacent to the rear of the main building. No evidence of discharges was noted beneath these compressors.

- **Finding-5: Pole-mounted Transformer**

  One pole-mounted transformer is located to the north of the main building, adjacent to the entrance driveway and the handicapped parking stalls. The transformer is in good condition with no evidence of corrosion, leaks, or discharges. The transformer did not have signage or placards indicating it is non-PCB containing.

- **Finding-6: Propane Above Ground Storage Tanks**

  Two 1,000-gallon above ground propane tanks are located in a wooded area approximately 50' to the south of the main building and supply the building with propane via an underground pipe. Three 100-gallon above ground propane tanks are located approximately 25' to the south of the main building. These tanks are manifolded together and supply the building with propane via an above ground pipe. Four above ground propane tanks are located adjacent to the one-story wood-frame

building that was used for food preparation associated with the outdoor banquet area. It is unknown if these tanks contain propane, but none of the four are chained or secured.

- **Finding-7: Metal Pipe Exiting One-story Wood-frame Building**

  One metal pipe exits the rear (east side) of the one-story wood-frame building that was used for food preparation associated with the outdoor banquet area. The pipe exits this structure approximately two inches above the ground surface and ends as an open pipe approximately four feet from the building. This pipe was a drain for a sink in this building according to Mr. Drogy. FPA observed no staining or stressed vegetation near the discharge end of the pipe.

- **Finding-8: Random Dumping**

  FPA noted evidence of random dumping adjacent to the rear access drive at the southeast section of the Subject Property. The dumped materials appeared to be primarily tree sections and vegetative waste however, some amounts of demolition debris were noted protruding from the vegetative waste.

- **Finding-9: Storm Water Collection System**

  One trench drain traverses the rear entrance driveway in this vicinity to intercept stormwater sheet flow before reaching the rear of the main building. There are two additional storm water catch basins in the rear entrance driveway. No physical evidence of adverse impacts was noted in the trench drain or catch basins.

- **Finding-10: Recycling Dumpsters**

  Three dumpsters for recycling are located along the rear entrance driveway adjacent to the east side of the one-story wood/concrete framed storage building located south of the main building. One of the dumpsters is labeled glass/plastic and the other two dumpsters are labeled paper. No evidence of discharges was noted from these three dumpsters.

- **Finding-11: Underground Storage Tanks Identified on ALTA Survey**

  There is an outdoor reception area to the west of the main building that includes a slate patio, raised wooden platform, and fountain. The ALTA Survey indicates there

are USTs located approximately 15' north of the slate patio. No surface evidence of the USTs was noted during the Site reconnaissance. There is no regulatory record of these USTs. Mr. Drogy indicated Mr. Drogy indicated he has no knowledge of these USTs and he stated, "After a thorough check of our records, we have no indication of these two tanks". He also indicated there were bungalows in this location prior to 1965 which suggests the utility mark out could have identified subsurface features associated with the former structures. Mr. Drogy subsequently contacted FPA to indicate that he consulted with members of his wife's family. These tanks were part of the pool filtering and chlorination system. Water was pumped through these tanks, chlorinated, filtered, and pumped back into the pool. The ALTA survey indication that these tanks were USTs is incorrect. These tanks were not USTs.

- **Finding-12: Basement Chemical Storage Areas**

  Several five-gallon plastic containers of Cryo-Tek anti-freeze and inhibitor are stored in the basement. The containers generally appeared in sound condition with no evidence of discharges. This product contains propylene glycol and corrosion inhibitor for use in closed loop hydronic heating and cooling systems. This product is not classified as hazardous according to the OSHA MSDS. Various plastic containers of liquid cleaners are present in the basement and are connected to dispensers on the first floor via clear Tygon® tubing. These liquids include Ecolab sanitizing agent, Ecolab heavy duty bathroom cleaner and disinfectant, and Ecolab Oasis 255SF industrial strength concentrated glass cleaner. One 10-gallon plastic container of Roto-Rooter Drain and Grease Trap Treatment is connected to the first floor via clear Tygon® tubing. This product uses a bio-enzymatic formulation to break down grease as part of drainpipe maintenance. No evidence of discharges was noted in these container storage areas.

- **Finding-13: Basement Paints Storage Area**

  Multiple pint, quart, and gallon cans, containers of paints, vanishes, mineral spirits, aerosol cans of paint, tubes of caulk, and plastic containers of spackle are stored on

wooden shelves in the basement. The area is clean and well maintained and no evidence discharges was noted.

- **Finding-14: Second Floor Cleaning Supplies Storage Room**

  A second-floor room is used for storage of various reception event items and household-grade cleaning supplies. No evidence of discharges was noted in this cleaning supplies container storage area.

- **Finding-15: Former 1,000-gallon No. 2 Heating Oil Underground Storage Tank**

  One 1,000-gallon UST was located near the back of the building along the rear access driveway. This 1,000-gallon UST was removed approximately five years ago according to Mr. Drogy and FPA reviewed environmental database records that indicated this UST was removed in July 2015. Mr. Drogy indicated there was no discharge identified when this 1,000-gallon UST was removed. Database records also indicate that Castlton Environmental reportedly excavated and removed the tank and that no contaminated soil was present in the excavation. Post-excavation soil sample results were reportedly below NYSDEC soil guidance values, and NYSDEC closed the case on September 8, 2015.

The locations of the Findings, RECs and HRECs are depicted on Drawing No. 4.

***De Minimis* and Miscellaneous Conditions**

- One *de minimis* condition was encountered within the Subject Property during the completion of this Phase I ESA. Minor staining was noted on the asphalt surface around the steel trash compactor. No additional assessment of this stained area is warranted.

Conditions that present a Business Environmental Risk

During the completion of this Phase I ESA, conditions that present a BER were identified. BERs are not considered RECs, however the user may be concerned about BERs that do not fall within the definition of a REC as stated in Appendix X1.6.3 of the ASTM standard.

- One of the boilers is jacketed with white, fibrous insulation as are the hot water pipes exiting the boiler. The potential exists that this insulation is an ACM. FPA notes that similar insulation is present on hot water pipes at other locations in the basement.
- The kitchen and other rooms have vinyl tile flooring. The floor tiles and associated mastic could potentially be ACM based upon the age of the building. There is black mastic beneath the wood parquet floor in one of the first-floor lounges. The mastic could potentially be ACM based upon the age of the building.
- The kitchen and other rooms have fluorescent light fixtures. These light fixtures could potentially have ballasts that contain PCBs based upon the age of the building.
- Overall, LBP is potentially present based upon the age of the buildings.

9.0 OPINIONS

FPA's opinions regarding the identified Findings are:

- **Finding-1: 500-gallon No. 2 Heating Oil UST**

  Additional assessment of Finding-1 is warranted. This UST is more than 57 years old and represents a potential source of petroleum hydrocarbon discharge to the surrounding soil.

- **Finding-2: 1,000-gallon No. 2 Heating Oil UST**

  Additional assessment of Finding-2 is warranted. This UST is more than 54 years old and represents a potential source of petroleum hydrocarbon discharge to the surrounding soil.

- **Finding-3: On-site Subsurface Septic System**

  No additional assessment of Finding-3 is warranted. The system has only received domestic sanitary sewage and commercial kitchen waste streams. No overt evidence of leach field failure was noted.

- **Finding-4: Cooling Equipment Compressors**

  No additional assessment of Finding-4 is warranted. No evidence of discharges was noted beneath these compressors.

- **Finding-5: Pole-mounted Transformer**

  No additional assessment of Finding-5 is warranted. No evidence of discharges was noted on or beneath this transformer.

- **Finding-6: Propane Above Ground Storage Tanks**

  No additional assessment of Finding-6 is warranted. Propane discharges would occur as fugitive vapor emissions, not resulting in residual soil or groundwater impact. The four above ground propane tanks located adjacent to the one-story wood-frame building represent physical hazards and should be chained to fixed structures or removed from the site in accordance with applicable regulations.

- **Finding-7: Metal Pipe Exiting One-story Wood-frame Building**

  No additional assessment of Finding-7 is warranted. Other portions of the report indicate this was a discharge pipe from a sink in an outdoor food preparation area.

- **Finding-8: Random Dumping**

  Additional assessment of Finding-8 is warranted to determine the nature of the dumped materials to confirm there are no hazardous substances or petroleum products mixed-in with the dumped materials.

- **Finding-9: Storm Water Collection System**

  No additional assessment of Finding-9 is warranted. No physical evidence of adverse impacts was noted in the trench drain or catch basins.

- **Finding-10: Recycling Dumpsters**

  No additional assessment of Finding-10 is warranted. No evidence of discharges was noted from these three dumpsters.

- **Finding-11: Underground Storage Tanks Identified on ALTA Survey**

  No additional assessment of Finding-11 is warranted based on information provided by Mr. Drogy that these tanks were part of the pool filtering and chlorination system. The ALTA survey incorrectly identified this pool equipment as USTs.

- **Finding-12: Basement Chemical Storage Areas**

  No additional assessment of Finding-12 is warranted. No evidence of discharges was noted in these container storage areas.

- **Finding-13: Basement Paints Storage Area**

  No additional assessment of Finding-13 is warranted. The area is clean and well maintained and no evidence discharges was noted.

- **Finding-14: Second Floor Cleaning Supplies Storage Room**

  No additional assessment of Finding-14 is warranted. No evidence of discharges was noted in this cleaning supplies container storage area.

- **Finding-15: Former 1,000-gallon No. 2 Heating Oil Underground Storage Tank**

  Additional assessment of HREC-1 (Finding-15) is warranted based upon the limited UST removal information available for review.

10.0 CONCLUSIONS

FPA has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13, for the Subject Property located at 119 Oregon Road, Block 1, Lot 12, Cortlandt, Westchester County, New York, currently known as The Mansion at Colonial Terrace and identified by NRP as the Proposed 119 Oregon Road Multifamily Development Site. No exceptions to, or deletions from, this practice occurred during the completion of this report. The Site reconnaissance was limited to the Subject Property and adjacent areas which potentially could affect the Subject Property. FPA identified fifteen findings of known or suspected RECs or HRECs at the Subject Property. FPAs environmental professional opinion is that eleven of these findings do not warrant further assessment based upon the information reviewed and observations made during completion of this Phase I ESA. FPAs environmental professional opinion is that three of these findings are RECs and one of these findings is an HREC and they warrant further assessment based upon the information reviewed and observations made during completion of this Phase I ESA.

- **REC-1 (Finding-1): 500-gallon No. 2 Heating Oil UST**

  Additional assessment of REC-1 (Finding-1) is warranted. This UST is more than 57 years old and represents a potential source of petroleum hydrocarbon discharge to the surrounding soil.

- **REC-2 (Finding-2): 1,000-gallon No. 2 Heating Oil UST**

  Additional assessment of REC-2 (Finding-2) is warranted. This UST is more than 54 years old and represents a potential source of petroleum hydrocarbon discharge to the surrounding soil.

- **REC-3 (Finding-8): Random Dumping**

  Additional assessment of REC-4 (Finding-8) is warranted to determine the nature of the dumped materials to confirm there are no hazardous substances or petroleum products mixed-in with the dumped materials.

- **HREC-1 (Finding-15): Former 1,000-gallon No. 2 Heating Oil UST**

  Additional assessment of HREC-1 (Finding-15) is warranted based upon the limited information available for review.

11.0 ADDITIONAL SERVICES/NON-SCOPE CONSIDERATIONS

No additional services or non-scope considerations from ASTM International Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E 1527-13 were requested by the client during the preparation of this Phase I ESA.

12.0 REFERENCES

Reference material used to prepare this Phase I ESA report included, but was not limited to:

1. ASTM International E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
2. Environmental Data Resources, Inc. (EDR) Inquiry Number 06286811 /6286811 database report. All reference sources used by EDR in the preparation of the database report are cited within their report. The EDR report is included, in its entirety, in Appendix B.
3. USGS Topographic Series, Peekskill, New York Quadrangle Map.
4. Town of Cortlandt, New York, Tax Map.
5. Westchester County, New York GIS Website.
6. 1996-02-22 Oregon Road - Boundary Survey provided by Seller.
7. 2018-04-25 - 119 Oregon Road - ALTA Survey prepared by Gallas Surveying Group, 2865 US Route 1, North Brunswick, New Jersey 08902.
8. 2020-09-28 Oregon Rd - Preliminary Constraints Map prepared by Lee and Associates (Lee), 8601 Ranch Road 2222, Building I, Suite 290, Austin, Texas 78730.
9. 2020-09-30 Oregon Rd - Aerial Overlay prepared by Lee.
10. 2020-09-30 Oregon Rd - Conceptual Site Plan prepared by Lee.
11. 2020-12-04 - 119 Oregon Road - Draft Preliminary Boring Logs prepared by Carlin-Simpson & Associates (CSA), 61 Main Street, Sayreville, New Jersey 08872.
12. USEPA Envirofacts and MyProperty online database searches information.
13. NYSDEC Responses to FOIL Public Records Request of 12/3/2020, Reference # W075996-120320.
14. NYSDOH Responses to FOIL Public Records Request of 12/3/2020, #: 20-12-082, LANE_DOH_20201203111414378.
15. Westchester County, New York Response to Foil Public Records Request of 12/3/20.
16. Town of Cortlandt, New York New York Response to Foil Public Records Request of 12/3/20.

13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL – SIGNATURE

This ESA was completed by the following FPA personnel, whose qualifications are provided in Appendix F:

- Neil Jiorle, Senior Project Manager

Neil Jiorle is considered an Environmental Professional as defined by 40 CFR Part 312.10, has undertaken the inquiry as defined in 40 CFR part 312.21 (b). The following is the Environmental Professional certification in accordance with 40 CFR 312 and ASTM E1527-13 Section 12.13:

> *I declare that, to the best of our professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 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 the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR part 312.*

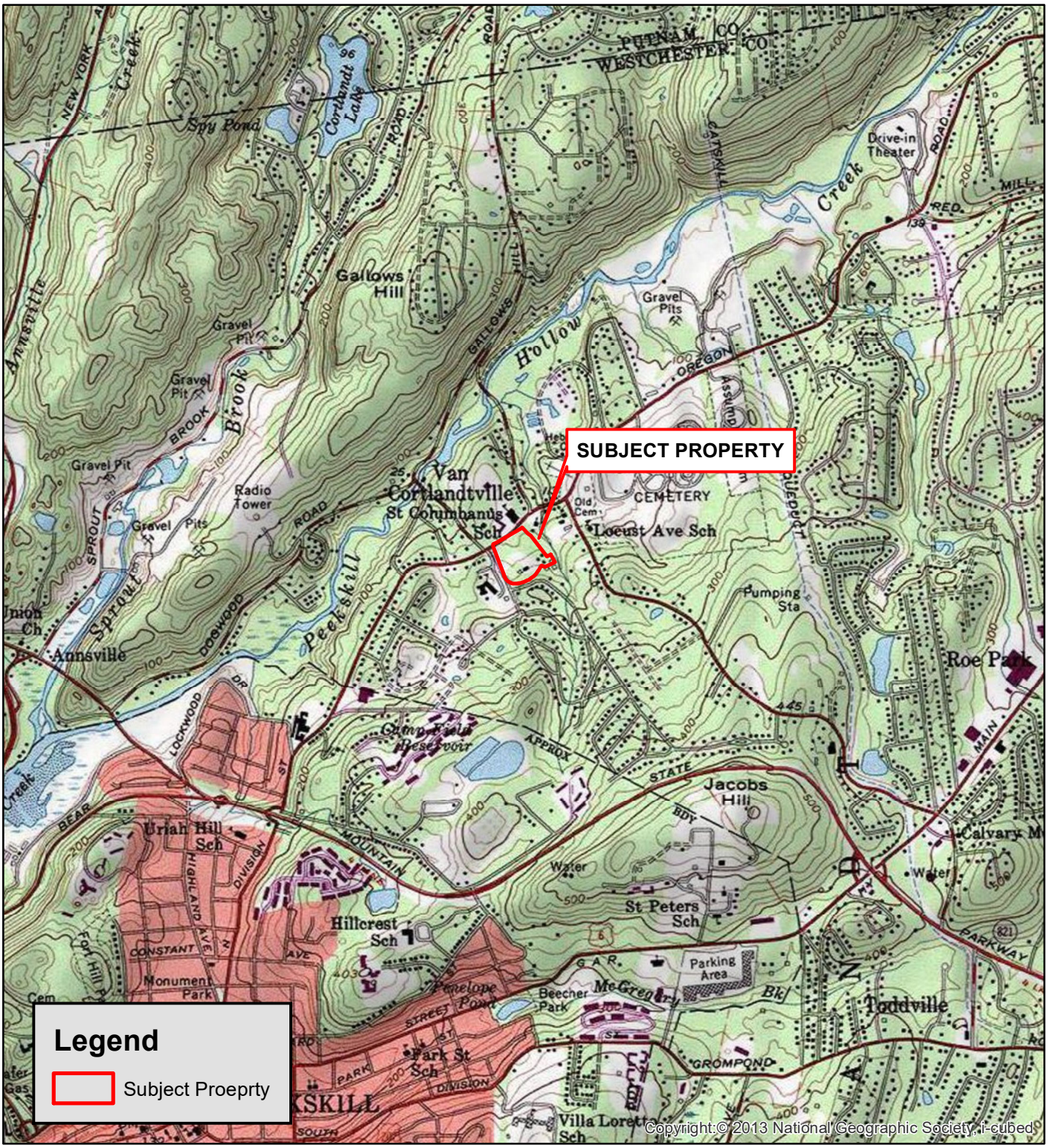
Neil Jiorle
Certifying Environmental Professional

Title Senior Project Manager

Signature 

Date January 14, 2021

DRAWINGS



NOTE: Quadrangle information located at https://gis.ny.gov/gisdata/quads/drg24/ee47.htm.

FRENCH & PARRELLO ASSOCIATES

1800 Route 34, Suite 101 ▪ Wall, NJ ▪ 07719 ▪ 732-312-9800

119 OREGON ROAD MULTIFAMILY DEVELOPMENT

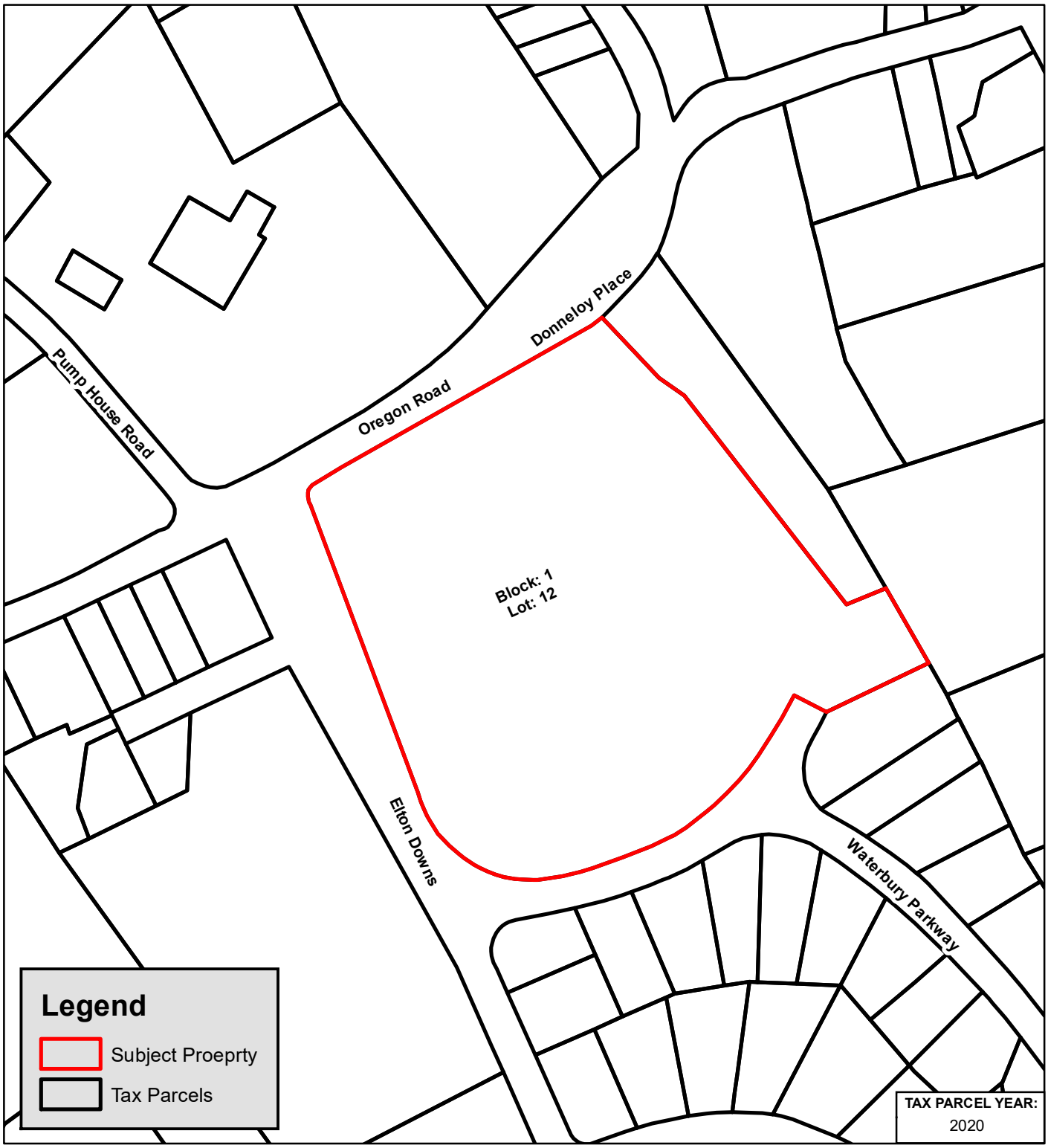
119 OREGON ROAD,TOWN OF CORTLANDT
WEST CHESTER COUNTY, NEW YORK

TOPOGRAPHIC MAP

PEEKSKILL QUADRANGLE

SCALE:	CONTOUR INTERVAL	PHOTO REVISED	DRAWING #
1 " = 2,000 '	10'	1991	1
DATE:	DRAWN BY:	PROJECT NUMBER:	
12/14/2020	N.L.	16875.001	

Document Path: O:\16K\16800\16875 - 119 Oregon Road\CADD\GIS\16875.001 - DWG, No. 1 - Topo Map.mxd
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119 OREGON ROAD MULTIFAMILY DEVELOPMENT

119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW YORK

TAX PARCEL MAP

SCALE:	BLOCK:	LOT:	DRAWING #
1 " = 200 '	1	12	2
DATE:	**DRAWN BY:**	**PROJECT NUMBER:**	
12/08/2020	N.L.	16875.001	

Document Path: O:\16K\16800\16875 - 119 Oregon Road\CADD\GIS\16875.001 - DWG, No. 2 - Tax Parcel Map.mxd
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119 OREGON ROAD MULTIFAMILY DEVELOPMENT

119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW YORK

SITE LAYOUT MAP

SCALE:	BLOCK:	LOT:	DRAWING #
1 " = 200 '	1	12	3
DATE:	**DRAWN BY:**	**PROJECT NUMBER:**	
12/08/2020	N.L.	16875.001	

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Legend

Recognized Environmental Conditions

- REC-1: 500-gallon No. 2 Heating Oil UST
- REC-2: 1000-gallon No. 2 Heating Oil UST
- REC-3: Random Dumping
- HREC-1: Former 1000-gallon No. 2 Heating Oil UST
- Subject Proeprty
- Tax Parcels

0 50
Feet

N

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119 OREGON ROAD

119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW YORK

RECOGNIZED ENVIRONMENTAL CONDITIONS MAP

SCALE:	BLOCK:	LOT:	DRAWING #
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DATE:	DRAWN BY:	PROJECT NUMBER:	
01/07/2021	N.L.	16875.001	

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APPENDIX A

Site Photographs



Front of The Mansion at Colonial Terrace Building Facing South



Pole-mounted Transformer Located to the North of the Main Building

FPA

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	1 and 2



Septic System Cleanout Pipe



Wood-frame Building Associated with the Outdoor Banquet Area

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	3 and 4



Two Propane Tanks on North Side of Wood-frame Building Associated with the Outdoor Banquet Area



Two Propane Tanks on East Side of Wood-frame Building Associated with the Outdoor Banquet Area

FPA	**119 Oregon Road Multifamily Development** Block 1, Lot 12 Town of Cortlandt, Westchester County New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	5 and 6



Corrugated Drainpipe Leading Northeast from Subject Property on Adjacent Property



Steel Trash Compactor on Asphalt Driveway at the Rear of the Main Building

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	7 and 8



Hydraulic Oil Reservoir Tank for the Trash Compactor



Staining on Asphalt Around Trash Compactor

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	9 and 10



One of the One-story Wood-frame Buildings Formerly Used as Housing for Employees



Trench Drain and Three Dumpsters for Recycling Located Along the Rear Entrance Driveway

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	11 and 12



Three 100-gallon Propane Tanks



Two 1,000-gallon Propane Tanks

FPA	**119 Oregon Road Multifamily Development** Block 1, Lot 12 Town of Cortlandt, Westchester County New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	13 and 14



Insulated No. 2 Heating Oil-fired Boiler in Basement



Insulated Piping from Insulated No. 2 Heating Oil-fired Boiler in Basement

FPA

119 Oregon Road Multifamily Development

Block 1, Lot 12

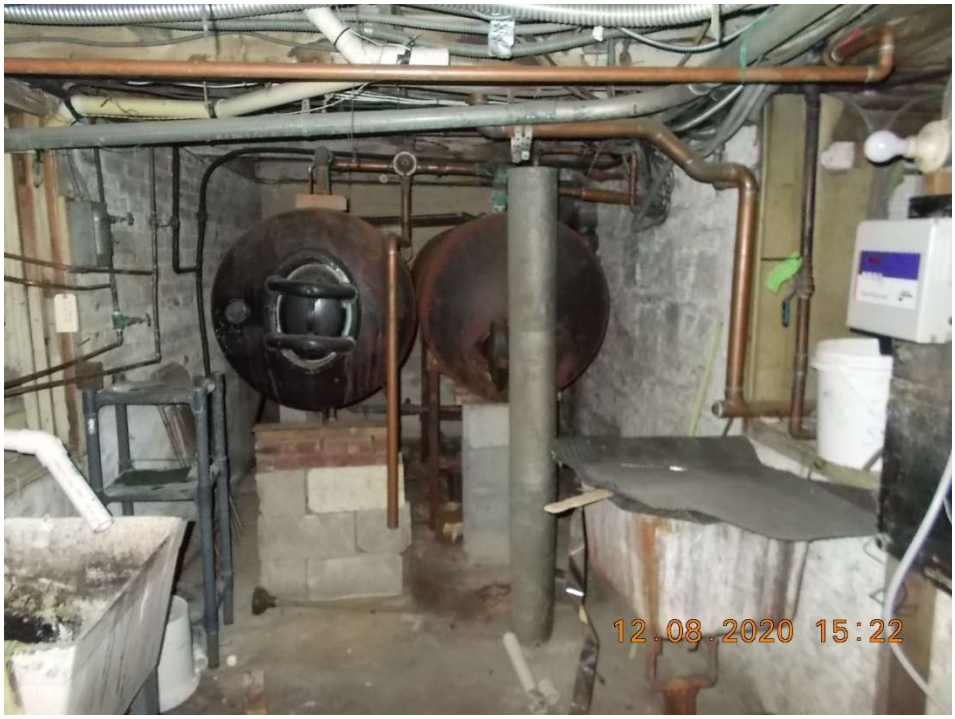
Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	15 and 16



Five-gallon Plastic Containers of Cryo-Tek Anti-freeze and Inhibitor



Hot Water Holding Tanks in Basement

FPA

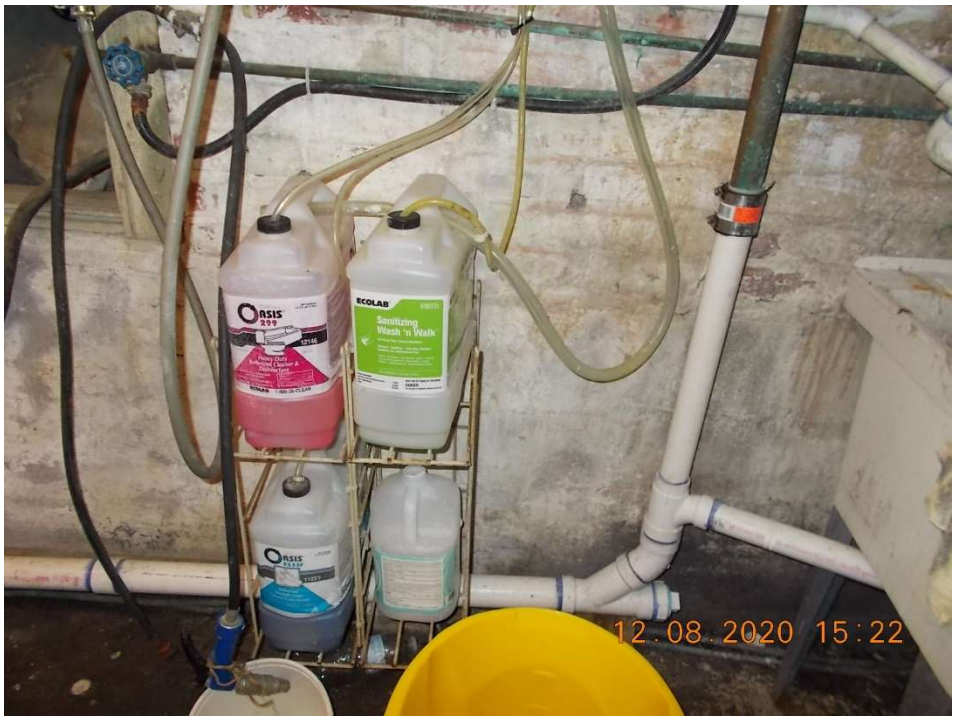
119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	17 and 18



Containers of Liquid Cleaners in Basement Connected to First Floor Kitchen Area



Containers of Paints, Vanishes, Mineral Spirits, Spackle, and Caulk in Basement Storage Area

FPA

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	19 and 20



Containers of Household Cleaners in Second Floor Storage Closet



Second Floor Meeting Room

FPA	**119 Oregon Road Multifamily Development** Block 1, Lot 12 Town of Cortlandt, Westchester County New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	21 and 22



Typical Second Floor Bedroom



First Floor Kitchen

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	23 and 24



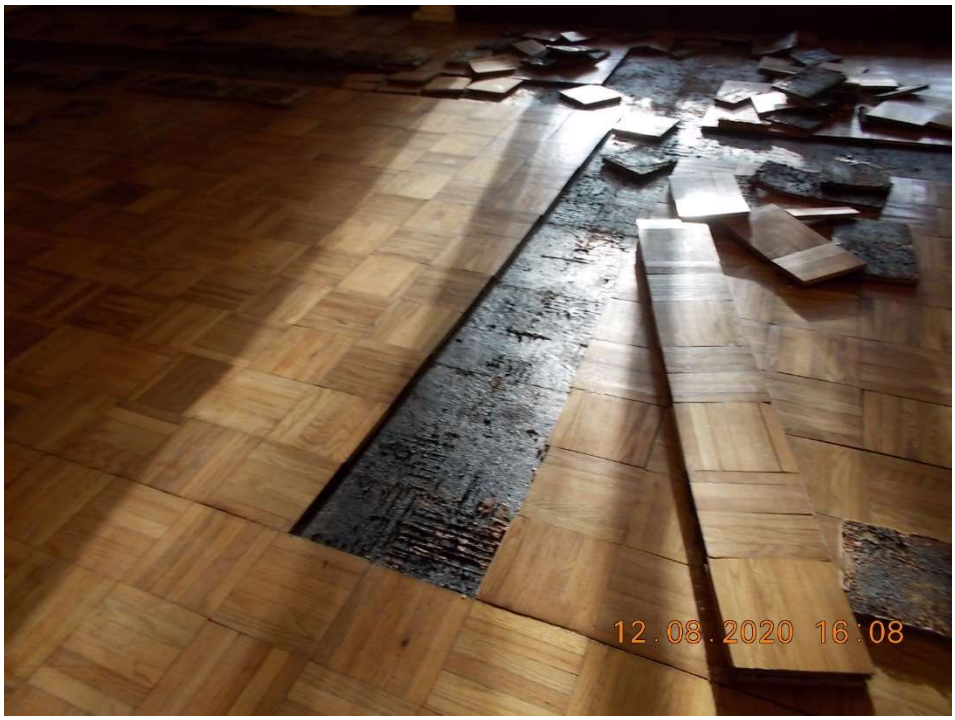
First Floor Boiler



330-gallon No. 2 Heating Oil Above Ground Storage Tank that Supplies First Floor Boiler

FPA	**119 Oregon Road Multifamily Development** Block 1, Lot 12 Town of Cortlandt, Westchester County New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	25 and 26



Black Mastic Beneath Wood Parquet Floor in Lounge



First Floor Ballroom

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	27 and 28



Underground Storage Tank Fill and Vent Pipes Protruding from Wall Beneath the South Ballroom



Underground Storage Tank Fill and Vent Pipes Protruding from Wall Beneath the North Ballroom

FPA

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	29 and 30



Underground Storage Tank Fill and Vent Pipes Entering the Wall Beneath the North Ballroom



Underground Storage Tank Located Beneath the North Ballroom at the Rear of Photograph

FPA	**119 Oregon Road Multifamily Development** Block 1, Lot 12 Town of Cortlandt, Westchester County New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	31 and 32



General Location of Former 1,000-gallon No. 2 Heating Oil Underground Storage Tank



Random Dumping Adjacent to the Rear Access Driveway

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.		16875.001	33 and 34



Two Cooling Equipment Compressors in Storage Building Behind the Main Building



Rear of The Mansion at Colonial Terrace Building Facing Northwest

FPA

119 Oregon Road Multifamily Development

Block 1, Lot 12

Town of Cortlandt, Westchester County

New York

SCALE:	DATE:	JOB No.	PHOTO No.
N.T.S.	December 2020	16875.001	35 and 36

APPENDIX B

Environmental Data Resources (EDR) Report

119 Oregon Road Multifamily Development
119 Oregon Road
Cortlandt Manor, NY 10567

Inquiry Number: 06286811.2r
December 02, 2020

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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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 (E 1527-13), 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

119 OREGON ROAD
CORTLANDT MANOR, NY 10567

COORDINATES

Latitude (North):	41.3113410 - 41° 18' 40.82''
Longitude (West):	73.9034490 - 73° 54' 12.41''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	591789.5
UTM Y (Meters):	4573687.5
Elevation:	140 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5939759 PEEKSKILL, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150610, 20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
119 OREGON ROAD
CORTLANDT MANOR, NY 10567

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	APT BLDG - UST	119 OREGON RD	NY Spills		TP
A2	CORTLAND NURSING HOM	OREGON RD	NY Spills	Lower	121, 0.023, WNW
3	TOWN OF CORTLANDT	1 HEADY STREET	NY Spills, SPDES	Higher	162, 0.031, SW
A4	RESIDENCE - DRIVEWAY	701 PEEKSKILL HOLLOW	NY Spills	Lower	167, 0.032, West
A5	VAULT 9108	65 PUMP HOUSE RD	NY Spills	Lower	180, 0.034, WNW
A6	NOWAK RESIDENCE	109 OREGON RD	LTANKS	Lower	186, 0.035, West
B7	POLE W3	GALOWS HILLS & OREGO	NY Spills	Lower	191, 0.036, NNE
A8	CON EDISON	107 OREGON RD	MANIFEST	Lower	216, 0.041, West
B9	DECKER RESIDENCE	127 ORESON ROAD	NY Spills	Lower	227, 0.043, NNE
B10	ADVENT CHURCH	123 OREGON ROAD	SPILLS 90	Lower	235, 0.045, North
C11	HEALTH CARE HOME: 10	110 OREGON RD	LTANKS	Lower	327, 0.062, NW
C12	CORTLANDT HEALTHCARE	110 OREGON ROAD	UST, AST	Lower	327, 0.062, NW
D13	REAL ESTATE - TTF W/	111 ETON DOWNS RD	LTANKS	Higher	425, 0.080, SSE
14	290 LOCUST AVE	290 LOCUST AVE	NY Spills	Higher	573, 0.109, NE
E15	HIGHRANGE FUELS, INC	96 OREGON ROAD	UST, AST	Lower	596, 0.113, West
E16	CITGO	96 OREGON ROAD	NY Spills	Lower	596, 0.113, West
D17	PRIVATE RESD	116 ETON DOWNS RD	LTANKS	Higher	629, 0.119, SSE
F18	RESIDENCE	6 FOX HILL ROAD	LTANKS	Higher	683, 0.129, South
F19	SPILL NUMBER 0106437	5 FOX HILL DRIVE	LTANKS	Higher	723, 0.137, South
F20	WILLIAM FALEY	18 FOXHILL ROAD	LTANKS	Higher	787, 0.149, South
21	RESIDENTS	20 SMITH ROAD	LTANKS	Lower	793, 0.150, WNW
F22	RESIDENCE	7 FOX HILL RD	LTANKS, NY Spills	Higher	814, 0.154, South
23	BURKO	24 WATERBURY PARKWAY	LTANKS	Higher	919, 0.174, SE
24	SPILL NUMBER 9806679	19 GALLOWS HILL RD	LTANKS	Lower	944, 0.179, North
25	CAMMARARTA HOME	20 GILBERT STREET	LTANKS	Higher	1164, 0.220, SW
26	PRIVATE RES	12 ADAIR RD	LTANKS	Lower	1385, 0.262, North
G27	RESIDENTIAL - TTF	42 PARK DRIVE	LTANKS	Higher	1556, 0.295, SE
G28	NORES	46 WATERBURY PARKWY	LTANKS	Higher	1652, 0.313, SE
H29	RESIDENCE	46 PARK DRIVE	LTANKS	Higher	1681, 0.318, SSE
H30	SCHLACHTER - TTF	49 PARK DRIVE	LTANKS	Higher	1684, 0.319, SSE
31	BRADY	36 FOX HILL RD	LTANKS	Higher	1723, 0.326, SSE
32	GURMIT BATRA	24 STEVENSON AVENUE	LTANKS	Higher	1745, 0.330, WSW
33	SCHIEFELBEIN RESIDEN	25 RANCHO DRIVE	LTANKS	Higher	1877, 0.355, SE
I34	+	4 ABRAHAM DUNN MEMOR	LTANKS	Lower	2104, 0.398, North
I35	BILL LAWLESS	2 ABRAHAM GUNN MEMOR	LTANKS, NY Spills	Lower	2110, 0.400, North
I36	ORTESE HOME	3 ABRAHAN GUNN MEMOR	LTANKS	Lower	2122, 0.402, NNE
J37	ADVENT CHURCH	123 OREGON ROAD	LTANKS, NY Spills	Higher	2239, 0.424, WSW
J38	RESI: PIZZURRO	11 OREGON RD	LTANKS	Higher	2297, 0.435, WSW
J39	RESIDENCE	1 CATHERINE STREET	LTANKS	Higher	2299, 0.435, SW

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
APT BLDG - UST 119 OREGON RD CORTLANDT MANOR, NY	NY Spills Spill Number/Closed Date: 1503794 / 2015-09-08 Site ID: 510112 Spill Date: 2015-07-08	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

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

RCRA-SQG - RCRA - Small Quantity Generators
RCRA-VSQG - RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS - Land Use Control Information System
US ENG CONTROLS - Engineering Controls Sites List
US INST CONTROLS - Institutional Controls Sites List

Federal ERNS list

ERNS - Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS - Inactive Hazardous Waste Disposal Sites in New York State

State and tribal landfill and/or solid waste disposal site lists

SWF/LF - Facility Register

State and tribal leaking storage tank lists

INDIAN LUST - Leaking Underground Storage Tanks on Indian Land
HIST LTANKS - Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST - Underground Storage Tank Listing
CBS UST - Chemical Bulk Storage Database
MOSF UST - Major Oil Storage Facilities Database
CBS - Chemical Bulk Storage Site Listing
MOSF - Major Oil Storage Facility Site Listing
CBS AST - Chemical Bulk Storage Database
MOSF AST - Major Oil Storage Facilities Database
INDIAN UST - Underground Storage Tanks on Indian Land
TANKS - Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

RES DECL - Restrictive Declarations Listing
ENG CONTROLS - Registry of Engineering Controls
INST CONTROL - Registry of Institutional Controls

State and tribal voluntary cleanup sites

VCP - Voluntary Cleanup Agreements
INDIAN VCP - Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS - Brownfields Site List
ERP - Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS - A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---- Registered Recycling Facility List
SWTIRE ---- Registered Waste Tire Storage & 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
DEL SHWS ---- Delisted Registry Sites
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

HIST UST ---- Historical Petroleum Bulk Storage Database
HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

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
SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ---- RCRA - Non Generators / No Longer Regulated
FUDS ---- Formerly Used Defense Sites
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
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information 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

EXECUTIVE SUMMARY

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
CONSENT ---- Superfund (CERCLA) Consent Decrees
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
FINDS ---- Facility Index System/Facility Registry System
UXO ---- Unexploded Ordnance Sites
ECHO ---- Enforcement & Compliance History Information
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
AIRS ---- Air Emissions Data
COAL ASH ---- Coal Ash Disposal Site Listing
DRYCLEANERS ---- Registered Drycleaners
E DESIGNATION ---- E DESIGNATION SITE LISTING
Financial Assurance ---- Financial Assurance Information Listing
HSWDS ---- Hazardous Substance Waste Disposal Site Inventory
SPDES ---- State Pollutant Discharge Elimination System
VAPOR REOPENED ---- Vapor Intrusion Legacy Site List
UIC ---- Underground Injection Control Wells
COOLING TOWERS ---- Registered Cooling Towers
MINES MRDS ---- Mineral Resources Data System
LEAD ---- Lead-based Paint Testing Results

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS ---- Recovered Government Archive State Hazardous Waste Facilities List
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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

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 LTANKS list, as provided by EDR, and dated 08/10/2020 has revealed that there are 26 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REAL ESTATE - TTF W/ Spill Number/Closed Date: 1600827 / 2016-08-03 Site ID: 526116 Spill Date: 2016-04-25	111 ETON DOWNS RD	SSE 0 - 1/8 (0.080 mi.)	D13	24
PRIVATE RESD Spill Number/Closed Date: 1103868 / 2011-09-19 Site ID: 451446 Spill Date: 2011-07-08	116 ETON DOWNS RD	SSE 0 - 1/8 (0.119 mi.)	D17	31
RESIDENCE Spill Number/Closed Date: 1306069 / 2013-12-06 Site ID: 486659 Spill Date: 2013-09-09	6 FOX HILL ROAD	S 1/8 - 1/4 (0.129 mi.)	F18	32
SPILL NUMBER 0106437 Spill Number/Closed Date: 0106437 / 2002-01-14 Site ID: 147286 Spill Date: 2001-09-19	5 FOX HILL DRIVE	S 1/8 - 1/4 (0.137 mi.)	F19	34
WILLIAM FALEY Spill Number/Closed Date: 9213631 / 1993-03-17 Site ID: 153819 Spill Date: 1993-03-08	18 FOXHILL ROAD	S 1/8 - 1/4 (0.149 mi.)	F20	35
RESIDENCE Spill Number/Closed Date: 0006523 / 2004-06-02 Site ID: 176059 Spill Date: 2000-05-01	***7 FOX HILL RD***	***S 1/8 - 1/4 (0.154 mi.)***	***F22***	***37***
BURKO Spill Number/Closed Date: 9103266 / 1991-08-15 Site ID: 280198 Spill Date: 1991-06-18	24 WATERBURY PARKWAY	SE 1/8 - 1/4 (0.174 mi.)	23	39
CAMMARARTA HOME Spill Number/Closed Date: 0608112 / 2007-03-06 Site ID: 372001 Spill Date: 2006-10-16	20 GILBERT STREET	SW 1/8 - 1/4 (0.220 mi.)	25	41
RESIDENTIAL - TTF Spill Number/Closed Date: 1602297 / 2017-03-13 Site ID: 528698 Spill Date: 2016-06-06	42 PARK DRIVE	SE 1/4 - 1/2 (0.295 mi.)	G27	44
NORES	46 WATERBURY PARKWY	SE 1/4 - 1/2 (0.313 mi.)	G28	45

Spill Number/Closed Date: 0101185 / 2005-04-24
Site ID: 276790
Spill Date: 2001-05-01

RESIDENCE — 46 PARK DRIVE — SSE 1/4 - 1/2 (0.318 mi.) — H29 — 47
Spill Number/Closed Date: 0604841 / 2006-11-01
Site ID: 367914
Spill Date: 2006-07-28

SCHLACHTER - TTF — 49 PARK DRIVE — SSE 1/4 - 1/2 (0.319 mi.) — H30 — 48
Spill Number/Closed Date: 1504420 / 2015-10-08
Site ID: 510761
Spill Date: 2015-07-26

BRADY — 36 FOX HILL RD — SSE 1/4 - 1/2 (0.326 mi.) — 31 — 49
Spill Number/Closed Date: 0011804 / 2005-04-17
Site ID: 78130
Spill Date: 2001-02-01

GURMIT BATRA — 24 STEVENSON AVENUE — WSW 1/4 - 1/2 (0.330 mi.) — 32 — 51
Spill Number/Closed Date: 0300583 / 2012-08-13
Site ID: 144595
Spill Date: 2003-04-16

SCHIEFELBEIN RESIDEN — 25 RANCHO DRIVE — SE 1/4 - 1/2 (0.355 mi.) — 33 — 52
Spill Number/Closed Date: 0801295 / 2008-10-02
Site ID: 397196
Spill Date: 2008-04-24

ADVENT CHURCH — 123 OREGON ROAD — WSW 1/4 - 1/2 (0.424 mi.) — J37 — 58
Spill Number/Closed Date: 8706419 / 1988-08-16
Site ID: 244610
Spill Date: 1987-10-28

RESI: PIZZURRO — 11 OREGON RD — WSW 1/4 - 1/2 (0.435 mi.) — J38 — 61
Spill Number/Closed Date: 9815151 / 1999-04-02
Site ID: 271360
Spill Date: 1999-03-22

RESIDENCE — 1 CATHERINE STREET — SW 1/4 - 1/2 (0.435 mi.) — J39 — 62
Spill Number/Closed Date: 0412725 / 2005-04-03
Site ID: 338305
Spill Date: 2005-03-04

Lower Elevation	Address	Direction / Distance	Map ID	Page
NOWAK RESIDENCE Spill Number/Closed Date: 0300666 / 2003-05-08 Site ID: 277240 Spill Date: 2003-04-18	109 OREGON RD	W 0 - 1/8 (0.035 mi.)	A6	14
HEALTH CARE HOME: 10 Spill Number/Closed Date: 1304784 / 2014-04-04 Site ID: 485326 Spill Date: 2013-08-01	110 OREGON RD	NW 0 - 1/8 (0.062 mi.)	C11	18
RESIDENTS Spill Number/Closed Date: 0105295 / 2001-09-20 Site ID: 268356 Spill Date: 2001-08-15	20 SMITH ROAD	WNW 1/8 - 1/4 (0.150 mi.)	21	36
SPILL NUMBER 9806679	19 GALLOWS HILL RD	N 1/8 - 1/4 (0.179 mi.)	24	40

Spill Number/Closed Date: 9806679 / 1998-09-21
Site ID: 293778
Spill Date: 1998-08-31

PRIVATE RES — 12 ADAIR RD — N 1/4 - 1/2 (0.262 mi.) — 26 — 43
Spill Number/Closed Date: 0404008 / 2004-10-28
Site ID: 308964
Spill Date: 2004-07-14

\+ — 4 ABRAHAM DUNN MEMOR — N 1/4 - 1/2 (0.398 mi.) — I34 — 53
Spill Number/Closed Date: 0302716 / 2004-11-27
Site ID: 233840
Spill Date: 2003-06-13

BILL LAWLESS — 2 ABRAHAM GUNN MEMOR — N 1/4 - 1/2 (0.400 mi.) — I35 — 55
Spill Number/Closed Date: 1012633 / 2011-05-17
Site ID: 446813
Spill Date: 2011-03-18

ORTESE HOME — 3 ABRAHAN GUNN MEMOR — NNE 1/4 - 1/2 (0.402 mi.) — I36 — 57
Spill Number/Closed Date: 0713402 / 2008-05-01
Site ID: 395147
Spill Date: 2008-03-19

State and tribal registered storage tank lists

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 UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CORTLANDT HEALTHCARE	***110 OREGON ROAD***	***NW 0 - 1/8 (0.062 mi.)***	***C12***	***19***

Database: WESTCHESTER CO. UST, Date of Government Version: 06/09/2020
Status: 1. In-Service
Status: 3. Closed - Removed
Status: 0. Administratively closed
Id/Status:: 3-600318
Site Status: Active

HIGHRANGE FUELS, INC — 96 OREGON ROAD — W 0 - 1/8 (0.113 mi.) — E15 — 27
Database: WESTCHESTER CO. UST, Date of Government Version: 06/09/2020
Status: 3. Closed - Removed
Status: 1. In-Service
Id/Status:: 3-800192
Site Status: Active

EXECUTIVE SUMMARY

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 AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CORTLANDT HEALTHCARE	***110 OREGON ROAD***	***NW 0 - 1/8 (0.062 mi.)***	***C12***	***19***
Database: WESTCHESTER CO. AST, Date of Government Version: 06/09/2020 Status: 1. In-Service Status: 2. Temporarily out of service Status: 0. Administratively closed PBS Number: 3-600318				
HIGHRANGE FUELS, INC	***96 OREGON ROAD***	***W 0 - 1/8 (0.113 mi.)***	***E15***	***27***
Database: WESTCHESTER CO. AST, Date of Government Version: 06/09/2020 Status: 1. In-Service PBS Number: 3-800192				

ADDITIONAL ENVIRONMENTAL RECORDS

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 08/10/2020 has revealed that there are 8 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWN OF CORTLANDT	***1 HEADY STREET***	***SW 0 - 1/8 (0.031 mi.)***	***3***	***10***
Spill Number/Closed Date: 0806388 / 2009-10-07 Site ID: 403670 Spill Date: 2008-09-06				
290 LOCUST AVE	290 LOCUST AVE	NE 0 - 1/8 (0.109 mi.)	14	26
Spill Number/Closed Date: 9101182 / 1991-06-11 Site ID: 187969 Spill Date: 1991-04-29				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CORTLAND NURSING HOM	OREGON RD	WNW 0 - 1/8 (0.023 mi.)	A2	9
Spill Number/Closed Date: 9705945 / 1997-08-26 Site ID: 201679 Spill Date: 1997-08-15				
RESIDENCE - DRIVEWAY	701 PEEKSKILL HOLLOW	W 0 - 1/8 (0.032 mi.)	A4	12
Spill Number/Closed Date: 9210675 / 1992-12-29 Site ID: 266853 Spill Date: 1992-12-15				
VAULT 9108	65 PUMP HOUSE RD	WNW 0 - 1/8 (0.034 mi.)	A5	13

Spill Number/Closed Date: 1809598 / 2018-12-14
Site ID: 580452
Spill Date: 2018-12-11

POLE W3	GALOWS HILLS & OREGO	NNE 0 - 1/8 (0.036 mi.)	B7	15
Spill Number/Closed Date: 9805461 / 1998-08-01 Site ID: 249886 Spill Date: 1998-08-01				
DECKER RESIDENCE	127 ORESON ROAD	NNE 0 - 1/8 (0.043 mi.)	B9	17
Spill Number/Closed Date: 9311571 / 1995-01-19 Site ID: 257818 Spill Date: 1993-12-28				
CITGO	96 OREGON ROAD	W 0 - 1/8 (0.113 mi.)	E16	30
Spill Number/Closed Date: 1311423 / 2014-03-14 Site ID: 492321 Spill Date: 2014-03-06				

SPILLS 90: 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.

A review of the SPILLS 90 list, as provided by EDR, and dated 12/14/2012 has revealed that there is 1 SPILLS 90 site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ADVENT CHURCH Status: CLOSED Site Id: 1212486	123 OREGON ROAD	N 0 - 1/8 (0.045 mi.)	B10	18

Other Ascertainable Records

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

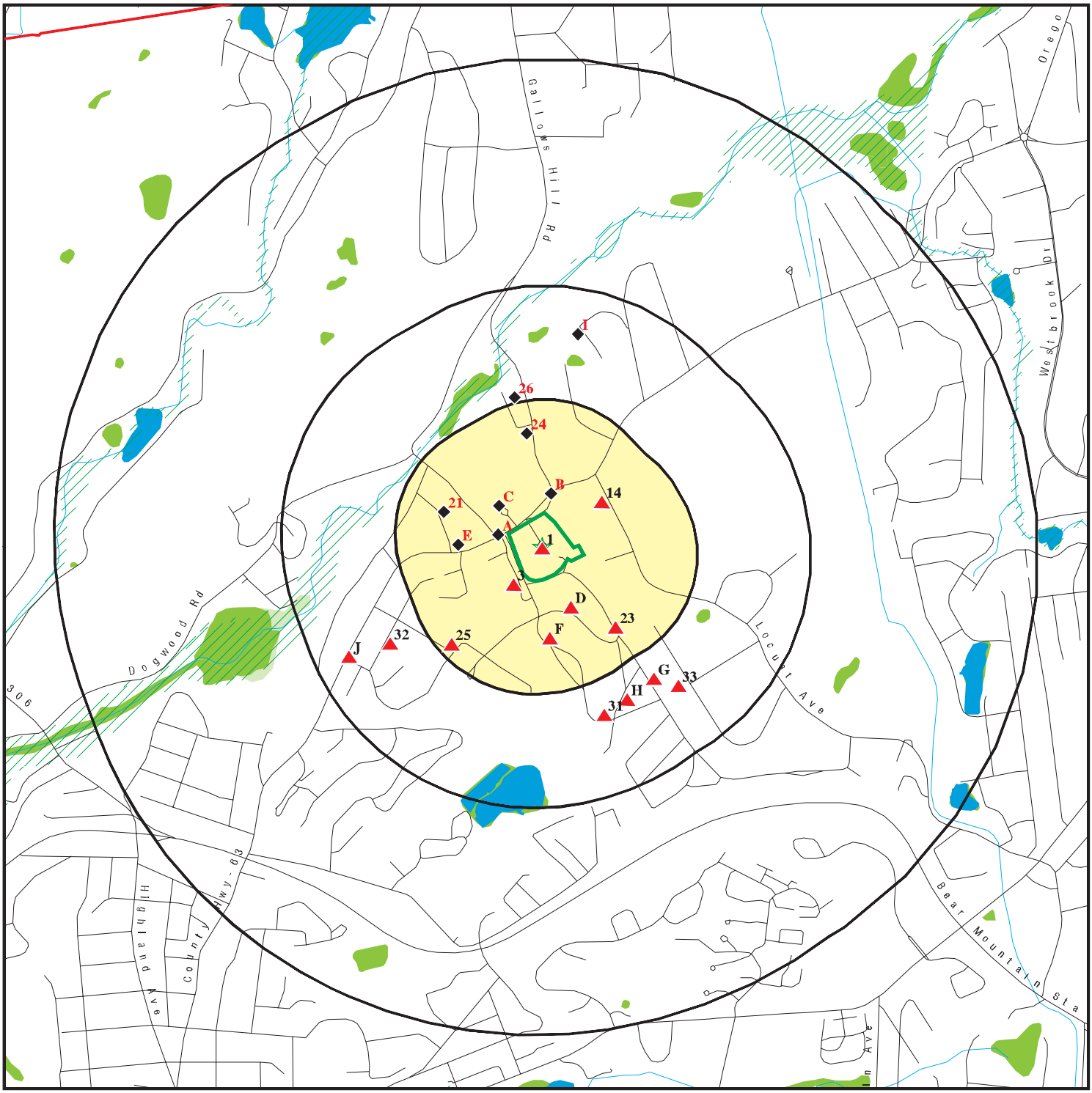
A review of the MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP005072384	107 OREGON RD	W 0 - 1/8 (0.041 mi.)	A8	16

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 06286811.2R



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

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:	119 Oregon Road Multifamily Development	CLIENT:	French & Parrello Assoc., P.A.
ADDRESS:	119 Oregon Road Cortlandt Manor NY 10567	CONTACT:	Neil Jiorle
LAT/LONG:	41.311341 / 73.903449	INQUIRY #:	06286811.2r
		DATE:	December 02, 2020 5:32 pm

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DETAIL MAP - 06286811.2R



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
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

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:	119 Oregon Road Multifamily Development	CLIENT:	French & Parrello Assoc., P.A.
ADDRESS:	119 Oregon Road Cortlandt Manor NY 10567	CONTACT:	Neil Jiorle
LAT/LONG:	41.311341 / 73.903449	INQUIRY #:	06286811.2r
		DATE:	December 02, 2020 5:34 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								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
LTANKS	0.500		4	8	14	NR	NR	26
HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	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
UST	0.250		2	0	NR	NR	NR	2
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
AST	0.250		2	0	NR	NR	NR	2
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
RES DECL	0.125		0	NR	NR	NR	NR	0
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	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
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		0	0	NR	NR	NR	0
HIST AST	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	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
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	1	8	NR	NR	NR	NR	9
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
SPILLS 90	0.125		1	NR	NR	NR	NR	1
SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
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	0	0	NR	0
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	0	0	NR	0
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
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
E DESIGNATION	0.125		0	NR	NR	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
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
MANIFEST	0.250		1	0	NR	NR	NR	1
SPDES	0.001		0	NR	NR	NR	NR	0
VAPOR REOPENED	0.500		0	0	0	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
COOLING TOWERS	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
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								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
- Totals --		1	18	8	14	0	0	41

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **APT BLDG - UST** **NY Spills** **S117975299**
Target **119 OREGON RD** **N/A**
Property **CORTLANDT MANOR, NY**

Actual:
140 ft.

SPILLS:

Name:	APT BLDG - UST
Address:	119 OREGON RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1503794 / 2015-09-08
Facility ID:	1503794
Facility Type:	ER
DER Facility ID:	464704
Site ID:	510112
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6022
Spill Date:	2015-07-08
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2015-07-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
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:	2015-07-08
Spill Record Last Update:	2015-09-08
Spiller Name:	COLONIAL TERRACE
Spiller Company:	Colonial Terrace
Spiller Address:	119 ORAGAN RD
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"7/8/15 - The tank has been removed. Awaiting on insurance coverage to continue clean up. No groundwater encountered at this time. KAB 07/27/15 Castlton Environmental reported that they excavated and removed the tank and that no contaminated soil was present in the excavation. Post excavation soil sample results were below DEC soil guidance values. NFA. TG"
Remarks:	"clean up pending insurance"

All TTF:

Facility ID:	1503794
Spill Number:	1503794
Spill Tank Test:	2497158
Site ID:	510112
Tank Number:	UST
Tank Size:	1000
Material:	0001
EPA UST:	False
UST:	True
Cause:	03
Source:	01
Test Method:	NN
Test Method 2:	Testing Not Required

APT BLDG - UST (Continued) **S117975299**

Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

All Materials:
Site ID: 510112
Operable Unit ID: 1259384
Operable Unit: 01
Material ID: 2262681
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

A2 **CORTLAND NURSING HOME** **NY Spills** **S102664624**
WNW **OREGON RD** **N/A**
< 1/8 **CORTLANDT MANOR, NY**
0.023 mi.
121 ft. **Site 1 of 5 in cluster A**

Relative: **Lower**
Actual: **128 ft.**

SPILLS:
Name: CORTLAND NURSING HOME
Address: OREGON RD
City,State,Zip: CORTLANDT MANOR, NY
Spill Number/Closed Date: 9705945 / 1997-08-26
Facility ID: 9705945
Facility Type: ER
DER Facility ID: 167797
Site ID: 201679
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 6000
Spill Date: 1997-08-15
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1997-08-15
CID: 370
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
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: 1997-08-15
Spill Record Last Update: 1997-08-28
Spiller Name: MR GARSON
Spiller Company: CORTLAND NURSING HOME

CORTLAND NURSING HOME (Continued) **S102664624**

Spiller Address:	OREGON RD
Spiller Company:	001
Contact Name:	MR GARSON
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 08/26/97 SPILL AT FILL PIPE; SOIL REMOVED THAT WAS AFFECTED;"
Remarks:	"SPILL TO GRASS SPILL CONTAINED CLEANUP UNDERWAY"

All Materials:

Site ID:	201679
Operable Unit ID:	1052110
Operable Unit:	01
Material ID:	331552
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

---

3 **TOWN OF CORTLANDT** **NY Spills** **S109207803**
SW **1 HEADY STREET** **SPDES** **N/A**
< 1/8 **CORTLANDT MANOR, NY 10567**
0.031 mi.
162 ft.

Relative:
Higher

Actual:
166 ft.

SPILLS:

Name:	CORTLANDT TOWN HALL
Address:	1 HEADY STREET
City,State,Zip:	CORTLANDT MANOR, NY 10567
Spill Number/Closed Date:	0806388 / 2009-10-07
Facility ID:	0806388
Facility Type:	ER
DER Facility ID:	352889
Site ID:	403670
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C1
SWIS:	6022
Spill Date:	2008-09-06
Investigator:	jkomara
Referred To:	WCDOH
Reported to Dept:	2008-09-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
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:	2008-09-07
Spill Record Last Update:	2009-10-07
Spiller Name:	Not reported

TOWN OF CORTLANDT (Continued) **S109207803**

Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	KATHLEEN BURLESON
DEC Memo:	"Unsure where oil came from, this site uses gas, maybe an old tank or offsite problem, WCDOH has instructed Town to do some further investigation. WCDOH will do follow up. MM"
Remarks:	"Fuel oil in sunk pit in the town hall form an unknown source. Some did get into the storm drain which was lost b/c of storm last night. Cortland town hall will investigate."

All Materials:

Site ID:	403670
Operable Unit ID:	1160357
Operable Unit:	01
Material ID:	2151525
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

SPDES:

Name:	TOWN OF CORTLANDT
Address:	1 HEADY STREET
City,State,Zip:	CORTLANDT MANOR, NY 10567
Permit Number:	NYR20A181
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

TOWN OF CORTLANDT (Continued) **S109207803**

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
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	MS4
Affiliation Type Description:	Not reported
Name:	LINDA D PUGLISI
Contacts Title:	TOWN SUPERVISOR
Contacts Email:	Not reported
NOI Submission Date:	03/06/2003

A4 **RESIDENCE - DRIVEWAY** **NY Spills** **S102105137**
West **701 PEEKSKILL HOLLOW ROAD** **N/A**
< 1/8 **PEEKSKILL, NY**
0.032 mi.
167 ft. **Site 2 of 5 in cluster A**

Relative: **Lower**

Actual: **135 ft.**

SPILLS:

Name:	RESIDENCE - DRIVEWAY
Address:	701 PEEKSKILL HOLLOW ROAD
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9210675 / 1992-12-29
Facility ID:	9210675
Facility Type:	ER
DER Facility ID:	217359
Site ID:	266853
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6012
Spill Date:	1992-12-15
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1992-12-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	1992-12-29
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-12-02
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	NY TEL
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 GHIOSAY "
Remarks:	"TELEPHONE TRUCK TO DRIVEWAY LARGE TRANSMISSION LEAK FLUID RUNNING DOWN DRIVEWAY TELEPHONE CO. WANTS SOMEONE TO CLEAN UP SPOKE WITH MARY ROOT TYREE WAS HIRED TO PERFORM CLEAN UP"

RESIDENCE - DRIVEWAY (Continued) **S102105137**

All Materials:

Site ID:	266853
Operable Unit ID:	974947
Operable Unit:	01
Material ID:	404121
Material Code:	0016A
Material Name:	non PCB oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

A5 **VAULT 9108** **NY Spills** **S123659345**
WNW **65 PUMP HOUSE RD** **N/A**
< 1/8 **CORTLANDT MANOR, NY**
0.034 mi.
180 ft. **Site 3 of 5 in cluster A**

Relative: **Lower**
Actual: **130 ft.**

SPILLS:

Name:	VAULT 9108
Address:	65 PUMP HOUSE RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1809598 / 2018-12-14
Facility ID:	1809598
Facility Type:	ER
DER Facility ID:	533061
Site ID:	580452
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6022
Spill Date:	2018-12-11
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2018-12-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Transformer
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:	2018-12-14
Spill Record Last Update:	2018-12-14
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	INES CRUISE
DEC Memo:	"12/14/18 - Unknown petroleum contained to concrete pad to be schedule for cleanup in the near future. KAB 12/14/18 Excerpt form

VAULT 9108 (Continued) **S123659345**

emis 270079/3, A. Silva (88058) FOD on location to place grounds reported 1 QT of dielectric fluid that leaked from the C-phase pothead on Vault 9178 onto concrete. Contained. Env Tag# 123539, WR# 4357724, COC# HH24630. Sample taken for PCB. Diapers have been wrapped around pothead and placed on floor. Pending repairs and clean-up. NFA. TG"

Remarks: "1 quart leaked from equipment failure, clean up pending"

All Materials:

Site ID:	580452
Operable Unit ID:	1328163
Operable Unit:	01
Material ID:	2337119
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

A6 **NOWAK RESIDENCE** **LTANKS** **S105998724**
West **109 OREGON RD** **N/A**
< 1/8 **CORTLANDT MANOR, NY**
0.035 mi.
186 ft. **Site 4 of 5 in cluster A**

Relative: **Lower**

Actual: **136 ft.**

LTANKS:

Name:	NOWAK RESIDENCE
Address:	109 OREGON RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0300666 / 2003-05-08
Facility ID:	0300666
Site ID:	277240
Spill Date:	2003-04-18
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2003-04-18
CID:	257
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:	2003-04-18
Spill Record Last Update:	2010-12-28
Spiller Name:	MR NOWAK
Spiller Company:	Not reported
Spiller Address:	109 ORIGON RD

NOWAK RESIDENCE (Continued) **S105998724**

Spiller County:	001
Spiller Contact:	MR NOWAK
Spiller Phone:	(914) 737-8849
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	225366
DEC Memo:	"PASSED RETEST."
Remarks:	""

All Materials:

Site ID:	277240
Operable Unit ID:	867020
Operable Unit:	01
Material ID:	508740
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 **POLE W3** **NY Spills** **S103483106**
NNE **GALOWS HILLS & OREGON RD** **N/A**
< 1/8 **CORTLANDT, NY**
0.036 mi.
191 ft. **Site 1 of 3 in cluster B**

Relative: **Lower**

Actual: **104 ft.**

SPILLS:

Name:	POLE W3
Address:	GALOWS HILLS & OREGON RD
City,State,Zip:	CORTLANDT, NY
Spill Number/Closed Date:	9805461 / 1998-08-01
Facility ID:	9805461
Facility Type:	ER
DER Facility ID:	204837
Site ID:	249886
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6000
Spill Date:	1998-08-01
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1998-08-01
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:	1998-08-01

POLE W3 (Continued) **S103483106**

Spill Record Last Update:	1998-08-04
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	Not reported
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"equip failure of overhead transformer caused spill of 1 1/2 pints of non-pcb oil to soil, blacktop/asphault - clean up in progress"

All Materials:

Site ID:	249886
Operable Unit ID:	1063245
Operable Unit:	01
Material ID:	320205
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A8 **CON EDISON** **MANIFEST** **S121968000**
West **107 OREGON RD** **N/A**
< 1/8 **CORTLANDT, NY 10567**
0.041 mi.
216 ft. **Site 5 of 5 in cluster A**

Relative: **Lower**

Actual: **137 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	107 OREGON RD
City,State,Zip:	CORTLANDT, NY 10567
Country:	USA
EPA ID:	NYP005072384
Facility Status:	Not reported
Location Address 1:	107 OREGON RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	CORTLANDT
Location State:	NY
Location Zip:	10567
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP005072384
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA

CON EDISON (Continued) **S121968000**

Mailing Phone: Not reported

B9 **DECKER RESIDENCE** **NY Spills** **S102109120**
NNE **127 ORESON ROAD** **N/A**
< 1/8 **PEEKSKILL, NY**
0.043 mi.
227 ft. **Site 2 of 3 in cluster B**

Relative: **Lower**

Actual: **101 ft.**

SPILLS:

Name:	DECKER RESIDENCE
Address:	127 ORESON ROAD
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9311571 / 1995-01-19
Facility ID:	9311571
Facility Type:	ER
DER Facility ID:	211101
Site ID:	257818
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	6012
Spill Date:	1993-12-28
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1993-12-28
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	1995-01-19
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-01-11
Spill Record Last Update:	1995-01-19
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 GHIOSAY "
Remarks:	"OIL WENT INTO BASEMENT AND CAME OUT DOOR TO OUTSIDE"

All Materials:

Site ID:	257818
Operable Unit ID:	993610
Operable Unit:	01
Material ID:	390603
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	300.00
Units:	G

DECKER RESIDENCE (Continued) **S102109120**

Recovered: .00
Oxygenate: Not reported

B10 **ADVENT CHURCH** **SPILLS 90** **S112395167**
North **123 OREGON ROAD** **N/A**
< 1/8 **PEEKSKILL, NY**
0.045 mi.
235 ft. **Site 3 of 3 in cluster B**

Relative: Spills:
Lower
Actual: Status: CLOSED
104 ft. Contact Name: Not reported
Contact Phone: Not reported
Site ID: 1212486
Secondary ID: 475636
Cross Street: Not reported
County: WESTCHESTER
Longitude: 0
Latitude: 0
Elevation: Not reported

C11 **HEALTH CARE HOME: 10K UST** **LTANKS** **S113820394**
NW **110 OREGON RD** **N/A**
< 1/8 **CORTLANDT MANOR, NY**
0.062 mi.
327 ft. **Site 1 of 2 in cluster C**

Relative: LTANKS:
Lower
Actual: Name: HEALTH CARE HOME: 10K UST
119 ft. Address: 110 OREGON RD
City,State,Zip: CORTLANDT MANOR, NY
Spill Number/Closed Date: 1304784 / 2014-04-04
Facility ID: 1304784
Site ID: 485326
Spill Date: 2013-08-01
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6022
Investigator: RDBENDEL
Referred To: Not reported
Reported to Dept: 2013-08-01
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: 2013-08-01
Spill Record Last Update: 2016-04-06
Spiller Name: MR. PRICE
Spiller Company: HEALTH CARE HOME

HEALTH CARE HOME: 10K UST (Continued) **S113820394**

Spiller Address:	110 OREGON RD
Spiller County:	999
Spiller Contact:	PRICE
Spiller Phone:	(914) 739-9150
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	440473
DEC Memo:	"8-1-13: V.Mc. call to Mr.PRICE: Poss. orig. UST to building, 42 years old. EnviroStar to uncover the tank top, EIR. 9-19-13 requested FIR 10-13 FIR in edocs 10-10-13 email from CSC, Morgan requesting closure 10-11-13 email to WCHD looking for info. RDB 101513 email from WCHD, This TTF case has been assigned to Carlos. Cortlandt Health Care,110 Oregon Rd, Cortlandt The 10 K tank has been tested yearly except for 2010? Conklin has a permit to remove a tank a site. They just took out the permit. It may be for a different tank on the property? RDB "
Remarks:	"10,000 gal ust"

All Materials:

Site ID:	485326
Operable Unit ID:	1234991
Operable Unit:	01
Material ID:	2234117
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

C12 **CORTLANDT HEALTHCARE** **UST U003917866**
NW **110 OREGON ROAD** **AST N/A**
< 1/8 **CORTLANDT MANOR, NY 10567**
0.062 mi.
327 ft. **Site 2 of 2 in cluster C**

Relative: **Lower**
Actual: **119 ft.**

WESTCHESTER CO. UST:

Name:	CORTLANDT HEALTHCARE
Address:	110 OREGON ROAD
City,State,Zip:	CORTLANDT MANOR, NY 10567
Id/Status:	3-600318 / Active
Operator Name:	Jason Lopez
Owner Name:	Cortlandt Healthcare
Owner Street:	110 Oregon Road
Owner Address2:	Not reported
Owner City:	Cortlandt Manor
Owner State:	NY
Owner Zipcode:	10567
GDS Number:	Not reported
Tank Number:	1
Status:	1. In-Service
Capacity:	10000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported

CORTLANDT HEALTHCARE (Continued) **U003917866**

Tank Leak Detection:	yearly tightness test
Date Installation:	06/01/1975
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	2
Status:	0. Administratively closed
Capacity:	550
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	02/01/2003
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	3. Automatic Shut-off
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	3. Gravity

Tank Number:	21
Status:	1. In-Service
Capacity:	1100
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	yearly tightness test
Date Installation:	01/01/1974
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	10. Copper
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	0. None

CORTLANDT HEALTHCARE (Continued) **U003917866**

Spill Prevention:	0. None
Dispenser:	Not reported

Tank Number:	3
Status:	0. Administratively closed
Capacity:	550
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	02/01/2003
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	4
Status:	0. Administratively closed
Capacity:	550
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	02/01/2003
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	3. Gravity

Tank Number:	41
Status:	1. In-Service
Capacity:	550
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	yearly tightness test
Date Installation:	01/01/1974
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection

CORTLANDT HEALTHCARE (Continued) **U003917866**

Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	10. Copper
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	Not reported

Tank Number:	7
Status:	3. Closed - Removed
Capacity:	550
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	0
Tank Leak Detection:	0. None
Date Installation:	01/01/1990
Date Perm Closure:	10/31/2013
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	1. Submersible

WESTCHESTER CO. AST:

Name:	CORTLANDT HEALTHCARE
Address:	110 OREGON ROAD
City,State,Zip:	CORTLANDT MANOR, NY 10567
PBS Number:	3-600318
Site Status:	Active
GDS Number:	Not reported
Operator Name:	Jason Lopez
Owner Name:	Cortlandt Healthcare
Owner Street:	110 Oregon Road
Owner Address2:	Not reported
Owner City/State/Zip:	Cortlandt Manor, NY 10567

Tank Number:	31
Status:	1. In-Service
Date Installation:	01/01/1974
Capacity:	275
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None

CORTLANDT HEALTHCARE (Continued) **U003917866**

Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	visual inspection
Tank Secondary Containment:	10. Impervious Underlayment (AST Only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	visual inspection
Piping Secondary Containment:	2. Vault (w/ access)
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	0. None
Dispenser:	Not reported

Tank Number:	5
Status:	1. In-Service
Date Installation:	10/01/1975
Capacity:	50
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	visual inspection
Tank Secondary Containment:	10. Impervious Underlayment (AST Only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Piping Leak Detection:	visual inspection
Piping Secondary Containment:	2. Vault (w/ access)
Overfill Prevention:	3. Automatic Shut-off
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	6
Status:	0. Administratively closed
Date Installation:	02/01/2003
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	3. Aboveground/underground combination
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	3. Gravity

CORTLANDT HEALTHCARE (Continued) **U003917866**

Tank Number:	71
Status:	2. Temporarily out of service
Date Installation:	01/01/1974
Capacity:	275
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	visual inspection
Tank Secondary Containment:	10. Impervious Underlayment (AST Only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	visual inspection
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	Not reported

Tank Number:	8
Status:	1. In-Service
Date Installation:	11/01/2013
Capacity:	330
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	visual inspection
Tank Secondary Containment:	10. Impervious Underlayment (AST Only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	5. Jacketed
Piping Leak Detection:	visual inspection
Piping Secondary Containment:	0. None
Overfill Prevention:	3. Automatic Shut-off,4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

D13 **REAL ESTATE - TTF W/ CONTAM** **LTANKS** **S118638784**
SSE **111 ETON DOWNS RD** **N/A**
< 1/8 **CORTLANDT MANOR, NY**
0.080 mi.
425 ft. **Site 1 of 2 in cluster D**

Relative: **Higher**
Actual: **196 ft.**

LTANKS:

Name:	REAL ESTATE - TTF W/ CONTAM
Address:	111 ETON DOWNS RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1600827 / 2016-08-03
Facility ID:	1600827
Site ID:	526116

REAL ESTATE - TTF W/ CONTAM (Continued) **S118638784**

Spill Date:	2016-04-25
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2016-04-25
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:	2016-04-25
Spill Record Last Update:	2016-08-03
Spiller Name:	NANCY KENNEDY - REAL ESTATE
Spiller Company:	Kennedy (Realtor)
Spiller Address:	111 ETON DOWNS RD
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	480321
DEC Memo:	"4/25/16: I spoke with Tony Cannizarro at American Tank. Residential UST tested for a pending estate sale. Vacuum portion failed with crackling . Tony also reports the well point sample had petroleum odors and stating. He notified the Realtor on scene. Tony states he will call back with the contact information for the actual property owner once he receives it. jod 8/3/16: Envirostar disposed of the leaking UST and a total of 36.9 tons of petroleum contaminated soil. Post excavation soil sample results were submitted for review. Some residual contamination well over CP-51 guidance could not be excavated. Ground water was sampled and results were near standards. Closure documents entered into the DecDocs system. Based upon the available information, no further action is required at this time. jod"
Remarks:	"550 gal ust"

All Materials:

Site ID:	526116
Operable Unit ID:	1275054
Operable Unit:	01
Material ID:	2279755
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

14
NE
< 1/8
0.109 mi.
573 ft.

290 LOCUST AVE
290 LOCUST AVE
PEEKSKILL, NY

NY Spills **S102103171**
N/A

Relative:
Higher

Actual:
142 ft.

SPILLS:

Name:	290 LOCUST AVE
Address:	290 LOCUST AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9101182 / 1991-06-11
Facility ID:	9101182
Facility Type:	ER
DER Facility ID:	157070
Site ID:	187969
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	6012
Spill Date:	1991-04-29
Investigator:	TAYLOR
Referred To:	Not reported
Reported to Dept:	1991-04-29
CID:	Not reported
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:	1991-04-30
Spill Record Last Update:	2003-09-19
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"PIT IN BASEMENT HAS PETROLEUM SHEEN ON WATER PADS IN BASEMENT SPILL BEING CONTAINED LAURIE TAYLOR TO INVESTIGATE"

All Materials:

Site ID:	187969
Operable Unit ID:	952471
Operable Unit:	01
Material ID:	427311
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

E15
West
< 1/8
0.113 mi.
596 ft.

HIGHRANGE FUELS, INC.
96 OREGON ROAD
CORTLANDT, NY 10567

Site 1 of 2 in cluster E

UST U003883879
AST N/A

Relative:
Lower

Actual:
121 ft.

WESTCHESTER CO. UST:

Name:	HIGHRANGE FUELS, INC.
Address:	96 OREGON ROAD
City,State,Zip:	CORTLANDT, NY 10567
Id/Status:	3-800192 / Active
Operator Name:	Highrange Fuels, Inc.
Owner Name:	Highrange Fuels, Inc.
Owner Street:	96 Oregon Road
Owner Address2:	Not reported
Owner City:	Cortlandt Manor
Owner State:	NY
Owner Zipcode:	10567
GDS Number:	3552200326
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	4000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	10/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	Not reported
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None
Tank Number:	2
Status:	3. Closed - Removed
Capacity:	4000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	10/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	Not reported
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	0. None

HIGHRANGE FUELS, INC. (Continued) **U003883879**

Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	3
Status:	3. Closed - Removed
Capacity:	4000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	10/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	Not reported
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	4
Status:	1. In-Service
Capacity:	10000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	10/01/1998
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	4. Glass liner
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

Tank Number:	5
Status:	1. In-Service
Capacity:	10000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	10/01/1998
Date Perm Closure:	01/01/1900

HIGHRANGE FUELS, INC. (Continued) **U003883879**

Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	4. Glass liner
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

WESTCHESTER CO. AST:

Name:	HIGHRANGE FUELS, INC.
Address:	96 OREGON ROAD
City,State,Zip:	CORTLANDT, NY 10567
PBS Number:	3-800192
Site Status:	Active
GDS Number:	3552200326
Operator Name:	Highrange Fuels, Inc.
Owner Name:	Highrange Fuels, Inc.
Owner Street:	96 Oregon Road
Owner Address2:	Not reported
Owner City/State/Zip:	Cortlandt Manor, NY 10567

Tank Number:	6
Status:	1. In-Service
Date Installation:	11/01/1987
Capacity:	275
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	Not reported
Piping External Protection:	6. Wrapped (Piping)
Piping Leak Detection:	0. None
Piping Secondary Containment:	Not reported
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

E16 **CITGO** **NY Spills** **S116553305**
West **96 OREGON ROAD** **N/A**
< 1/8 **CORTLANDT MANOR, NY**
0.113 mi.
596 ft. **Site 2 of 2 in cluster E**

Relative: **Lower**

Actual: **121 ft.**

SPILLS:

Name:	CITGO
Address:	96 OREGON ROAD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1311423 / 2014-03-14
Facility ID:	1311423
Facility Type:	ER
DER Facility ID:	447268
Site ID:	492321
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	D2
SWIS:	6022
Spill Date:	2014-03-06
Investigator:	RDBENDEL
Referred To:	WCDOH
Reported to Dept:	2014-03-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
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:	2014-03-06
Spill Record Last Update:	2014-03-14
Spiller Name:	Not reported
Spiller Company:	CITGO
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ANONYMOUS
DEC Memo:	"3/06/14: According to the Hotline Dispatcher, the anonymous caller is either an employee or a former employee at this gas station. He told the dispatcher that if someone prepays for $40 of gasoline, but their tank is full at $35 of gasoline. the pump cannot be shut off and continues pumping the remaining fuel. Caller states this has been going on for months and the owner refuses to take action. Either DEC of WCDoH will inspect tomorrow. jod 3/07/14: Denise Heinzinger from WCDoH PBS will inspect this morning and update DEC on the situation. jod 03-14-14 WCHD inspected, NFA RDB"
Remarks:	"Caller advised that pump# 1, 2 and 5 all have a shut off problem. Caller advised when someone prepays gas and the amount doesn't fill the tank even after letting go of the pump the nozzle continues to pump gas until the actual pre pay amount is done."

All Materials:

Site ID:	492321
Operable Unit ID:	1241853
Operable Unit:	01
Material ID:	2242344
Material Code:	0009

CITGO (Continued) **S116553305**

Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

D17 **PRIVATE RESD** **LTANKS** **S111159986**
SSE **116 ETON DOWNS RD** **N/A**
< 1/8 **CORTLANDT MANOR, NY**
0.119 mi.
629 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
208 ft.

LTANKS:

Name:	PRIVATE RESD
Address:	116 ETON DOWNS RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1103868 / 2011-09-19
Facility ID:	1103868
Site ID:	451446
Spill Date:	2011-07-08
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2011-07-08
CID:	Not reported
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:	2011-07-08
Spill Record Last Update:	2011-09-19
Spiller Name:	ROBERT MCCLERNON
Spiller Company:	MCCLERNON RESIDENCE
Spiller Address:	116 ETON DOWNS RD
Spiller County:	999
Spiller Contact:	ROBERT MCCLERNON
Spiller Phone:	(914) 739-4136
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	406015
DEC Memo:	"Phone # for contact is not working. Tank Tech reports realtor is Lou at Keller Williams, 914-962-0007. DT 9/19/2011: Closure report from Dutchess Environmental entered into eDocs. Based upon information provided, no further action required at this time. jod"
Remarks:	"Repair & retest being scheduled."

All Materials:

Site ID:	451446

PRIVATE RESD (Continued) **S111159986**

Operable Unit ID:	1201638
Operable Unit:	01
Material ID:	2198188
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

F18 **RESIDENCE** **LTANKS** **S113916426**
South **6 FOX HILL ROAD** **N/A**
1/8-1/4 **CORTLANDT MANOR, NY**
0.129 mi.
683 ft. **Site 1 of 4 in cluster F**

Relative: LTANKS:
Higher

Actual: **228 ft.**

Name:	RESIDENCE
Address:	6 FOX HILL ROAD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1306069 / 2013-12-06
Facility ID:	1306069
Site ID:	486659
Spill Date:	2013-09-09
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2013-09-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2013-09-09
Spill Record Last Update:	2013-12-06
Spiller Name:	KATHY MORGAN
Spiller Company:	ANA RUIZ
Spiller Address:	6 FOXHILL ROAD
Spiller County:	999
Spiller Contact:	KATHY MORGAN
Spiller Phone:	(845) 855-3970
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	441760
DEC Memo:	"9-9-13 Spoke with Kathy. They will be pulling tank. She says that US Tank gave homeowner a list of contractors for tank removal. Homeowner is Anna Ruiz 914-299-5935. jm 10/29/2013 3:56:16 PM:: Email update from Envirostar: John, We removed a 1000 gallon ust today. Ana Ruiz 6

RESIDENCE (Continued) **S113916426**

Fox Hills Road Cortlandt Manor 914-739-3164 Hole in the tank contaminated soil in the ground. She is contacting her homeowners insurance. -Mark jod 11/18/2013 3:37:54 PM:: John We removed one container of contaminated soil today We have clean samples and will submit for closure. Mark jod 12/05/13: I spoke with Patty Talbot from Better Homes Realty at 914-282-3340. She is representing the prospective buyer and is scheduling a closing date. She states she was told by the seller's rep that the Report has been sent. jod 12/6/13: Tank removal and remediation completed by Envirostar. Sample results submitted for review. Tank Closure report reviewed and entered into eDocs. Based upon the information provided, no further action is required at this time. jod"

Remarks: "Tank test failure."

All TTF:

Facility ID:	1306069
Spill Number:	1306069
Spill Tank Test:	2494261
Site ID:	486659
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	False
UST:	True
Cause:	03
Source:	01
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	486659
Operable Unit ID:	1236306
Operable Unit:	01
Material ID:	2235676
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

F19 **SPILL NUMBER 0106437** **LTANKS** **S106702940**
South **5 FOX HILL DRIVE** **N/A**
1/8-1/4 **CORTLANDT MANOR, NY**
0.137 mi.
723 ft. **Site 2 of 4 in cluster F**

Relative: **Higher**

Actual: **228 ft.**

LTANKS:

Name:	SPILL NUMBER 0106437
Address:	5 FOX HILL DRIVE
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0106437 / 2002-01-14
Facility ID:	0106437
Site ID:	147286
Spill Date:	2001-09-19
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-09-19
CID:	270
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-09-19
Spill Record Last Update:	2003-04-08
Spiller Name:	MR HOFFMAN
Spiller Company:	MR HOFFMAN
Spiller Address:	5 FOX HILL DRIVE
Spiller County:	001
Spiller Contact:	MR HOFFMAN
Spiller Phone:	(914) 736-6815
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	125392
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 01/14/2002 ENVIROSTAR PULLED TANK AND 33.88 TONS OF CONTAMINATED SOIL. NO FURTHER ACTION."
Remarks:	"holes in tank contaminated soil discovered"

All Materials:

Site ID:	147286
Operable Unit ID:	844703
Operable Unit:	01
Material ID:	531294
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F20 **WILLIAM FALEY** **LTANKS** **S104276144**
South **18 FOXHILL ROAD** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.149 mi.
787 ft. **Site 3 of 4 in cluster F**

Relative:
Higher

Actual:
225 ft.

LTANKS:

Name:	WILLIAM FALEY
Address:	18 FOXHILL ROAD
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9213631 / 1993-03-17
Facility ID:	9213631
Site ID:	153819
Spill Date:	1993-03-08
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	1993-03-17
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1993-03-11
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:	2003-12-02
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:	130479
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"CUSTOMER REPORTED NO HEAT SERVICEMAN DISCOVERED WATER IN TANK FILL PIPE WAS FLUSH WITH GROUND AN EXTENSION WAS ADDED BUT PROBLEM REOCCURRED SPOKE WITH J.TORRES OF RELIABLE SEWER SERVICE WILL REMOVE TA"

All Materials:

Site ID:	153819
Operable Unit ID:	977750
Operable Unit:	01
Material ID:	403399
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00

WILLIAM FALEY (Continued) **S104276144**

Oxygenate: Not reported

21
WNW
1/8-1/4
0.150 mi.
793 ft.

RESIDENTS **LTANKS** **S105135353**
20 SMITH ROAD **N/A**
CORTLANDT MANOR, NY

Relative:
Lower

Actual:
91 ft.

LTANKS:

Name:	RESIDENTS
Address:	20 SMITH ROAD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0105295 / 2001-09-20
Facility ID:	0105295
Site ID:	268356
Spill Date:	2001-08-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D3
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-08-15
CID:	282
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:	2001-08-15
Spill Record Last Update:	2001-10-30
Spiller Name:	SAME
Spiller Company:	HOMEOWNER
Spiller Address:	20 SMITH ROAD
Spiller County:	001
Spiller Contact:	HOERST MAUERSDERG-OWNER
Spiller Phone:	(860) 536-3241
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	218602
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 09/20/2001 TANK PASSED RETEST. NO FURTHER ACTION."
Remarks:	"TANK FAILED THE TEST.RECOMMEND UNCOVER REPAIR RETEST. "

All TTF:

Facility ID:	0105295
Spill Number:	0105295
Spill Tank Test:	1526535
Site ID:	268356
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported

RESIDENTS (Continued) **S105135353**

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:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	268356
Operable Unit ID:	842192
Operable Unit:	01
Material ID:	533770
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F22 **RESIDENCE** **LTANKS S104507268**
South **7 FOX HILL RD** **NY Spills N/A**
1/8-1/4 **CORTLANDT MANOR, NY**
0.154 mi.
814 ft. **Site 4 of 4 in cluster F**

Relative: LTANKS:
Higher

Actual: Name:	SPILL NUMBER 0006523
231 ft. Address:	7 FOX HILL RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0006523 / 2004-06-02
Facility ID:	0006523
Site ID:	176059
Spill Date:	2000-05-01
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C6
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-09-01
CID:	382
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-09-01
Spill Record Last Update:	2004-06-02
Spiller Name:	MR VIOLA

RESIDENCE (Continued) **S104507268**

Spiller Company:	Not reported
Spiller Address:	7 FOX HILL RD
Spiller County:	001
Spiller Contact:	MR VIOLA
Spiller Phone:	(914) 737-9165
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	147969
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 09/01/2000 SPILL MAY HAVE BEEN CALLED IN ABOUT 3 MONTHS AGO. CALLER STATES SPILL WAS FROM A BROKEN LINE IN A CRAWL SPACE. STATES AL EASTMAN OIL REPAIRED LINE AND HE HIRED AN INDEPENDENT CLEANUP CONTRACTOR TO CLEAN SPILL BUT HE DOESN'T REMEMBER WHO IT WAS. SPILL WAS NOT PROPERLY CLEANED UP AT THAT TIME. GIVEN A CONTRACTOR LIST BY DEC. 06/02/04 SEE SPILL 99-01815. jbo"
Remarks:	"caller states that there was a spill at above location and was cleaned but there is still a stain and smell in residence"

All Materials:

Site ID:	176059
Operable Unit ID:	829356
Operable Unit:	01
Material ID:	547637
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:	RESIDENCE
Address:	7 FOX HILL RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	9901815 / 2004-06-02
Facility ID:	9901815
Facility Type:	ER
DER Facility ID:	147969
Site ID:	176060
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C6
SWIS:	6000
Spill Date:	1999-05-17
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-05-17
CID:	242
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	1999-05-19

RESIDENCE (Continued) **S104507268**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-05-17
Spill Record Last Update:	2004-06-02
Spiller Name:	VICTOR GIANNONE
Spiller Company:	RESIDENCE
Spiller Address:	7 FOX HILL RD
Spiller Company:	001
Contact Name:	VICTOR GIANNONE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 5/17/99 EASTERN OIL -- CUSTOMER COMPLAINED OF ODOR SINCE 5/15. MADISON ENVIRONMENTAL FROM OSSINING INSIDE, CONFINED AREA. ALSO REPORTED AS SPILL 00-06523."
Remarks:	"WESTCHESTER HEALTH HAS BEEN CONTACTED-SPILL CREW BEING CALLED FOR CLEAN UP."

All Materials:

Site ID:	176060
Operable Unit ID:	1080574
Operable Unit:	01
Material ID:	305343
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

---

23 **BURKO** **LTANKS** **S103939547**
SE **24 WATERBURY PARKWAY** **N/A**
1/8-1/4 **CORTLANDT, NY**
0.174 mi.
919 ft.

Relative: **Higher**

Actual: **226 ft.**

LTANKS:

Name:	BURKO
Address:	24 WATERBURY PARKWAY
City,State,Zip:	CORTLANDT, NY
Spill Number/Closed Date:	9103266 / 1991-08-15
Facility ID:	9103266
Site ID:	280198
Spill Date:	1991-06-18
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	1953-06-18
SWIS:	6022
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1991-06-23
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported

BURKO (Continued) **S103939547**

Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-06-25
Spill Record Last Update:	1999-01-15
Spiller Name:	Not reported
Spiller Company:	ABC OIL
Spiller Address:	2051 EAST MAIN ST.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	227504
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 08/15/91: ALL THE CONTAMINATED SOIL WAS REMOVED AND THE AREA WAS RESTORED TO ORIGINAL CONDITION. 09/27/95: This is additional information about material spilled from the translation of the old spill file: # 2 FUEL."
Remarks:	"250' CONTAMINATED SOIL"

All Materials:

Site ID:	280198
Operable Unit ID:	957280
Operable Unit:	01
Material ID:	425713
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

---

24 **SPILL NUMBER 9806679** **LTANKS** **S104619665**
North **19 GALLOWS HILL RD** **N/A**
1/8-1/4 **CORTLANDT MANOR, NY**
0.179 mi.
944 ft.

Relative: **Lower**

Actual: **93 ft.**

LTANKS:

Name:	SPILL NUMBER 9806679
Address:	19 GALLOWS HILL RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	9806679 / 1998-09-21
Facility ID:	9806679
Site ID:	293778
Spill Date:	1998-08-31
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept

SPILL NUMBER 9806679 (Continued) **S104619665**

Reported to Dept:	1998-08-31
CID:	312
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:	1998-08-31
Spill Record Last Update:	2004-05-21
Spiller Name:	STEVE LOVING
Spiller Company:	Not reported
Spiller Address:	19 GALLOWS HILL RD
Spiller County:	001
Spiller Contact:	STEVE LOVING
Spiller Phone:	(914) 737-2923
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	237758
DEC Memo:	""
Remarks:	"TEST: ALERT 1000 - REPLACE VENT PIPE AND RETEST"

All TTF:

Facility ID:	9806679
Spill Number:	9806679
Spill Tank Test:	1546208
Site ID:	293778
Tank Number:	001
Tank Size:	550
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	99
Test Method 2:	Alternate Test per former 613.5(a)(2)(v)
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

25
SW
1/8-1/4
0.220 mi.
1164 ft.

CAMMARARTA HOME
20 GILBERT STREET
CORTLANDT MANOR, NY

LTANKS **S108298626**
N/A

Relative:
Higher

Actual:
170 ft.

LTANKS:

Name:	CAMMARARTA HOME
Address:	20 GILBERT STREET
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0608112 / 2007-03-06
Facility ID:	0608112
Site ID:	372001
Spill Date:	2006-10-16
Spill Cause:	Tank Test Failure

CAMMARARTA HOME (Continued) **S108298626**

Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-10-16
CID:	444
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:	2006-10-16
Spill Record Last Update:	2007-03-06
Spiller Name:	LUKAS CAMMARATA
Spiller Company:	CAMMARARTA HOME
Spiller Address:	20 GILBERT STREET
Spiller County:	001
Spiller Contact:	LUKAS CAMMARATA
Spiller Phone:	(845) 528-9529
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	321741
DEC Memo:	"No known impacts or complications. March 6, 2007: NEW ENGLAND TANK REMOVED AND DISPOSED OF TANK. NO EVIDENCE OF LEAK OR CONTAMINATION WAS FOUND. VENT PIPE WAS CORRODED BELOW GRADE. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"UNCOVER REPAIR AND TEST OR REMOVE:"

All TTF:

Facility ID:	0608112
Spill Number:	0608112
Spill Tank Test:	1550365
Site ID:	372001
Tank Number:	1
Tank Size:	550
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:	372001
Operable Unit ID:	1129748
Operable Unit:	01
Material ID:	2119413
Material Code:	0001A

CAMMARARTA HOME (Continued) **S108298626**

Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

---

26 **PRIVATE RES** **LTANKS** **S106472098**
North **12 ADAIR RD** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.262 mi.
1385 ft.

Relative:
Lower

Actual:
70 ft.

LTANKS:

Name:	PRIVATE RES
Address:	12 ADAIR RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0404008 / 2004-10-28
Facility ID:	0404008
Site ID:	308964
Spill Date:	2004-07-14
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-07-14
CID:	406
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:	2004-07-14
Spill Record Last Update:	2004-10-28
Spiller Name:	GROCCIA, MARGARET
Spiller Company:	PRIVATE RES
Spiller Address:	12 ADAIR RD
Spiller County:	001
Spiller Contact:	GROCCIA, MARGARET
Spiller Phone:	(914) 734-7039
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	249513
DEC Memo:	"10/28/04 ENVIROSTARDISPOSED OF LUST AND 13.89 TONS OF CONTAMINATED SOIL. BASED UPON THE INFORMATION SUPPLIED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jbo"
Remarks:	"were doing a tank removal and found holes in it. Caller is sending out soil samples today. Clean up pending test results."

All TTF:

Facility ID:	0404008

PRIVATE RES (Continued) **S106472098**

Spill Number:	0404008
Spill Tank Test:	1529443
Site ID:	308964
Tank Number:	Not reported
Tank Size:	550
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:	308964
Operable Unit ID:	886743
Operable Unit:	01
Material ID:	491559
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G27 **RESIDENTIAL - TTF** **LTANKS** **S118707721**
SE **42 PARK DRIVE** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.295 mi.
1556 ft. **Site 1 of 2 in cluster G**

Relative:
Higher

Actual:
306 ft.

LTANKS:

Name:	RESIDENTIAL - TTF
Address:	42 PARK DRIVE
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1602297 / 2017-03-13
Facility ID:	1602297
Site ID:	528698
Spill Date:	2016-06-06
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D3
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2016-06-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester

RESIDENTIAL - TTF (Continued) **S118707721**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2016-06-06
Spill Record Last Update:	2017-03-13
Spiller Name:	JANECE
Spiller Company:	Owner
Spiller Address:	42 PARK DRIVE
Spiller County:	999
Spiller Contact:	JANECE
Spiller Phone:	8453640007
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	482850
DEC Memo:	"6/29/16: No callback information. Unregulated TTF 2/16/17: Soil samples and some other receipts submitted by Certified Tank Removal. No explanation or description of work performed was included. Message sent requesting additional information. The jpg documents submitted were combined into a pdf file and entered in DecDocs. jod 3/13/2017: Report from Certified Environmental entered into DecDocs. Tank was removed, there was no leak or contamination. Based upon the information provided, no further action is required at this time. jod"
	Not reported
Remarks:	"550 gallon tank test failure."

All Materials:

Site ID:	528698
Operable Unit ID:	1277547
Operable Unit:	01
Material ID:	2282390
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

G28 **NORES** **LTANKS** **S105054772**
SE **46 WATERBURY PARKWY** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.313 mi.
1652 ft. **Site 2 of 2 in cluster G**

Relative: **Higher**

Actual: **317 ft.**

LTANKS:

Name:	NORES
Address:	46 WATERBURY PARKWY
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0101185 / 2005-04-24
Facility ID:	0101185
Site ID:	276790
Spill Date:	2001-05-01
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling

NORES (Continued) **S105054772**

Spill Class:	D5
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-05-01
CID:	382
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:	2001-05-01
Spill Record Last Update:	2005-04-24
Spiller Name:	TIM NORES
Spiller Company:	CARDINAL MCCLUSKEY SVCS
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	JOE SIMONE
Spiller Phone:	(845) 628-6400
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	225032
DEC Memo:	"04/24/05 TTF OF NON-REGULATED TANK. TANK WAS SCHEDULED FOR RETEST, BUT NO RETEST OR CLOSURE INFORMATION SUBMITTED TO DEC. FILE ADMINISTRATIVELY CLOSED AS PER DIRECTIVE FROM CENTRAL OFFICE. jod"
Remarks:	"GROSS FAILURE. RETEST SCHEDULED FOR THE NEXT FEW DAYS."

All TTF:

Facility ID:	0101185
Spill Number:	0101185
Spill Tank Test:	1526270
Site ID:	276790
Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	16
Test Method 2:	Tracer Tight
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	276790
Operable Unit ID:	839888
Operable Unit:	01
Material ID:	536892
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

NORES (Continued) **S105054772**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

H29 **RESIDENCE** **LTANKS** **S108131150**
SSE **46 PARK DRIVE** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.318 mi.
1681 ft. **Site 1 of 2 in cluster H**

Relative: **Higher**

Actual: **305 ft.**

LTANKS:

Name:	RESIDENCE
Address:	46 PARK DRIVE
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0604841 / 2006-11-01
Facility ID:	0604841
Site ID:	367914
Spill Date:	2006-07-28
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-07-28
CID:	410
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:	2006-07-28
Spill Record Last Update:	2006-11-01
Spiller Name:	DAVID HULSENBECK
Spiller Company:	RESIDENCE
Spiller Address:	46 PARK DRIVE
Spiller County:	999
Spiller Contact:	DAVID HULSENBECK
Spiller Phone:	(973) 305-1200
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	317876
DEC Memo:	"November 1, 2006: GRAZI-1 CORP REMOVED AND DISPOSED OF TANK. NO EVIDENCE OF LEAK OR CONTAMINATION WAS FOUND. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"NONE:"

All TTF:

Facility ID:	0604841
Spill Number:	0604841
Spill Tank Test:	1550160
Site ID:	367914

RESIDENCE (Continued) **S108131150**

Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	99
Test Method 2:	Alternate Test per former 613.5(a)(2)(v)
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	367914
Operable Unit ID:	1125809
Operable Unit:	01
Material ID:	2115331
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

H30 **SCHLACHTER - TTF** **LTANKS** **S118142072**
SSE **49 PARK DRIVE** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.319 mi.
1684 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
288 ft.

LTANKS:

Name:	SCHLACHTER - TTF
Address:	49 PARK DRIVE
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1504420 / 2015-10-08
Facility ID:	1504420
Site ID:	510761
Spill Date:	2015-07-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2015-07-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True

SCHLACHTER - TTF (Continued) **S118142072**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-07-26
Spill Record Last Update:	2015-10-08
Spiller Name:	KATE SCHLACHTER
Spiller Company:	Kate Schlachter
Spiller Address:	49 PARK DR
Spiller County:	999
Spiller Contact:	Kate
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	465336
DEC Memo:	"7-26-15 Spoke to Tony. He says tank failed crackling and hissing. He believes it is an air leak. Spoke to Kate. She says they are planning to remove. jc 10/06/15 Envirostar reported that they excavated and removed the tank and that no contaminated soil was found in the excavation. Post excavation soil sample results were below DEC guidance values. NFA. TG"
Remarks:	"recommend removal"

All Materials:

Site ID:	510761
Operable Unit ID:	1260027
Operable Unit:	01
Material ID:	2263385
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

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31 **BRADY** **LTANKS** **S104950584**
SSE **36 FOX HILL RD** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.326 mi.
1723 ft.

Relative: **Higher**

Actual: **287 ft.**

LTANKS:

Name:	BRADY
Address:	36 FOX HILL RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0011804 / 2005-04-17
Facility ID:	0011804
Site ID:	78130
Spill Date:	2001-02-01
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D5
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-02-01

BRADY (Continued) **S104950584**

CID:	211
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:	2001-02-01
Spill Record Last Update:	2005-04-17
Spiller Name:	BRADY RES
Spiller Company:	Not reported
Spiller Address:	36 FOX HILL RD
Spiller County:	001
Spiller Contact:	BRADY RES
Spiller Phone:	(845) 229-2376
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	72741
DEC Memo:	"2/23/00 Letter sent to home owner requesting information 04/17/05 NON-REGULATED TTF. NO RETEST OR CLOSURE INFORMATION SUBMITTED TO DEC. SPILL ADMINISTRATIVELY CLOSED AS PER DIRECTIVE FROM CENTRAL OFFICE. jod"
Remarks:	""

All TTF:

Facility ID:	0011804
Spill Number:	0011804
Spill Tank Test:	1526082
Site ID:	78130
Tank Number:	Not reported
Tank Size:	550
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:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	78130
Operable Unit ID:	833724
Operable Unit:	01
Material ID:	542099
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

32
WSW
1/4-1/2
0.330 mi.
1745 ft.

GURMIT BATRA
24 STEVENSON AVENUE
CORTLANDT MANOR, NY

LTANKS **S105998700**
N/A

Relative:
Higher

Actual:
178 ft.

LTANKS:

Name:	GURMIT BATRA
Address:	24 STEVENSON AVENUE
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0300583 / 2012-08-13
Facility ID:	0300583
Site ID:	144595
Spill Date:	2003-04-16
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C5
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2003-04-16
CID:	204
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:	2003-04-16
Spill Record Last Update:	2019-11-20
Spiller Name:	GURMIT BATRA
Spiller Company:	GURMIT BATRA
Spiller Address:	24 STEVENSON AVENUE
Spiller County:	001
Spiller Contact:	KATHY MORGAN
Spiller Phone:	(845) 225-5240
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	123234
DEC Memo:	"7/28/10 Homeowner TTF JO'M 8/13/12 With Albany and regional approval all Homeowner Tank Test Failure with no impact older than 5 years will be closed. NFA JO M"
Remarks:	"TANK TEST FAILURE - TANK HAS BEEN PUMPED"

All TTF:

Facility ID:	0300583
Spill Number:	0300583
Spill Tank Test:	1528264
Site ID:	144595
Tank Number:	1
Tank Size:	550
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

GURMIT BATRA (Continued) **S105998700**

Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 144595
Operable Unit ID: 866942
Operable Unit: 01
Material ID: 508663
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

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33 **SCHIEFELBEIN RESIDENCE** **LTANKS** **S109064314**
SE **25 RANCHO DRIVE** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.355 mi.
1877 ft.

Relative:
Higher

Actual:
328 ft.

LTANKS:
Name: SCHIEFELBEIN RESIDENCE
Address: 25 RANCHO DRIVE
City,State,Zip: CORTLANDT MANOR, NY
Spill Number/Closed Date: 0801295 / 2008-10-02
Facility ID: 0801295
Site ID: 397196
Spill Date: 2008-04-24
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: D5
Cleanup Ceased: Not reported
SWIS: 6022
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2008-05-01
CID: 406
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-05-01
Spill Record Last Update: 2008-10-02
Spiller Name: RICHARD SCHIEFELBEIN
Spiller Company: SCHIEFELBEIN RESIDENCE
Spiller Address: 25 RANCHO DR.
Spiller County: 001
Spiller Contact: RICHARD SCHIEFELBEIN

SCHIEFELBEIN RESIDENCE (Continued) **S109064314**

Spiller Phone:	(914) 739-8447
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	346636
DEC Memo:	"Invalid test method as per PBS regs. Tank to be removed or retested. 07/24/08 Northeast Environmental Inc reported that they excavated and removed one tank along with 76.25 tons of petroleum contaminated soil. Post excavation TAGM soil sample results were below DEC guidance values. Nfa. TG"
Remarks:	"Failed tightness test. Test Method Mesa 2D."

All TTF:

Facility ID:	0801295
Spill Number:	0801295
Spill Tank Test:	2453636
Site ID:	397196
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	99
Source:	01
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	397196
Operable Unit ID:	1154155
Operable Unit:	01
Material ID:	2144944
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I34 **+** **LTANKS** **S105999198**
North **4 ABRAHAM DUNN MEMORIAL D** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.398 mi.
2104 ft. **Site 1 of 3 in cluster I**

Relative: **Lower**
Actual: **47 ft.**

LTANKS:

Name:	+
Address:	4 ABRAHAM DUNN MEMORIAL D
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0302716 / 2004-11-27
Facility ID:	0302716
Site ID:	233840

+ (Continued) **S105999198**

Spill Date:	2003-06-13
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D5
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2003-06-13
CID:	297
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:	2003-06-13
Spill Record Last Update:	2004-11-27
Spiller Name:	PRAHASH MAKHIGANI
Spiller Company:	Not reported
Spiller Address:	4 ABRAHAM DUNN MEMORIAL D
Spiller County:	001
Spiller Contact:	PAOLA CORONEL
Spiller Phone:	(914) 747-9741
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	192669
DEC Memo:	"11/27/04 NO INFORMATION RECEIVED. ADMINISTRATIVELY CLOSED AS PER DIRECTIVE FROM CENTRAL OFFICE DER DIRECTOR AND DEC COMMISSIONER'S OFFICE. jbo"
Remarks:	"NO CONTAMINATION FOUND AROUND TANK"

All TTF:

Facility ID:	0302716
Spill Number:	0302716
Spill Tank Test:	1528450
Site ID:	233840
Tank Number:	Not reported
Tank Size:	550
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:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	233840
Operable Unit ID:	869545
Operable Unit:	01
Material ID:	507175

+ (Continued) **S105999198**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I35 **BILL LAWLESS** **LTANKS** **S110769325**
North **2 ABRAHAM GUNN MEMORIAL DR** **NY Spills** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.400 mi.
2110 ft. **Site 2 of 3 in cluster I**

Relative:
Lower

Actual:
43 ft.

LTANKS:

Name:	LAWLESS RESIDENCE
Address:	2 ABRAHAM GUNN MEMORIAL DR
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1012633 / 2011-05-17
Facility ID:	1012633
Site ID:	446813
Spill Date:	2011-03-18
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2011-03-18
CID:	Not reported
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:	2011-03-18
Spill Record Last Update:	2011-05-17
Spiller Name:	BILL LAWLESS
Spiller Company:	BILL LAWLESS
Spiller Address:	2 ABRAHAM GUNN MEMORIAL DR
Spiller County:	999
Spiller Contact:	BILL LAWLESS
Spiller Phone:	(646) 391-4222
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	401657
DEC Memo:	"3/18/11 - Soil sample showed contamination outside the tank. Property to hire contractor for tank and impacted soil removal. KAB 4/22/11: UST removed. Second spill 1012784 reported. jod 5/17/11: Tank Masters disposed of LUST and 15.46 tons of petroleum contaminated soil. Exit samples BDL. Closure report entered into eDocs. Based upon the information provided, no further action is required at this time. jod"

BILL LAWLESS (Continued) **S110769325**

Remarks: "Tank test failure with leaking into the soil. Tank will be removed via homeowner scheduling."

All Materials:

Site ID:	446813
Operable Unit ID:	1196949
Operable Unit:	01
Material ID:	2193295
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:	BILL LAWLESS
Address:	2 ABRAHAM GUNN MEMORIAL DR
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	1012784 / 2011-05-17
Facility ID:	1012784
Facility Type:	ER
DER Facility ID:	401657
Site ID:	447050
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6022
Spill Date:	2011-03-23
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2011-03-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
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:	2011-03-23
Spill Record Last Update:	2011-05-17
Spiller Name:	BILL LAWLESS
Spiller Company:	BILL LAWLESS
Spiller Address:	2 ABRAHAM GUNN MEMORIAL DR
Spiller Company:	999
Contact Name:	BILL LAWLESS
DEC Memo:	"3/23/11 Spoke to the David Desilva of New Way Services. They are pulling the UST, and will be stockpiling contaminated dirt for disposal. They will also be generating a closure report. dw 5/16/11- Call from owner, Bill Lawless. he reports that Tankmasters finished job and submitted TCR. DEC was not aware of this info and will check

BILL LAWLESS (Continued) **S110769325**

into and callback. DT 5/17/11: Tank Masters disposed of LUST and 15.46 tons of petroleum contaminated soil. Exit samples BDL. Closure report entered into eDocs. Based upon the information provided, no further action is required at this time. jod"

Remarks: "soil contamination found during tank removal, clean up pending"

All Materials:

Site ID:	447050
Operable Unit ID:	1197181
Operable Unit:	01
Material ID:	2193477
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

I36 **ORTESE HOME** **LTANKS** **S109064190**
NNE **3 ABRAHAN GUNN MEMORIAL DRIVE** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.402 mi.
2122 ft. **Site 3 of 3 in cluster I**

Relative:
Lower

Actual:
55 ft.

LTANKS:

Name:	ORTESE HOME
Address:	3 ABRAHAN GUNN MEMORIAL DRIVE
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0713402 / 2008-05-01
Facility ID:	0713402
Site ID:	395147
Spill Date:	2008-03-19
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2008-03-19
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-19
Spill Record Last Update:	2008-05-01
Spiller Name:	CARLOS ORTESE
Spiller Company:	ORTESE HOME
Spiller Address:	3 ABRAHMA GUNN MEM DR
Spiller County:	001
Spiller Contact:	CARLOS ORTESE

ORTESE HOME (Continued) **S109064190**

Spiller Phone:	(914) 739-7987
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	344684
DEC Memo:	"May 1, 2008: Tank passed a retest after piping was repaired. Based upon information provided to DEC, no further action is required at this time. jod"
Remarks:	"recommend uncover and retest"

All TTF:

Facility ID:	0713402
Spill Number:	0713402
Spill Tank Test:	2384860
Site ID:	395147
Tank Number:	Not reported
Tank Size:	550
Material:	Not reported
EPA UST:	Not reported
UST:	False
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:	395147
Operable Unit ID:	1152089
Operable Unit:	01
Material ID:	2142862
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

J37 **ADVENT CHURCH** **LTANKS** **S104276646**
WSW **123 OREGON ROAD** **NY Spills** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.424 mi.
2239 ft. **Site 1 of 3 in cluster J**

Relative:
Higher

Actual:
154 ft.

LTANKS:

Name:	COLUMBANS CHURCH
Address:	123 OREGON DRIVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8706419 / 1988-08-16
Facility ID:	8706419
Site ID:	244610
Spill Date:	1987-10-28
Spill Cause:	Tank Test Failure

ADVENT CHURCH (Continued) **S104276646**

Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1988-08-16
SWIS:	6012
Investigator:	MURTHY
Referred To:	Not reported
Reported to Dept:	1987-10-28
CID:	Not reported
Water Affected:	NONE
Spill Notifier:	Tank Tester
Last Inspection:	1988-08-16
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-11-19
Spill Record Last Update:	1988-09-07
Spiller Name:	FATHER KEENAN
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:	200931
DEC Memo:	""
Remarks:	"TTTF-3K TANK;-0.383 & 5K TANK;-0.214 GPH"

All TTF:

Facility ID:	8706419
Spill Number:	8706419
Spill Tank Test:	1532085
Site ID:	244610
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:	244610
Operable Unit ID:	912417
Operable Unit:	01
Material ID:	465434
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

ADVENT CHURCH (Continued) **S104276646**

Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	ADVENT CHURCH
Address:	123 OREGON ROAD
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1212486 / 2012-11-26
Facility ID:	1212486
Facility Type:	ER
DER Facility ID:	430925
Site ID:	475636
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B4
SWIS:	6012
Spill Date:	2012-11-24
Investigator:	dxweitz
Referred To:	Not reported
Reported to Dept:	2012-11-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
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:	2012-11-24
Spill Record Last Update:	2012-11-26
Spiller Name:	LYNN
Spiller Company:	BURKE
Spiller Address:	475 COMMERCE ST
Spiller Company:	999
Contact Name:	LYNN
DEC Memo:	"11/24/12 Spoke to Lynn at Burke Heat. Spill was a 1 gal overfill at the Advent Church. Burke crew was on site cleaning up affected area outside by fill. NFA dw "
Remarks:	"While delivering oil to the church the driver spilled 1.2 gal due to a faulty fill pipe. Clean is pending crew arrival."

All Materials:

Site ID:	475636
Operable Unit ID:	1225468
Operable Unit:	01
Material ID:	2222736
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.20
Units:	G

ADVENT CHURCH (Continued) **S104276646**

Recovered: Not reported
Oxygenate: Not reported

J38 **RESI: PIZZURRO** **LTANKS** **S103824860**
WSW **11 OREGON RD** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.435 mi.
2297 ft. **Site 2 of 3 in cluster J**

Relative:
Higher

Actual:
156 ft.

LTANKS:

Name:	RESI: PIZZURRO
Address:	11 OREGON RD
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	9815151 / 1999-04-02
Facility ID:	9815151
Site ID:	271360
Spill Date:	1999-03-22
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-03-22
CID:	323
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:	1999-03-22
Spill Record Last Update:	1999-04-16
Spiller Name:	MR PIZZURRO
Spiller Company:	RESI: PIZZURRO
Spiller Address:	11 OREGON RD
Spiller County:	001
Spiller Contact:	MR PIZZURRO
Spiller Phone:	(914) 788-3848
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	220863
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 4/2/99 550 GALLON FUEL TANK PASSED RETEST ON 3/29/99. NEW VENT PIPE AND NEW FILL PIPE INSTALLED - NO CONTAMINATION OBSERVED IN AREAS EXCAVATED. NFA"
Remarks:	"HOLE IN VENT PIPE, ALL PIPING BEING CHECKED AND WILL BE REPLACED AS FOUND."

All TTF:

Facility ID:	9815151
Spill Number:	9815151
Spill Tank Test:	1546968
Site ID:	271360
Tank Number:	Not reported

RESI: PIZZURRO (Continued) **S103824860**

Tank Size:	550
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:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	271360
Operable Unit ID:	1073017
Operable Unit:	01
Material ID:	308271
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

J39 **RESIDENCE** **LTANKS** **S106868814**
SW **1 CATHERINE STREET** **N/A**
1/4-1/2 **CORTLANDT MANOR, NY**
0.435 mi.
2299 ft. **Site 3 of 3 in cluster J**

Relative:
Higher

Actual:
168 ft.

LTANKS:

Name:	RESIDENCE
Address:	1 CATHERINE STREET
City,State,Zip:	CORTLANDT MANOR, NY
Spill Number/Closed Date:	0412725 / 2005-04-03
Facility ID:	0412725
Site ID:	338305
Spill Date:	2005-03-04
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6022
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-03-04
CID:	409
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False

RESIDENCE (Continued) **S106868814**

Remediation Phase:	0
Date Entered In Computer:	2005-03-04
Spill Record Last Update:	2006-04-27
Spiller Name:	MOSES PABON
Spiller Company:	RESIDENCE
Spiller Address:	1 CATHRIN STREET
Spiller County:	001
Spiller Contact:	MOSES PABON
Spiller Phone:	(914) 739-9413
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	273644
DEC Memo:	"04/03/05 TANK PASSED A RETEST AFTER PIPING WAS REPAIRED. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"UNCOVER, REPAIR AND RETEST."

All TTF:

Facility ID:	0412725
Spill Number:	0412725
Spill Tank Test:	1548650
Site ID:	338305
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	JBODee
Last Modified Date:	Not reported

All Materials:

Site ID:	338305
Operable Unit ID:	1100254
Operable Unit:	01
Material ID:	580529
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

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

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

Federal NPL site list

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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
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 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
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

Federal Delisted NPL site list

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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

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: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 08/06/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/11/2020
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

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: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

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: 07/01/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/22/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/10/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 86

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020
Date Data Arrived at EDR: 09/03/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 83

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
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: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
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: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
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 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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

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: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
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: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

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: 04/22/2020
Date Data Arrived at EDR: 06/18/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 78

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Varies

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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 77

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

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: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
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: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 07/24/2020
Date Data Arrived at EDR: 07/24/2020
Date Made Active in Reports: 10/12/2020
Number of Days to Update: 80

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 09/11/2020
Next Scheduled EDR Contact: 12/28/2020
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: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Semi-Annually

State and tribal Brownfields 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: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
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: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
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: 07/01/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/22/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
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: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
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: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
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: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
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: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
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: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
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: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
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: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
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: 10/30/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 3
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
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: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 86

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/22/2021
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 08/05/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
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: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Semi-Annually

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: 10/08/2020
Next Scheduled EDR Contact: 01/18/2021
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: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
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: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
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: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
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: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
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: 07/20/2020
Date Data Arrived at EDR: 07/21/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 12/14/2020
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: 07/24/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/14/2020
Next Scheduled EDR Contact: 02/01/2021
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: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/15/2021
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: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
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: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 01/31/2021
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: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
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: 11/30/2020
Next Scheduled EDR Contact: 03/15/2021
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: 11/06/2021
Next Scheduled EDR Contact: 02/15/2021
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: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
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: 10/27/2020
Next Scheduled EDR Contact: 02/08/2021
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: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
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: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
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: 11/20/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
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

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: 08/04/2020
Date Data Arrived at EDR: 08/25/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 09/10/2020
Date Data Arrived at EDR: 09/15/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

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: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
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: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
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: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/22/2021
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: 09/04/2020
Date Data Arrived at EDR: 09/15/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 66

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
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: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/08/2021
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: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/25/2021
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: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 10/14/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 07/01/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/22/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/12/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/21/2020
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: 02/27/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 06/25/2020
Date Data Arrived at EDR: 06/25/2020
Date Made Active in Reports: 07/22/2020
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/11/2021
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: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
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: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
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: 07/28/2020
Date Data Arrived at EDR: 08/06/2020
Date Made Active in Reports: 10/28/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 10/14/2020
Next Scheduled EDR Contact: 02/01/2021
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: 11/13/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 08/30/2020
Date Data Arrived at EDR: 09/01/2020
Date Made Active in Reports: 11/23/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
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: 07/07/2020
Date Data Arrived at EDR: 07/14/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 78

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 01/25/2021
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: 05/28/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 30

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/15/2021
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: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
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: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 34

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

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: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

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: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

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: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 11/25/2020
Next Scheduled EDR Contact: 03/15/2021
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: 11/25/2020
Next Scheduled EDR Contact: 03/15/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
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: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 70

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/07/2021
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: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 70

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/07/2021
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: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/09/2020
Next Scheduled EDR Contact: 01/18/2021
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: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
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: 10/08/2020
Next Scheduled EDR Contact: 01/25/2021
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: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

119 OREGON ROAD MULTIFAMILY DEVELOPMENT
119 OREGON ROAD
CORTLANDT MANOR, NY 10567

TARGET PROPERTY COORDINATES

Latitude (North):	41.311341 - 41° 18' 40.83''
Longitude (West):	73.903449 - 73° 54' 12.42''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	591789.5
UTM Y (Meters):	4573687.5
Elevation:	140 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5939759 PEEKSKILL, NY
Version Date:	2013

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).

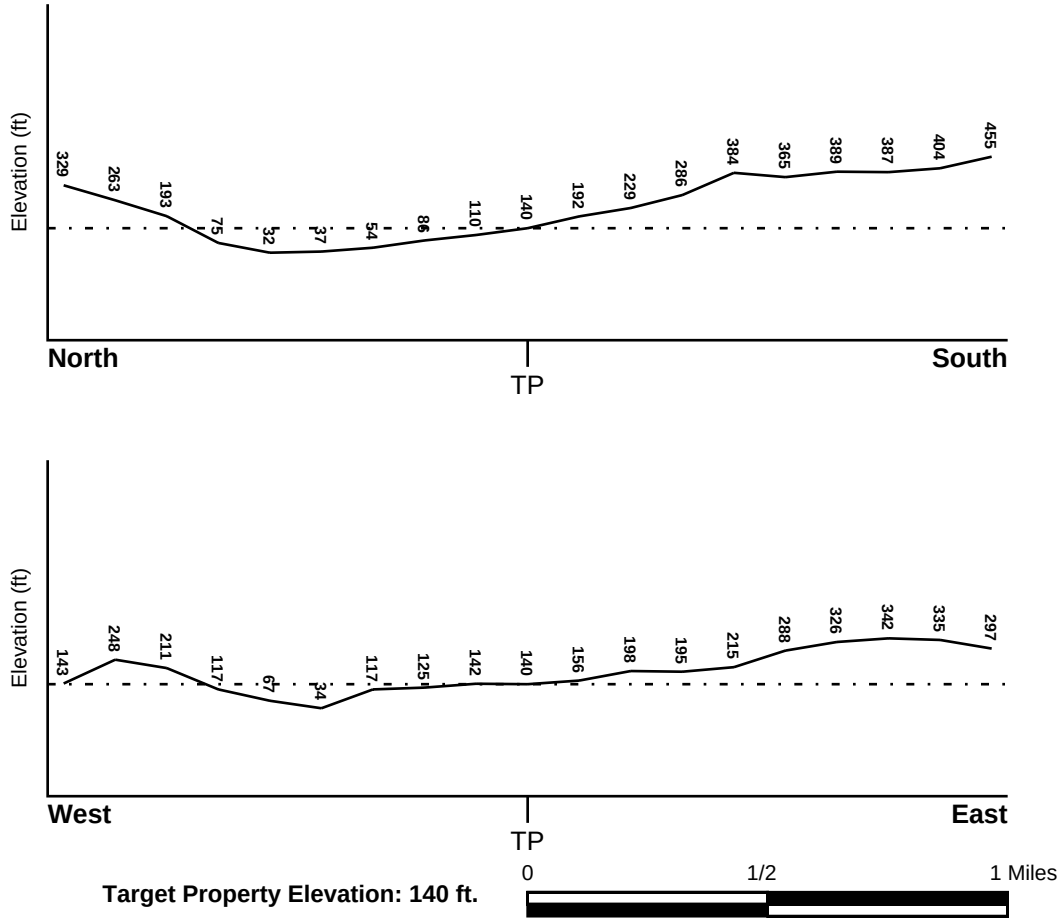
TOPOGRAPHIC INFORMATION

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 NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 140 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
36119C0017F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
36119C0008F	FEMA FIRM Flood data
36119C0009F	FEMA FIRM Flood data
36119C0016F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PEEKSKILL	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

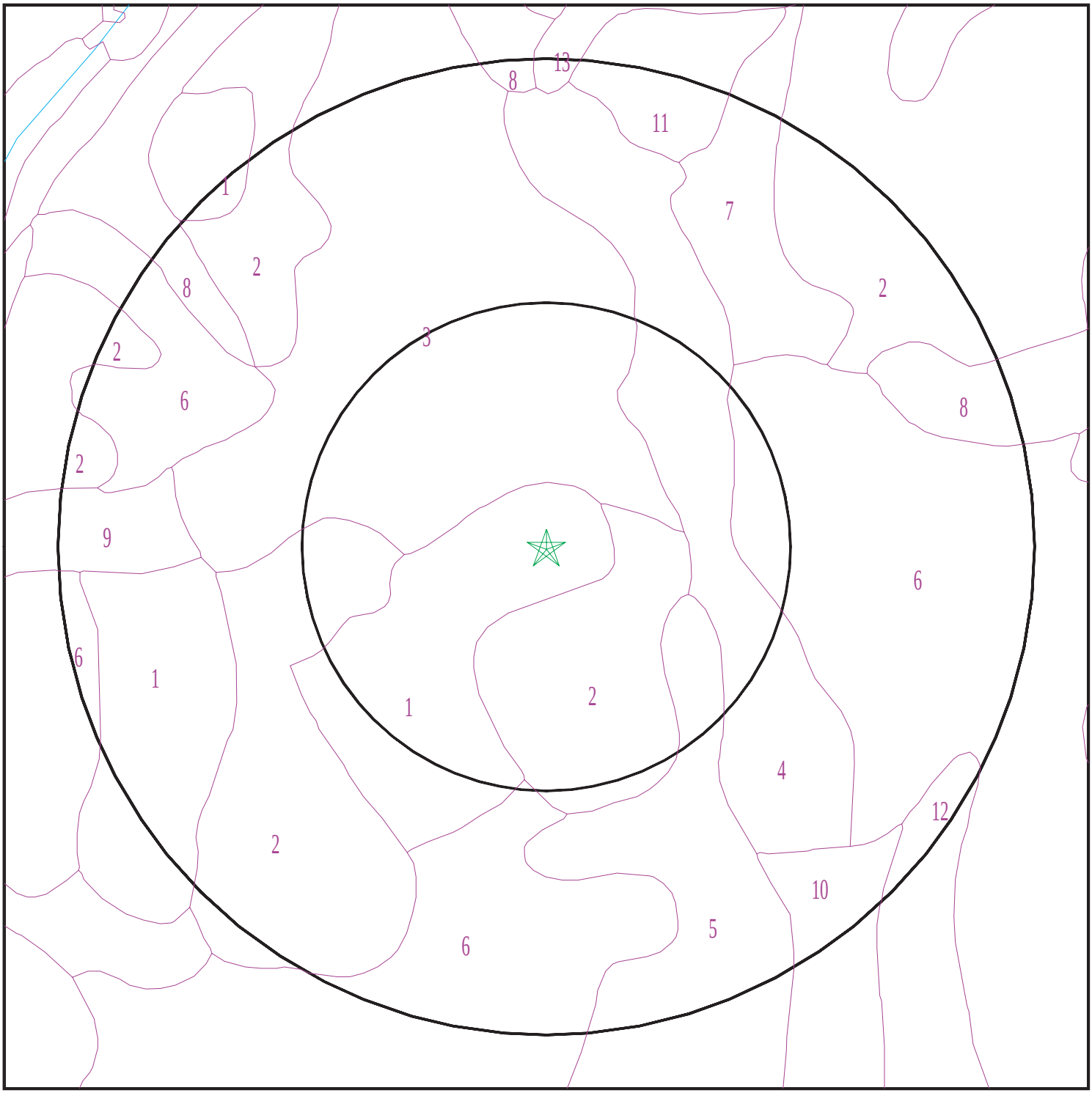
Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Paleozoic	Category:	Stratified Sequence
System:	Ordovicias		
Series:	Lower Ordovician and Cambrian carbonate rocks		
Code:	OC *(decoded above as Era, System & Series)*		

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 - 06286811.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	119 Oregon Road Multifamily Development	CLIENT:	French & Parrello Assoc., P.A.
ADDRESS:	119 Oregon Road Cortlandt Manor NY 10567	CONTACT:	Neil Jiorle
LAT/LONG:	41.311341 / 73.903449	INQUIRY #:	06286811.2r
		DATE:	December 02, 2020 5:35 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: Not reported

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 127 inches

Depth to Watertable Min: > 84 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: Charlton

Soil Surface Texture: 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
2	7 inches	24 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
3	24 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture: 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:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Woodbridge

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 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	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5
2	11 inches	29 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5
3	29 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 5

Soil Component Name: Urban land

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

No Layer Information available.

Soil Map ID: 6

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 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	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5
2	9 inches	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5
3	20 inches	59 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 7

Soil Component Name: Charlton

Soil Surface Texture: 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: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
2	7 inches	24 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
3	24 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 8

Soil Component Name: Charlton

Soil Surface Texture: 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: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
2	7 inches	24 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
3	24 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 9

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

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		
1	0 inches	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5
2	9 inches	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5
3	20 inches	59 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 10

Soil Component Name: Urban land

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 11

Soil Component Name: Riverhead

Soil Surface Texture: 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: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 7.3 Min: 4.5
2	5 inches	25 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 7.3 Min: 4.5
3	25 inches	29 inches	loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 7.3 Min: 4.5
4	29 inches	59 inches	loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 7.3 Min: 4.5

Soil Map ID: 12

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 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	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5
2	9 inches	20 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5
3	20 inches	59 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 13

Soil Component Name: Riverhead

Soil Surface Texture: 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 7.3 Min: 4.5
2	5 inches	25 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 7.3 Min: 4.5
3	25 inches	29 inches	loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 7.3 Min: 4.5
4	29 inches	59 inches	loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 7.3 Min: 4.5

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000842313	1/8 - 1/4 Mile SSW
3	USGS40000842351	1/2 - 1 Mile WNW
4	USGS40000842333	1/2 - 1 Mile West
5	USGS40000842391	1/2 - 1 Mile NNW
6	USGS40000842288	1/2 - 1 Mile SW
7	USGS40000842305	1/2 - 1 Mile WSW
8	USGS40000842428	1/2 - 1 Mile North
9	USGS40000842411	1/2 - 1 Mile NNW
10	USGS40000842379	1/2 - 1 Mile NW
11	USGS40000842239	1/2 - 1 Mile SSE
12	USGS40000842359	1/2 - 1 Mile WNW
13	USGS40000842251	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

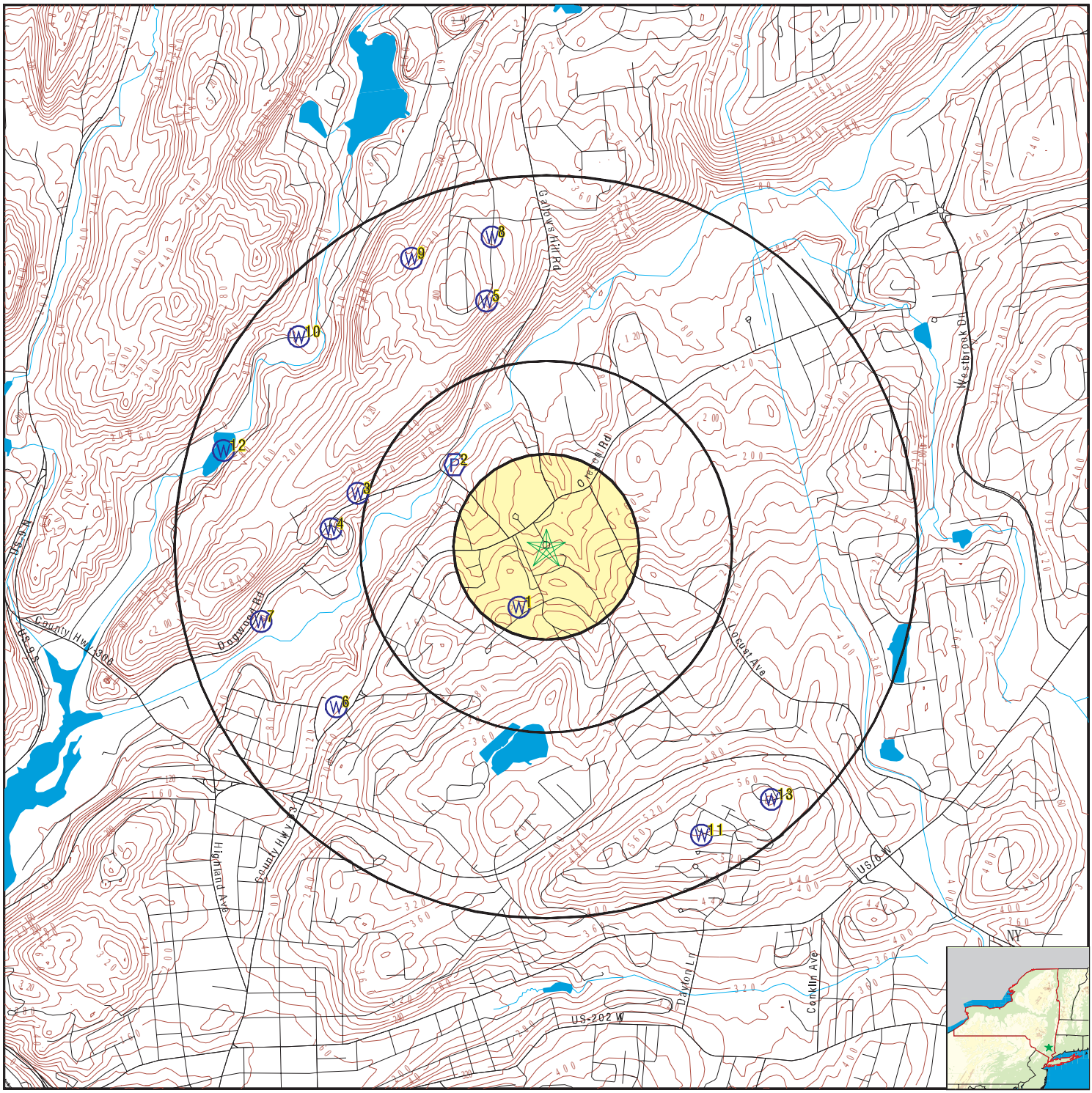
MAP ID	WELL ID	LOCATION FROM TP
2	NY0003452	1/4 - 1/2 Mile NW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 06286811.2r



- County Boundary
- Major Roads
- Contour Lines
- 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:	119 Oregon Road Multifamily Development	CLIENT:	French & Parrello Assoc., P.A.
ADDRESS:	119 Oregon Road Cortlandt Manor NY 10567	CONTACT:	Neil Jiorle
LAT/LONG:	41.311341 / 73.903449	INQUIRY #:	06286811.2r
		DATE:	December 02, 2020 5:35 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000842313**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 627	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	52
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

2
NW
1/4 - 1/2 Mile
Lower

FRDS PWS **NY0003452**

PWS ID:	NY0003452	PWS type:	System Owner/Responsible Party
PWS name:	SEYMOR JOSEPH	PWS address:	CITY OF PEEKSKILL
PWS address:	840 MAIN STREET	PWS city:	PEEKSKILL
PWS state:	NY	PWS zip:	10566
PWS ID:	NY0003452	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00020000	System name:	PEEKSKILL CITY
System address:	Not Reported	System address:	840 MAIN STREET
System city:	PEEKSKILL	System state:	NY
System zip:	10566		
County FIPS:	059	City served:	PEEKSKILL (C)
Latitude:	411852	Longitude:	0735431

3
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000842351**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 620	Type:	Well
Description:	Not Reported	HUC:	02030101
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:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	164	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

4
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000842333**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 619	Type:	Well
Description:	Not Reported	HUC:	02030101
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:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	135	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

5
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000842391**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 634	Type:	Well
Description:	Not Reported	HUC:	02030101
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:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	106	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

6
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000842288**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 248	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	156
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

7
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000842305**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 630	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:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	85	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

8
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000842428**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 621	Type:	Well
Description:	Not Reported	HUC:	02030101
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:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	78	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

9
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000842411**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 633	Type:	Well
Description:	Not Reported	HUC:	02030101
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:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	147	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

10
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000842379**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 617	Type:	Well
Description:	Not Reported	HUC:	02030101
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:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	15	Well Depth Units:	ft
Well Hole Depth:	15	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

11
SSE **FED USGS** **USGS40000842239**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 275	Type:	Well
Description:	Not Reported	HUC:	02030101
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:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	57	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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12
WNW **FED USGS** **USGS40000842359**
1/2 - 1 Mile
Lower

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 628	Type:	Well
Description:	Not Reported	HUC:	02030101
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:	Till
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	15	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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13
SE **FED USGS** **USGS40000842251**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 269	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:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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
WESTCHESTER	BEDFORD	108	2.44	1.65	21.7
WESTCHESTER	CORTLANDT	169	5.15	2.22	95.4
WESTCHESTER	EASTCHESTER	76	2.89	1.75	41.9
WESTCHESTER	GREENBURGH	222	2.26	1.46	21.8
WESTCHESTER	HARRISON	69	3.3	2.07	42.3
WESTCHESTER	LEWISBORO	72	3.91	2.61	19.2
WESTCHESTER	MAMARONECK	123	4	2.42	35.9
WESTCHESTER	MT. KISCO	38	2.33	1.72	9.3
WESTCHESTER	MT. PLEASANT	172	2.13	1.43	17.1
WESTCHESTER	MT. VERNON	53	2.82	1.65	32
WESTCHESTER	NEW CASTLE	134	2.2	1.46	31.7
WESTCHESTER	NEW ROCHELLE	127	1.92	1.31	13.8
WESTCHESTER	NO. CASTLE	64	3.49	2.25	16.5
WESTCHESTER	NO. SALEM	56	3.78	2.56	25.7
WESTCHESTER	OSSINING	65	2.08	1.39	10.9
WESTCHESTER	PEEKSKILL	47	3.66	2.34	19.9
WESTCHESTER	PELHAM	26	2.5	1.91	9.1
WESTCHESTER	POUND RIDGE	34	3.37	2.22	18.5
WESTCHESTER	RYE	98	2.24	1.63	9.5
WESTCHESTER	SCARSDALE	138	2.35	1.63	22.4
WESTCHESTER	SOMERS	72	3.89	2.82	21.3
WESTCHESTER	WHITE PLAINS	132	2.76	1.48	65.2
WESTCHESTER	YONKERS	153	2.23	1.37	16
WESTCHESTER	YORKTOWN	181	2.7	1.72	27.2

Federal EPA Radon Zone for WESTCHESTER County: 3

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 WESTCHESTER COUNTY, NY

Number of sites tested: 650

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.930 pCi/L	97%	3%	0%
Basement	1.730 pCi/L	84%	13%	2%

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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119 Oregon Road Multifamily Development

119 Oregon Road

Cortlandt Manor, NY 10567

Inquiry Number: 6286811.8

December 02, 2020

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

12/02/20

Site Name:

119 Oregon Road Multifamily D
119 Oregon Road
Cortlandt Manor, NY 10567
EDR Inquiry # 6286811.8

Client Name:

French & Parrello Assoc., P.A.
1800 Route 34
Wall, NJ 07719
Contact: Neil Jiorle

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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
1994	1"=500'	Acquisition Date: April 04, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: April 20, 1989	NYDOT
1984	1"=500'	Flight Date: March 26, 1984	USDA
1974	1"=500'	Flight Date: October 24, 1974	USDA
1960	1"=500'	Flight Date: April 01, 1960	PLAN
1958	1"=500'	Flight Date: August 05, 1958	USGS
1954	1"=500'	Flight Date: April 13, 1954	Jack
1946	1"=500'	Flight Date: January 01, 1946	FirstSearch

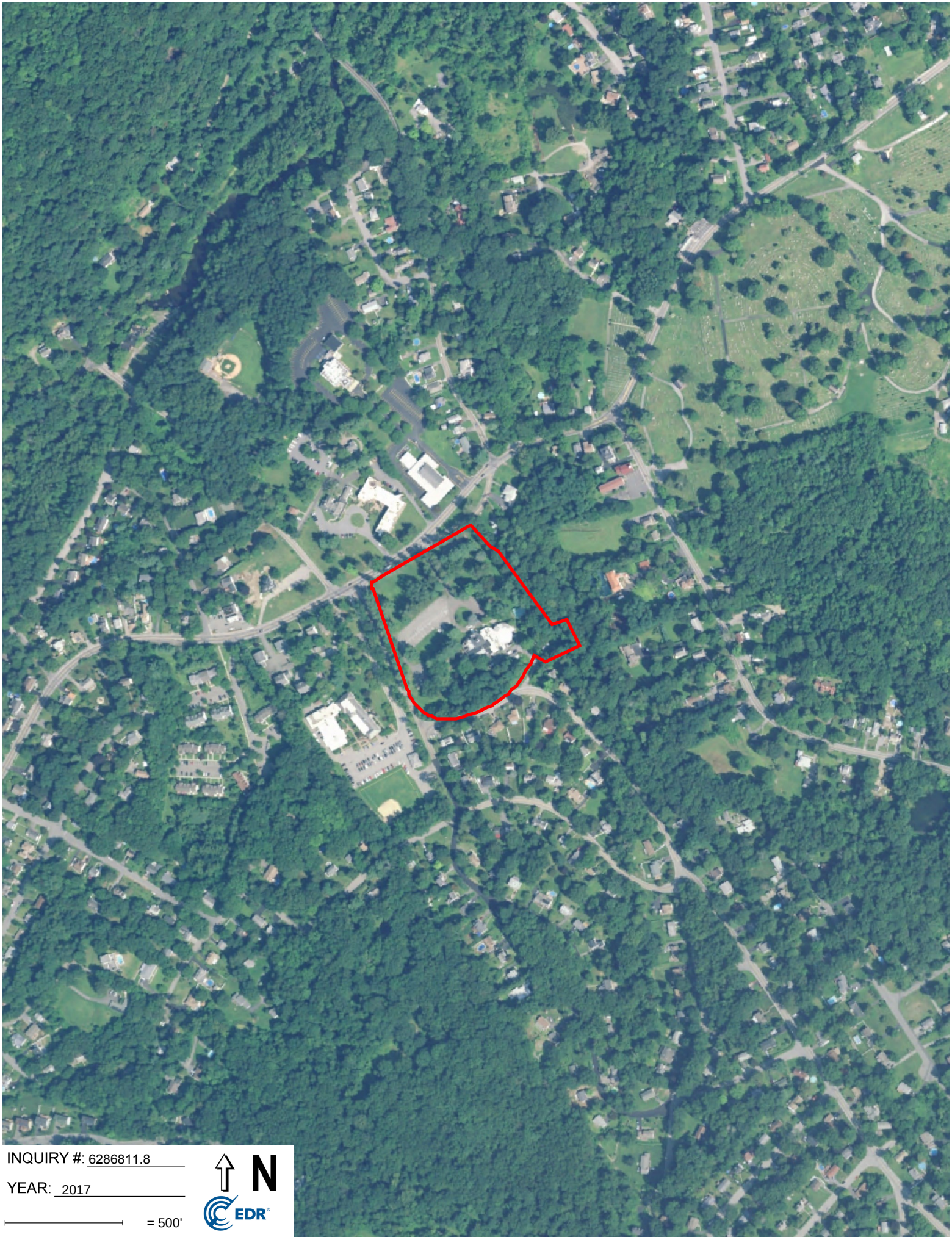
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

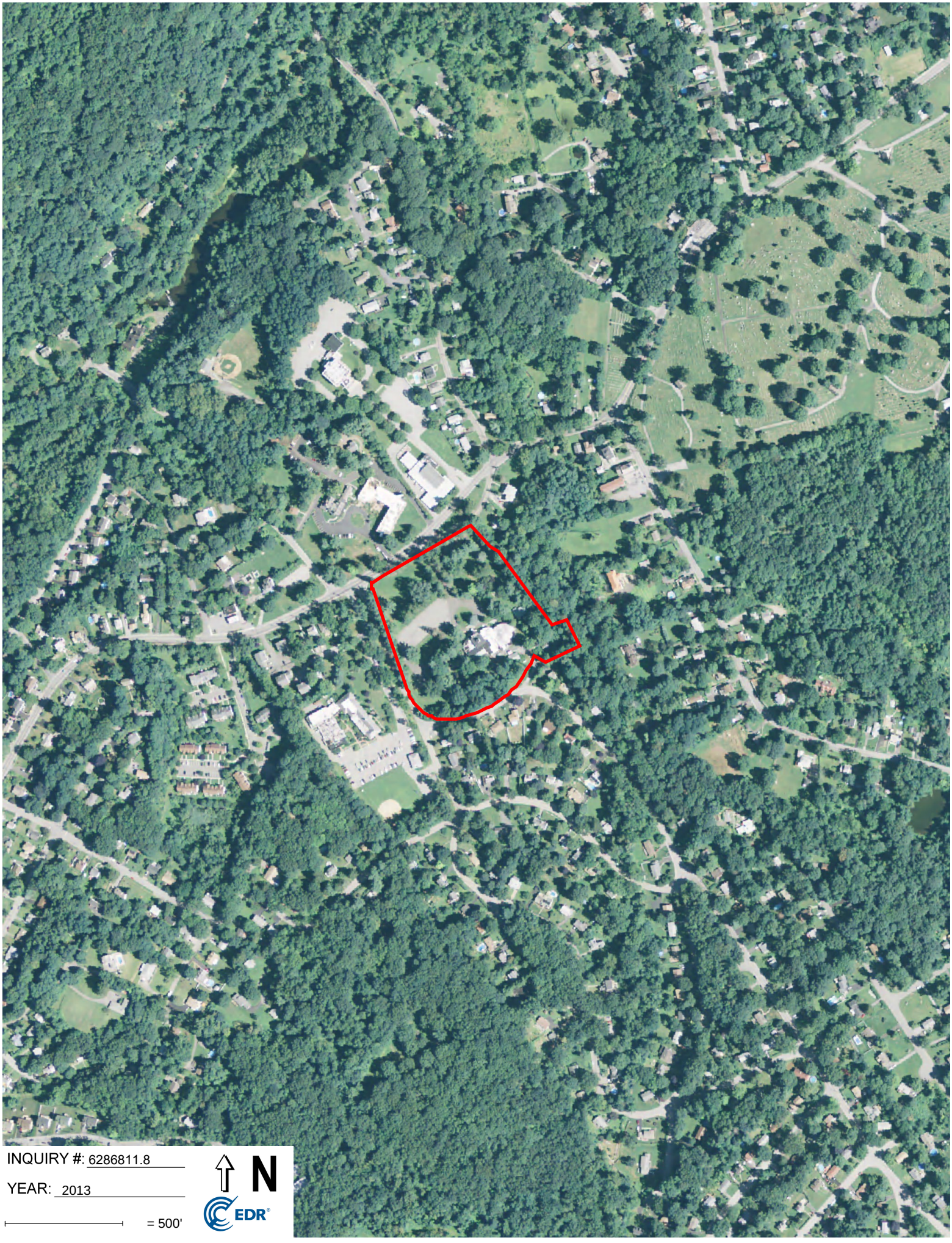
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INQUIRY #: 6286811.8
YEAR: 2017
= 500'
N
EDR


INQUIRY #: 6286811.8
YEAR: 2013
= 500'
N
EDR



INQUIRY #: 6286811.8

YEAR: 2009

= 500'

N

EDR



INQUIRY #: 6286811.8

YEAR: 2006

= 500'

N

EDR



INQUIRY #: 6286811.8

YEAR: 1994

= 500'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 6286811.8

YEAR: 1989

= 500'

N

EDR


INQUIRY #: 6286811.8
YEAR: 1984
= 500'
N
EDR


INQUIRY #: 6286811.8
YEAR: 1974
= 500'
N
EDR



INQUIRY #: 6286811.8

YEAR: 1960

= 500'

N

EDR



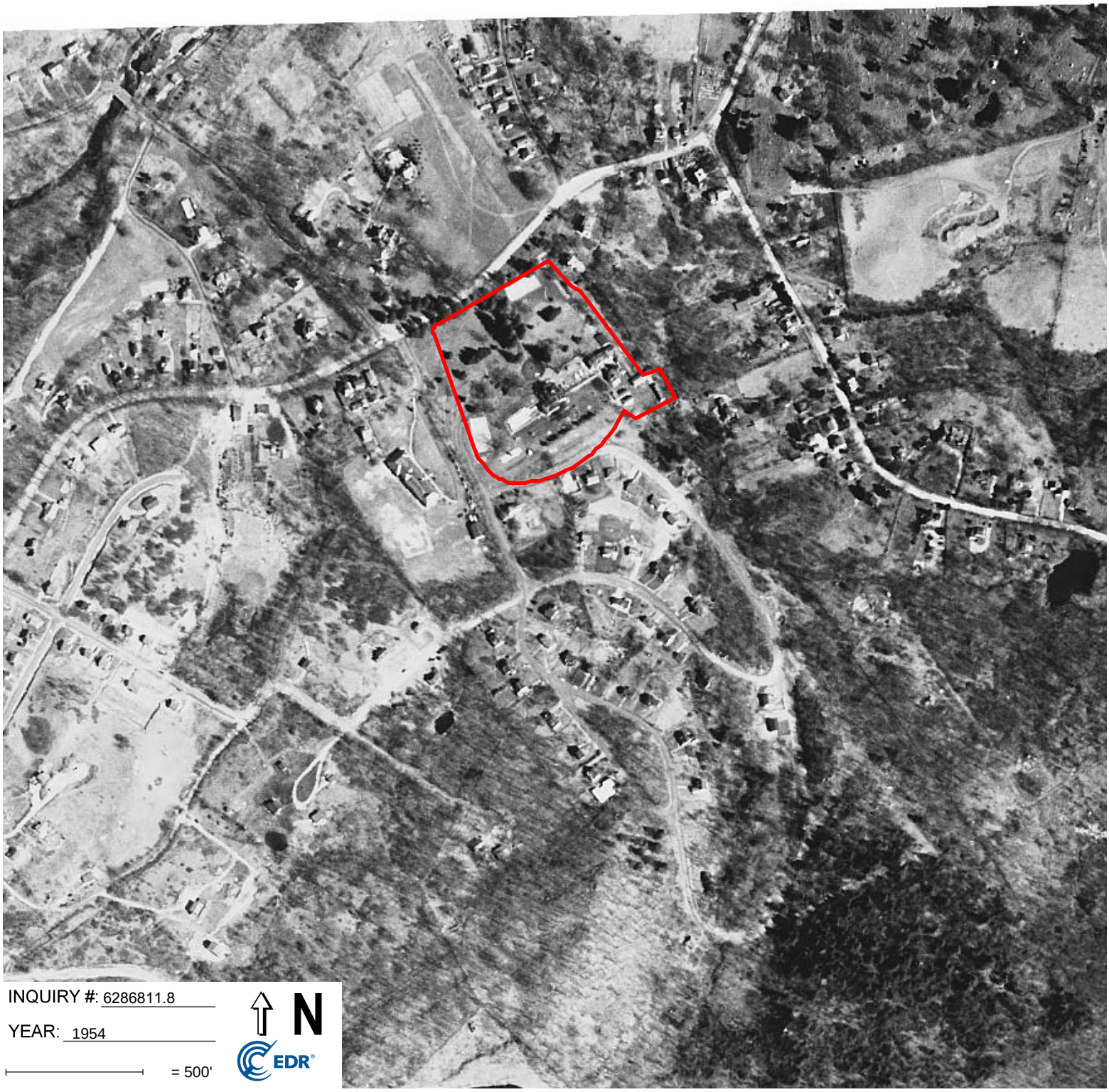
INQUIRY #: 6286811.8

YEAR: 1958

= 500'

N

EDR



INQUIRY #: 6286811.8

YEAR: 1954

= 500'

N

EDR



INQUIRY #: 6286811.8

YEAR: 1946

= 500'

N

EDR

119 Oregon Road Multifamily Development

119 Oregon Road

Cortlandt Manor, NY 10567

Inquiry Number: 6286811.3

December 03, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/03/20

Site Name:	Client Name:
119 Oregon Road Multifamily D	French & Parrello Assoc., P.A.
119 Oregon Road	1800 Route 34
Cortlandt Manor, NY 10567	Wall, NJ 07719
EDR Inquiry # 6286811.3	Contact: Neil Jiorle

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Certified Sanborn Results:

Certification # 55FC-4A85-8843

PO # NA

Project 16875.001

Maps Provided:

1942

Sanborn® Library search results

Certification #: 55FC-4A85-8843

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

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1942 Source Sheets



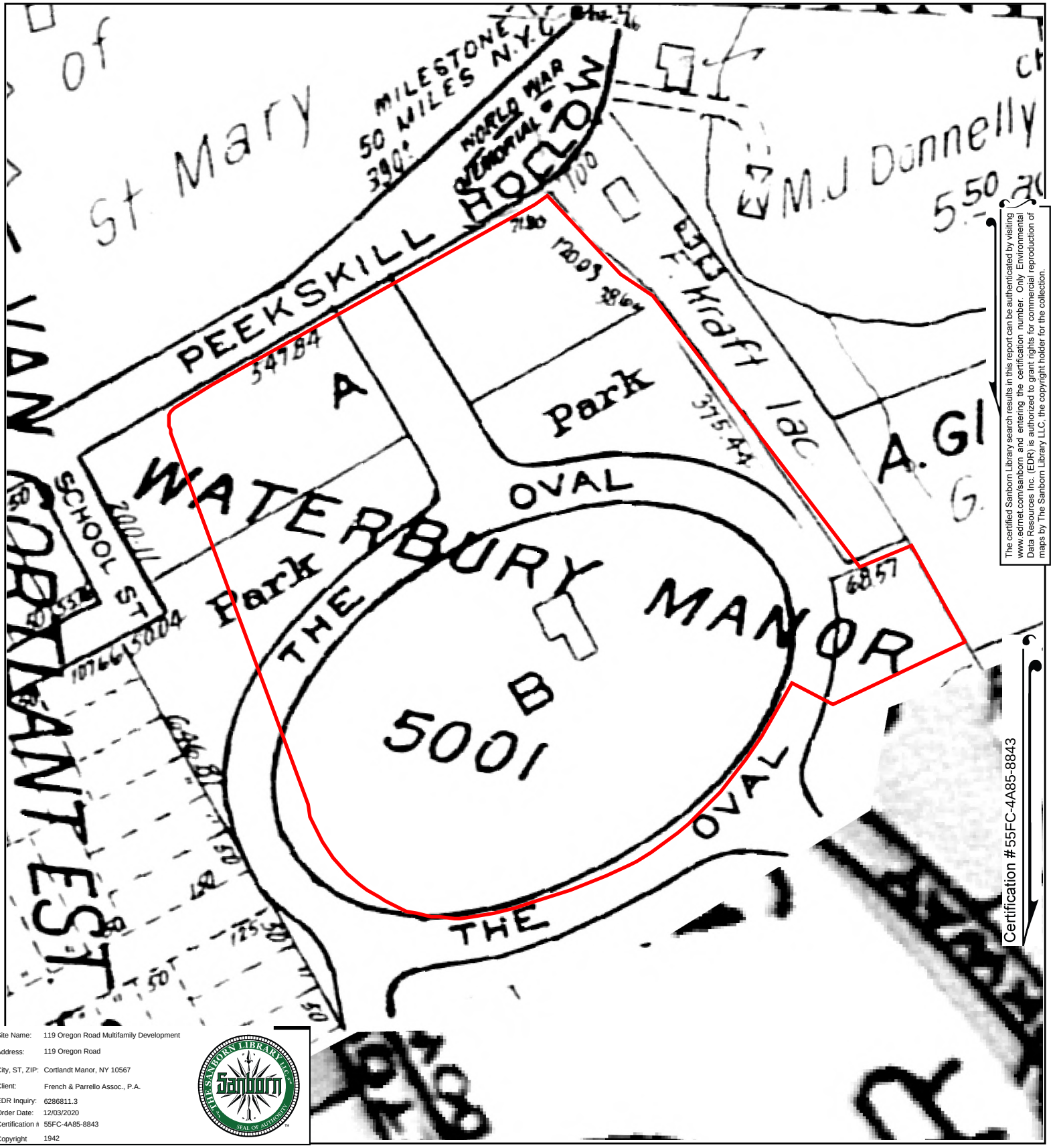
Volume 4, Sheet xxxx
1942



Volume 4, Sheet xxxx
1942



Volume 4, Sheet xxxx
1942



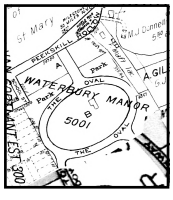
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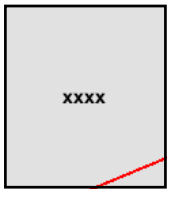
Certification #55FC-4A85-8843

Site Name:	119 Oregon Road Multifamily Development
Address:	119 Oregon Road
City, ST, ZIP:	Cortlandt Manor, NY 10567
Client:	French & Parrello Assoc., P.A.
EDR Inquiry:	6286811.3
Order Date:	12/03/2020
Certification #	55FC-4A85-8843
Copyright	1942

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





Volume 4, Sheet xxxx
Volume 4, Sheet xxxx
Volume 4, Sheet xxxx

N

119 Oregon Road Multifamily Development

119 Oregon Road

Cortlandt Manor, NY 10567

Inquiry Number: 6286811.4

December 02, 2020

EDR Historical Topo Map Report

with QuadMatch™

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

12/02/20

Site Name:

119 Oregon Road Multifamily D
119 Oregon Road
Cortlandt Manor, NY 10567
EDR Inquiry # 6286811.4

Client Name:

French & Parrello Assoc., P.A.
1800 Route 34
Wall, NJ 07719
Contact: Neil Jiorle

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by French & Parrello Assoc., P.A. 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.# NA
Project: 16875.001

Coordinates:

Latitude:	41.311341 41° 18' 41" North
Longitude:	-73.903449 -73° 54' 12" West
UTM Zone:	Zone 18 North
UTM X Meters:	591787.03
UTM Y Meters:	4573899.67
Elevation:	142.56' above sea level

Maps Provided:

2013	1901
1981	1899
1956, 1957	1894
1950	1892
1947	
1946	
1941	
1936	

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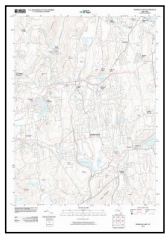
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets



Peekskill
2013
7.5-minute, 24000



Mohegan Lake
2013
7.5-minute, 24000

1981 Source Sheets



Mohegan Lake
1981
7.5-minute, 24000
Aerial Photo Revised 1976



Peekskill
1981
7.5-minute, 24000
Aerial Photo Revised 1976

1956, 1957 Source Sheets



Mohegan Lake
1956
7.5-minute, 24000
Aerial Photo Revised 1956



Peekskill
1957
7.5-minute, 24000
Aerial Photo Revised 1955

1950 Source Sheets

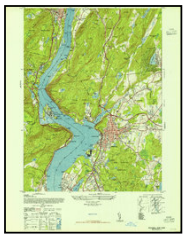


PEEKSKILL
1950
7.5-minute, 25000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



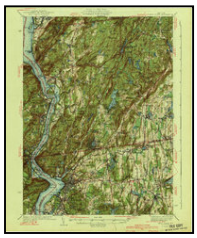
Peekskill
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1946 Source Sheets



WEST POINT
1946
15-minute, 50000

1941 Source Sheets



West Point
1941
15-minute, 62500

1936 Source Sheets

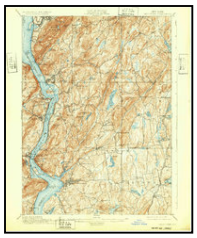


West Point
1936
15-minute, 48000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1901 Source Sheets



West Point
1901
15-minute, 62500

1899 Source Sheets



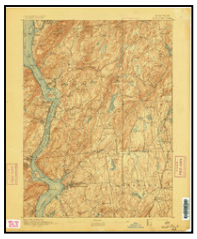
West Point
1899
15-minute, 62500

1894 Source Sheets

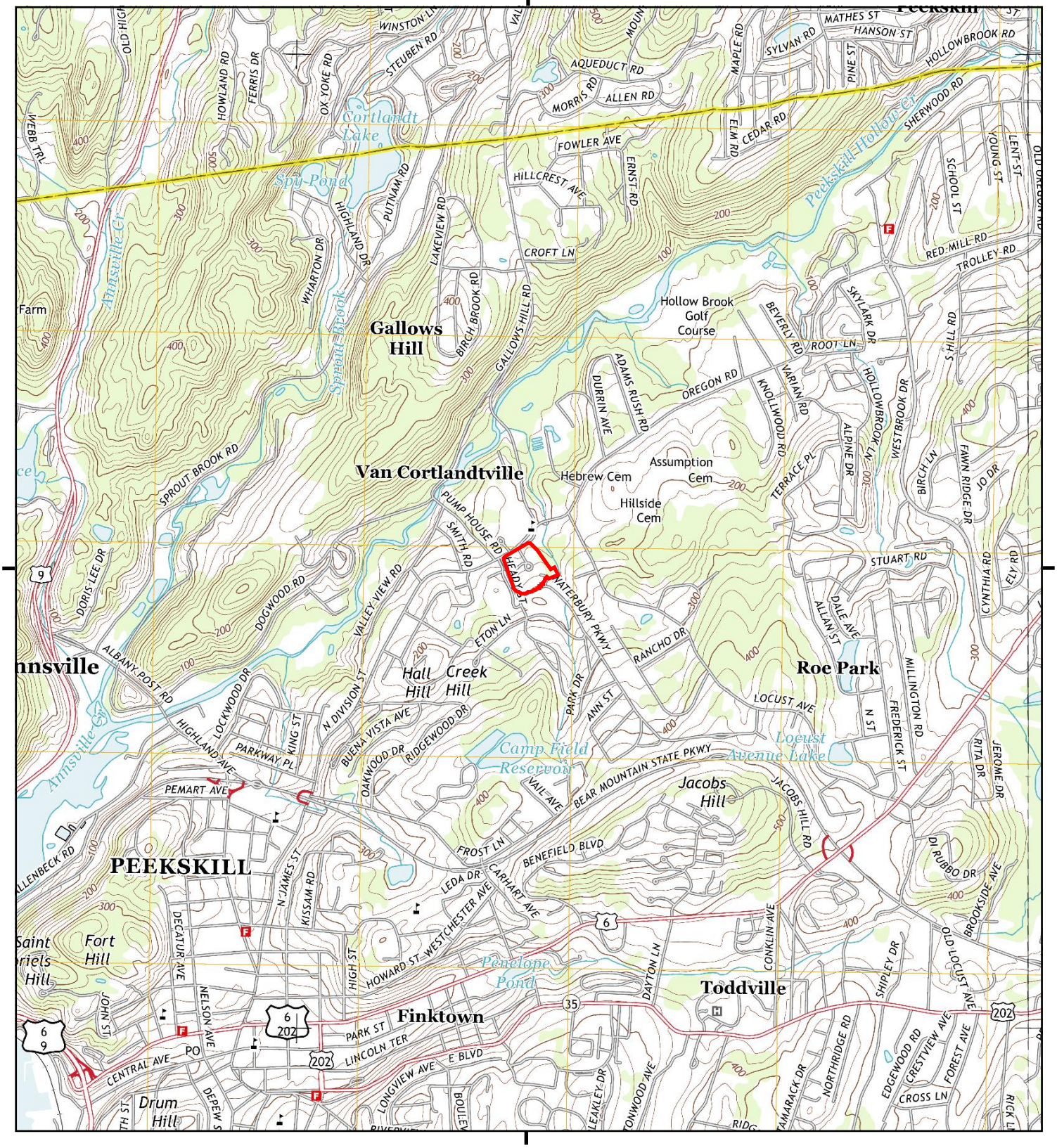


West Point
1894
15-minute, 62500

1892 Source Sheets



West Point
1892
15-minute, 62500



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

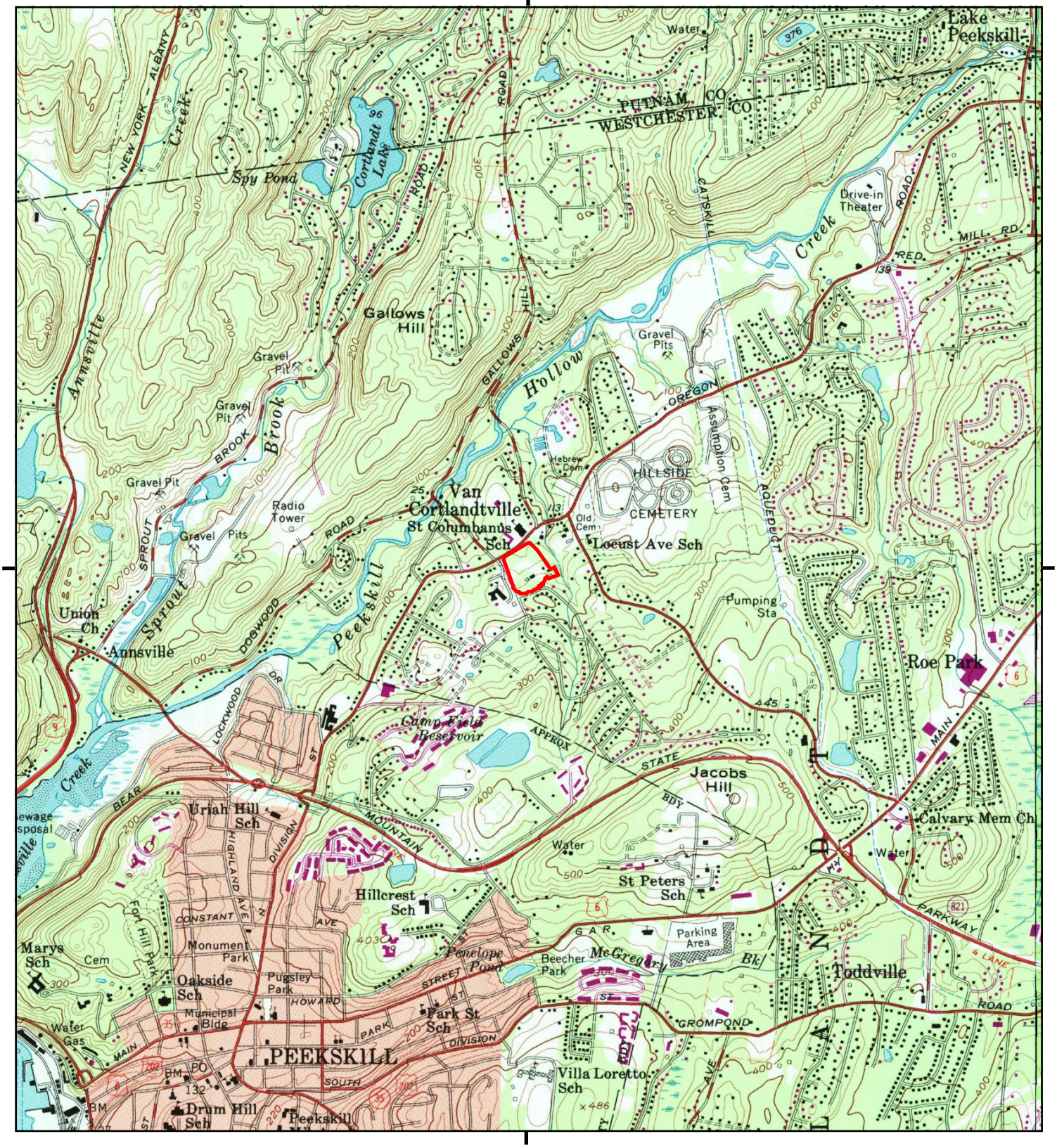
TP, Peekskill, 2013, 7.5-minute
E, Mohegan Lake, 2013, 7.5-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N

Historical Topo Map

1981



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

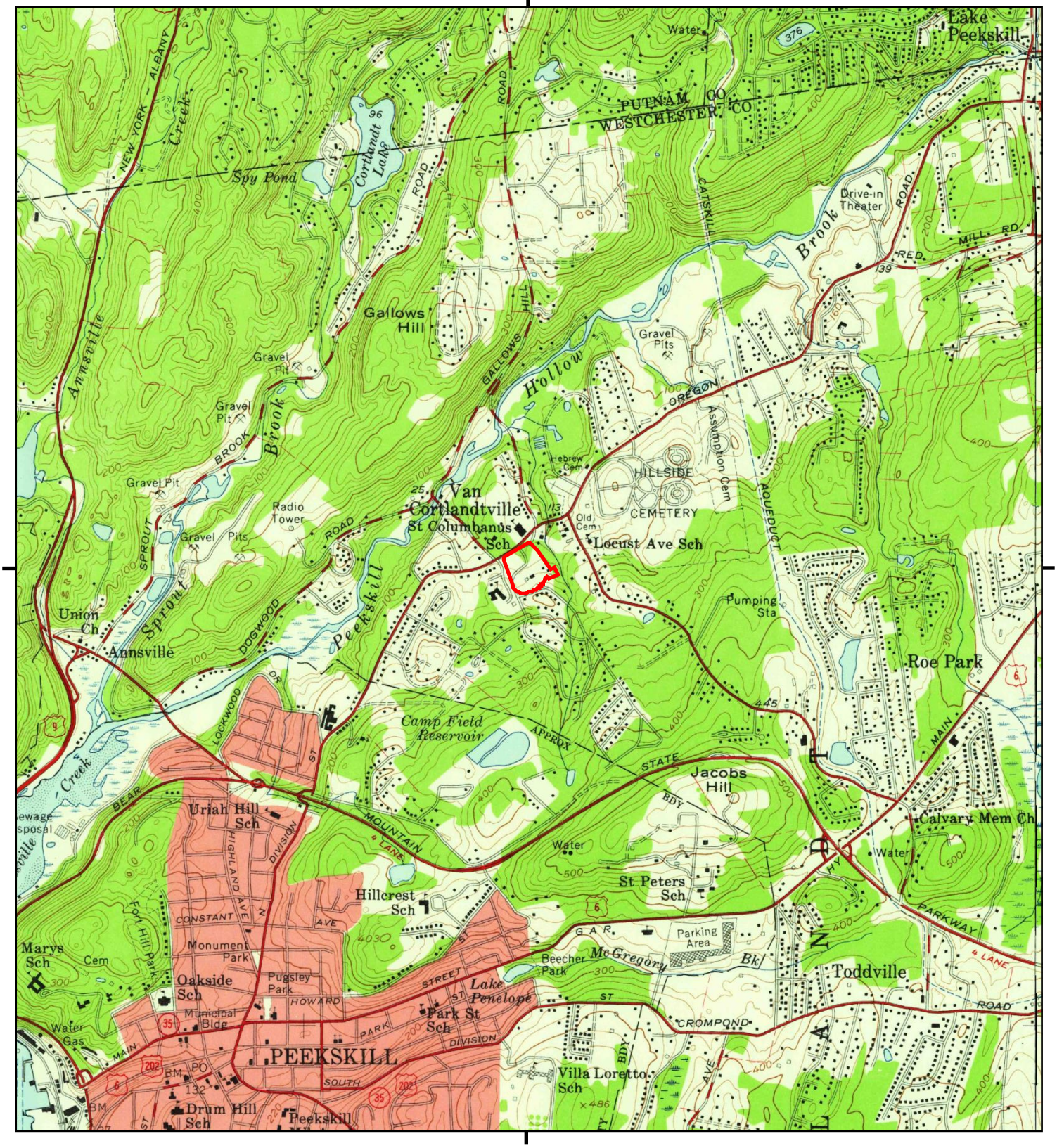
TP, Peekskill, 1981, 7.5-minute
E, Mohegan Lake, 1981, 7.5-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N

Historical Topo Map

1956, 1957



This report includes information from the following map sheet(s).

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W E
SW S SE

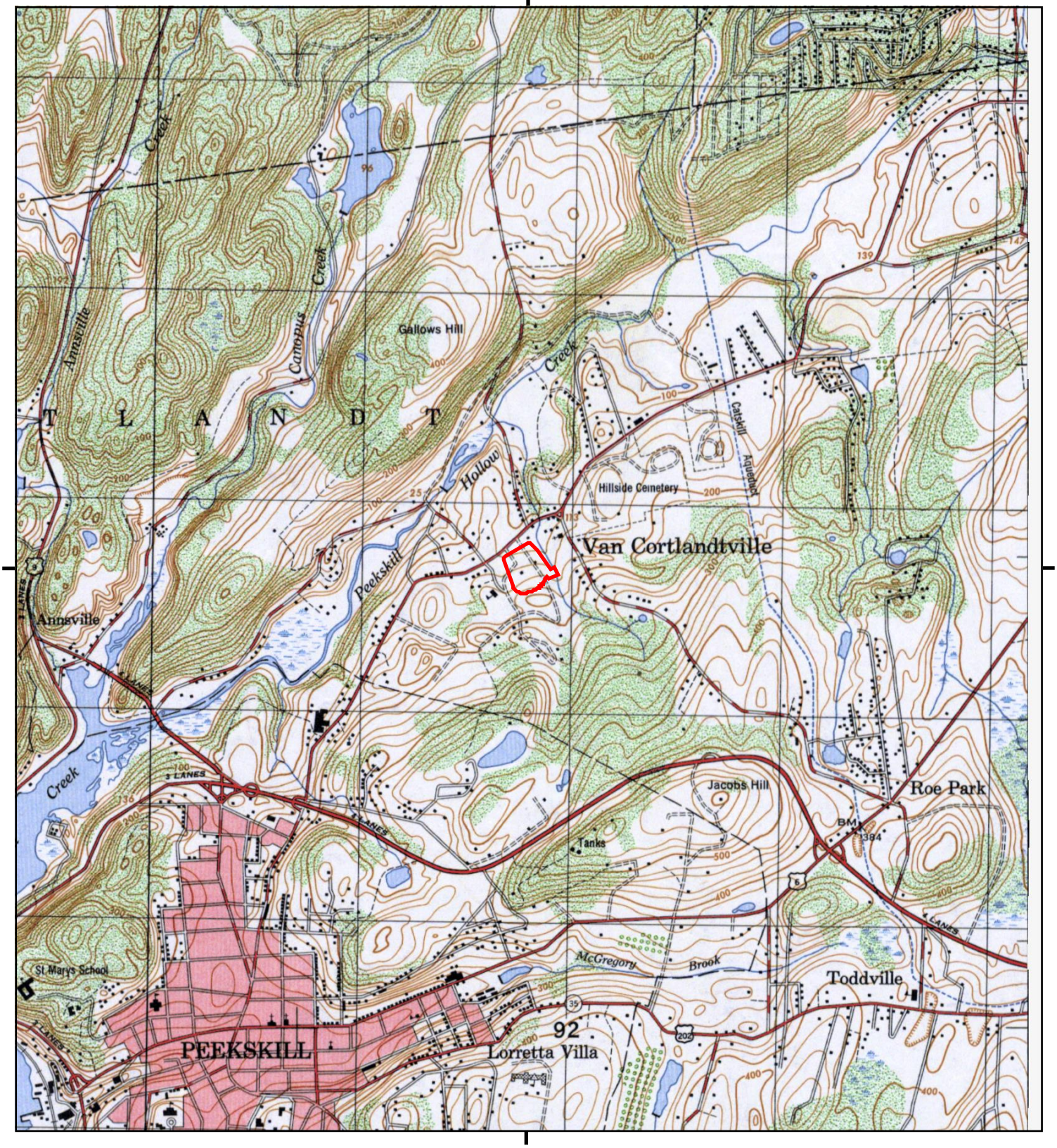
TP, Peekskill, 1957, 7.5-minute
E, Mohegan Lake, 1956, 7.5-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N

Historical Topo Map

1950



This report includes information from the following map sheet(s).

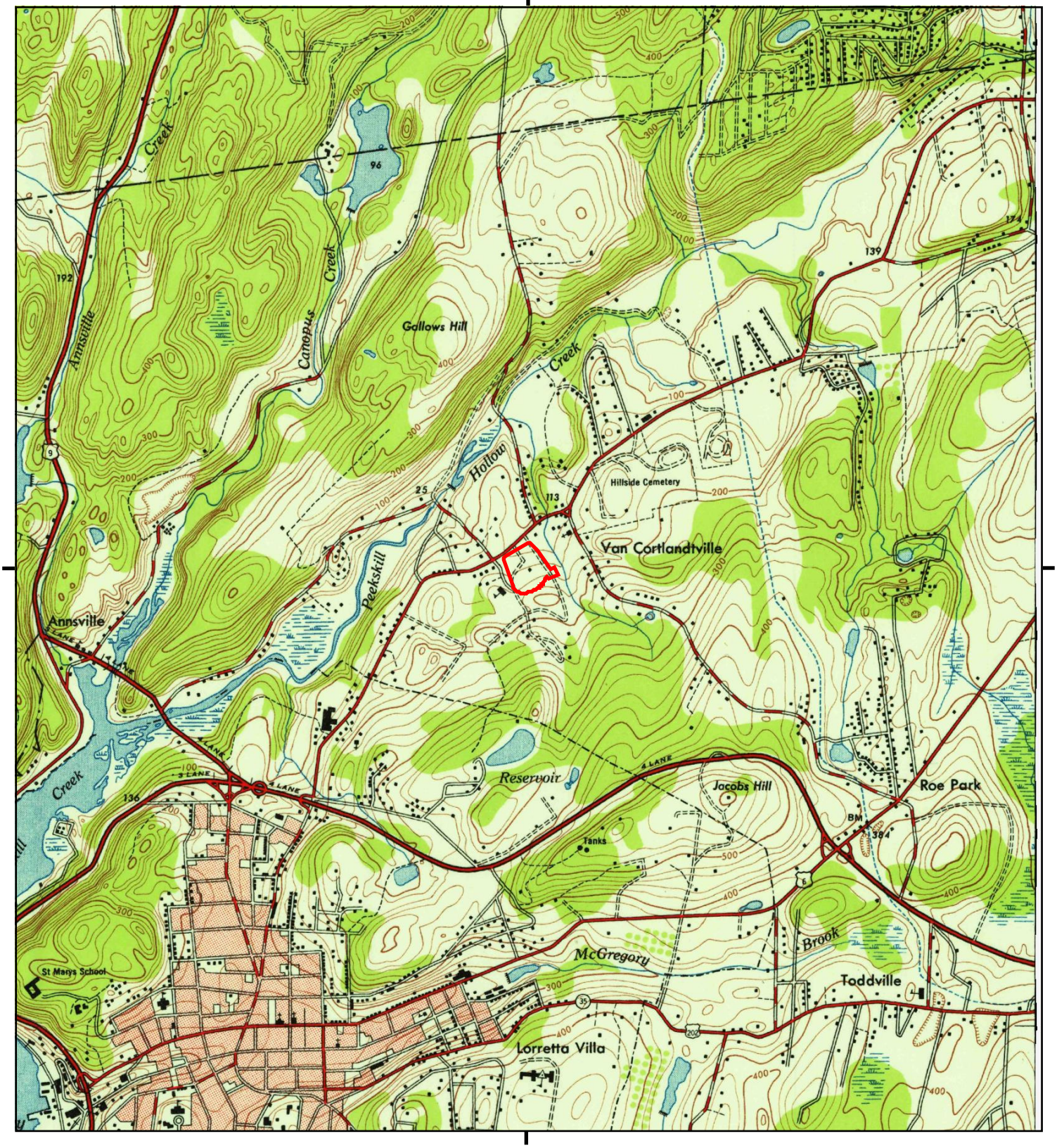
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, PEEKSKILL, 1950, 7.5-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N



This report includes information from the following map sheet(s).

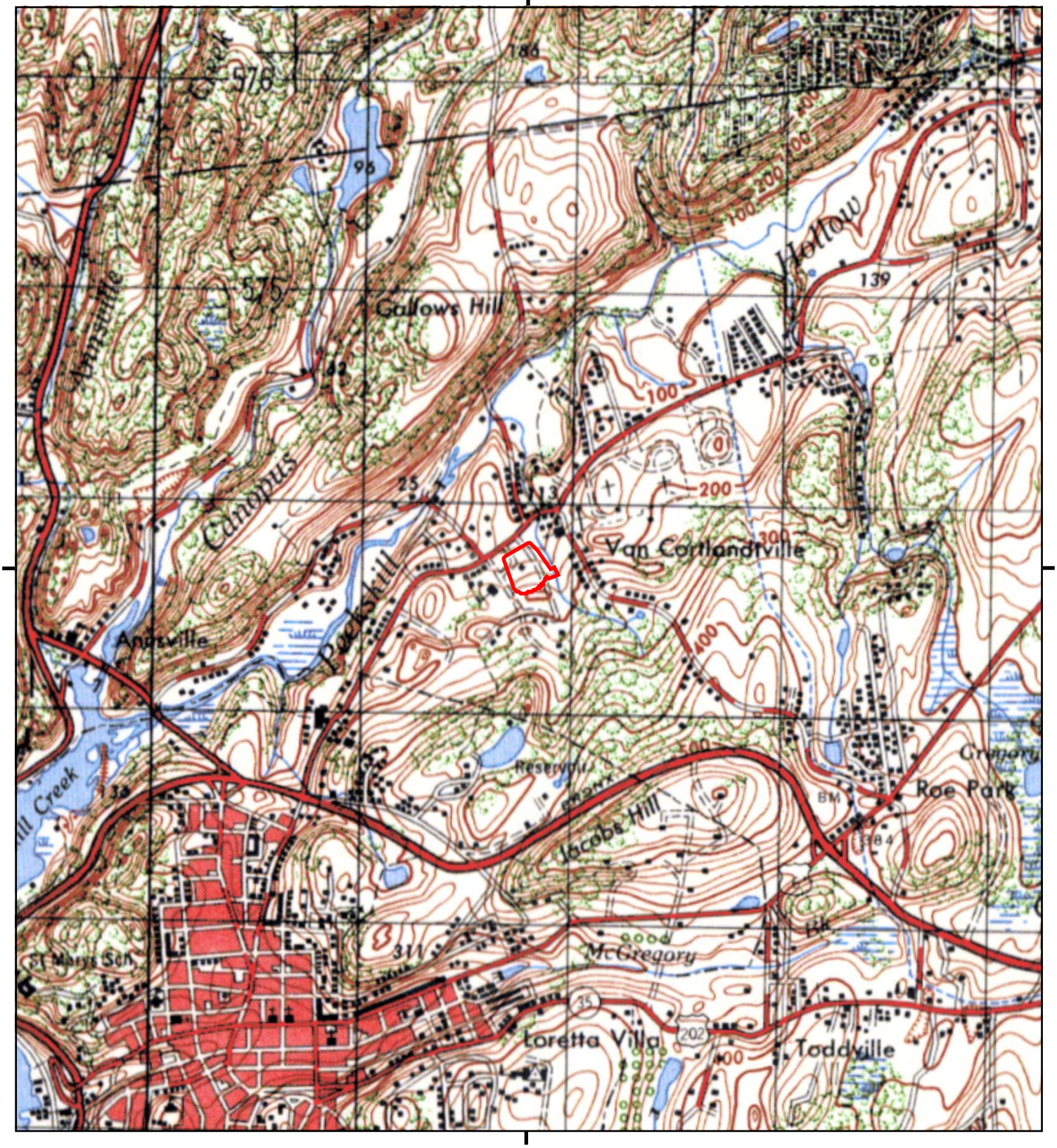
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Peekskill, 1947, 7.5-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

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

TP, WEST POINT, 1946, 15-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

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

TP, West Point, 1941, 15-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N



This report includes information from the following map sheet(s).

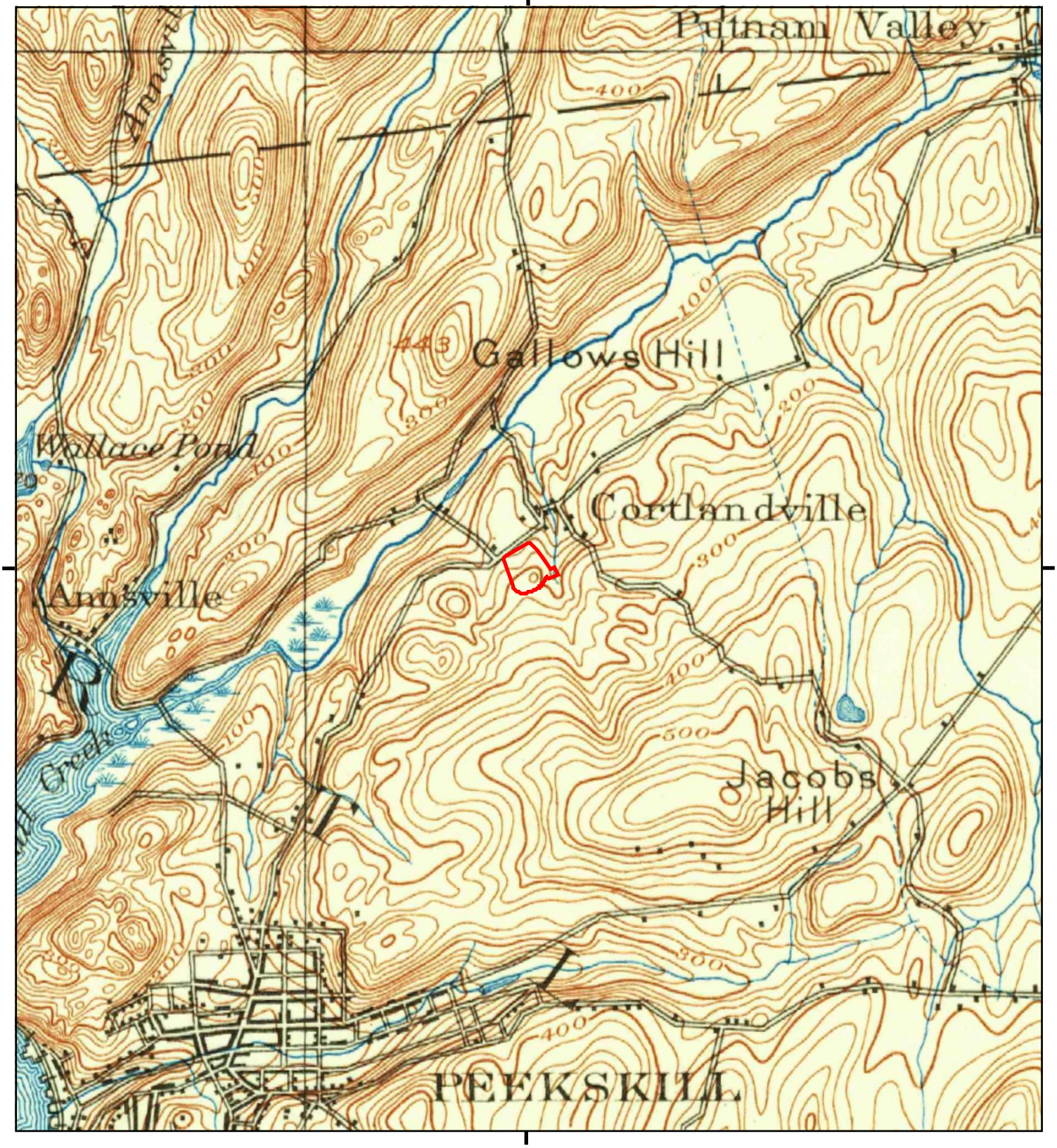
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1936, 15-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N



This report includes information from the following map sheet(s).

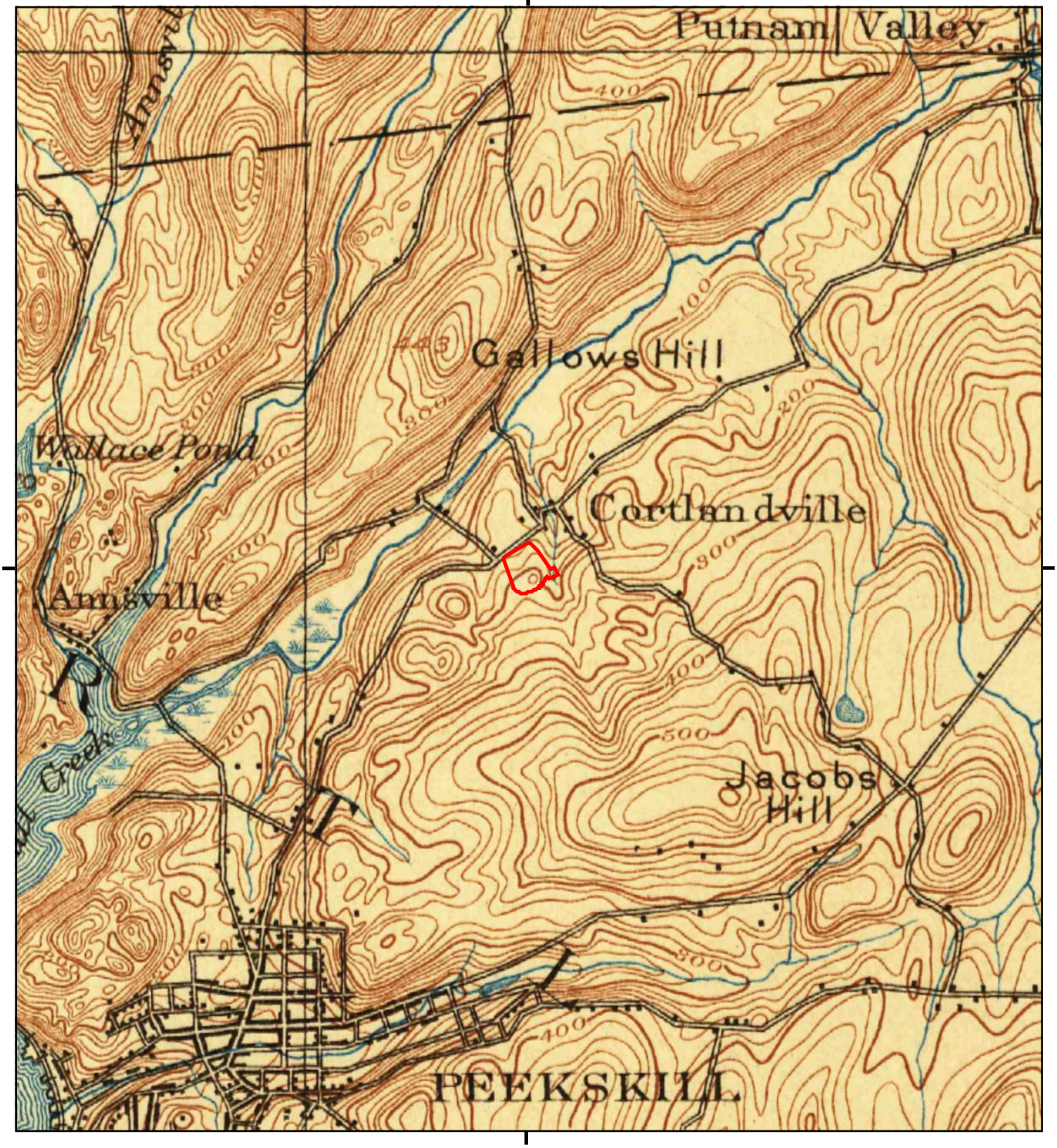
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1901, 15-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N



This report includes information from the following map sheet(s).

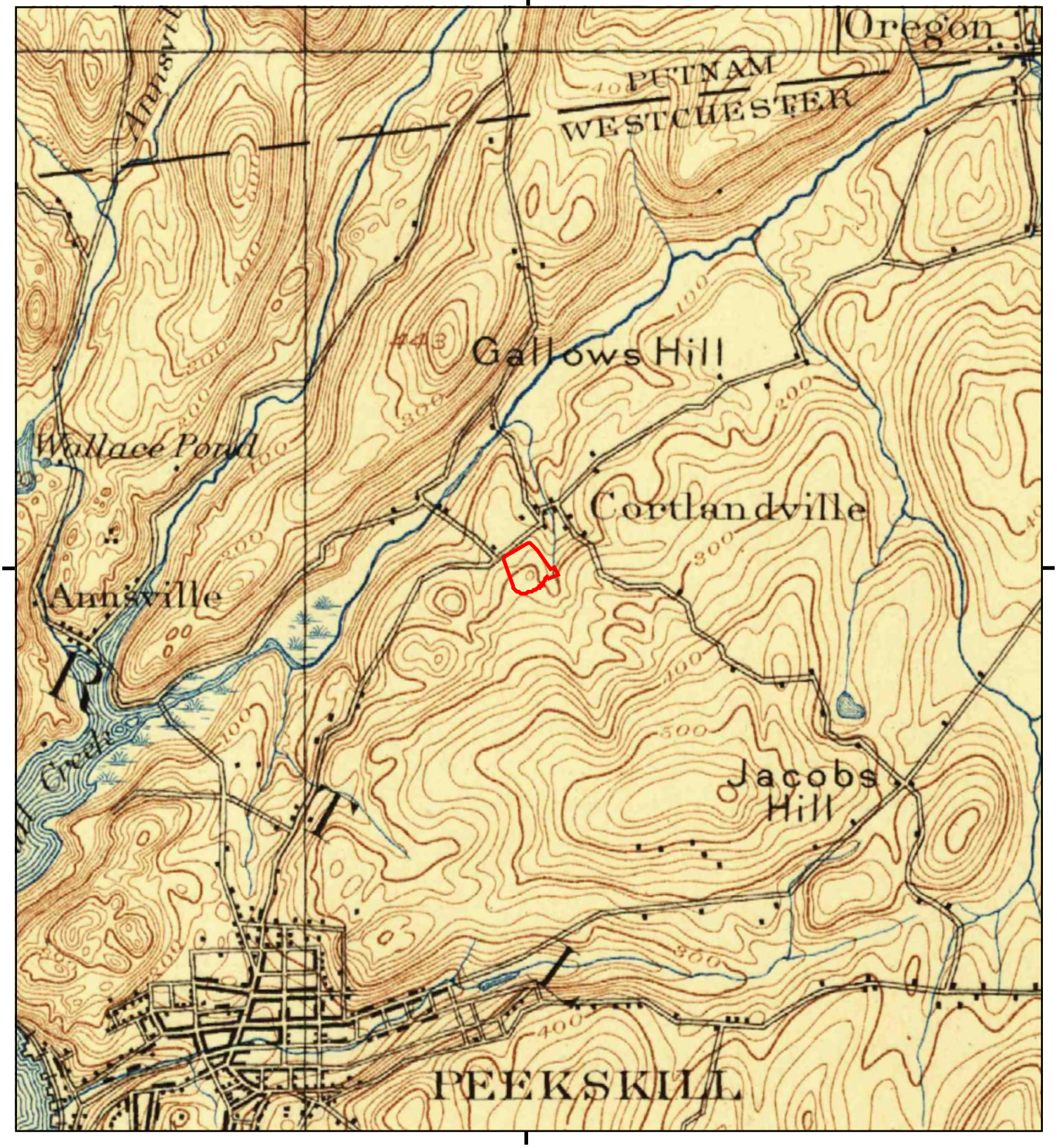
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1899, 15-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N



This report includes information from the following map sheet(s).

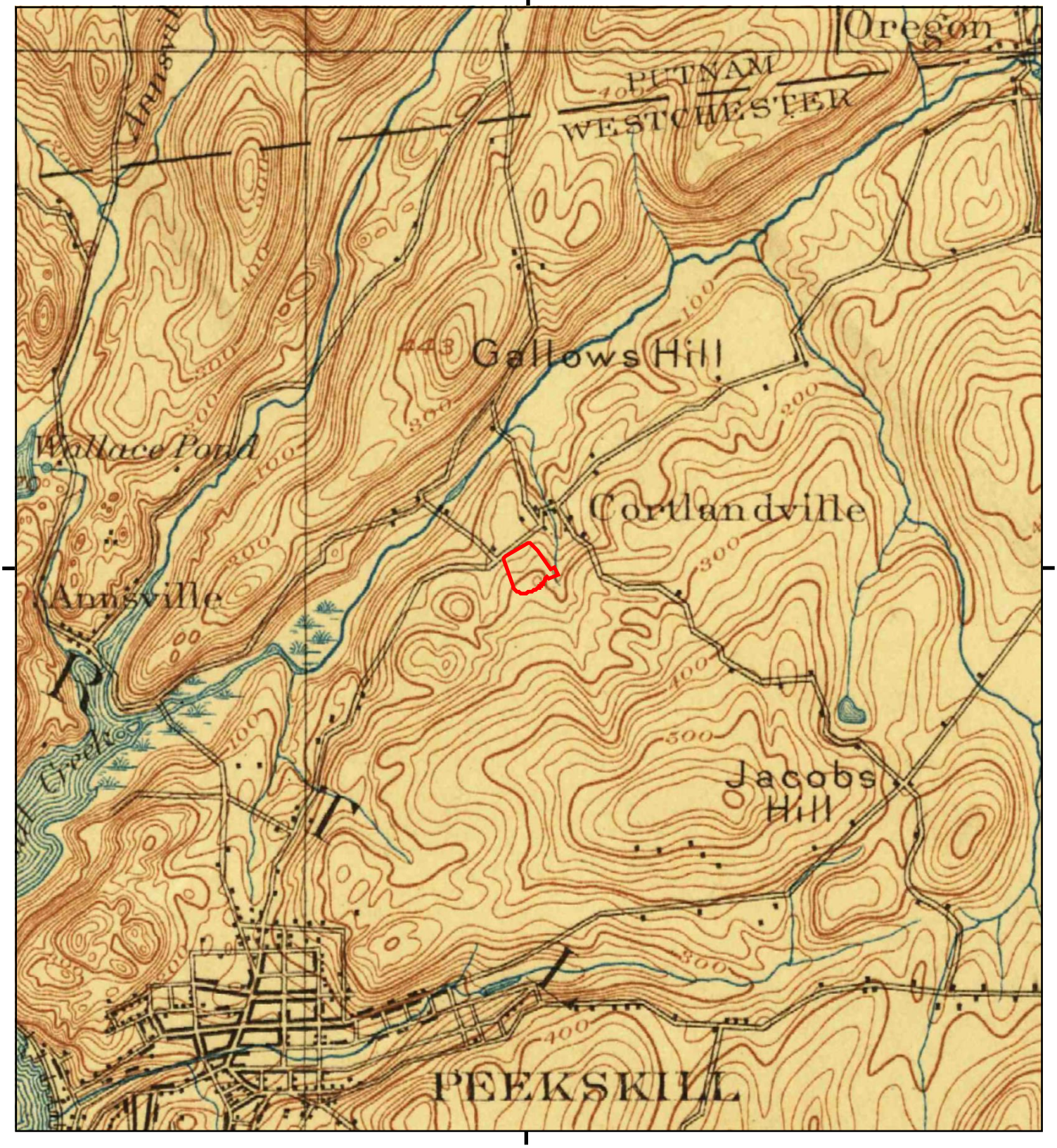
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1894, 15-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

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

TP, West Point, 1892, 15-minute

SITE NAME: 119 Oregon Road Multifamily Developme
ADDRESS: 119 Oregon Road
Cortlandt Manor, NY 10567
CLIENT: French & Parrello Assoc., P.A.

N

119 Oregon Road Multifamily Development
119 Oregon Road
Cortlandt Manor, NY 10567

Inquiry Number: 6286811.5
December 04, 2020

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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City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

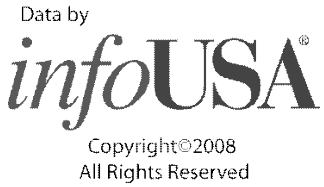
DESCRIPTION

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
1987	☑	☐	Cole Criss-Cross Directory
1982	☑	☐	Cole Criss-Cross Directory
1977	☑	☐	Cole Criss-Cross Directory
1972	☑	☐	Cole Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

119 Oregon Road
Cortlandt Manor, NY 10567

Year	*CD Image*	*Source*
OREGON RD		
2017	pg A2	EDR Digital Archive
2014	pg A4	EDR Digital Archive
2010	pg A6	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A10	EDR Digital Archive
1995	pg A12	EDR Digital Archive
1992	pg A13	EDR Digital Archive
1987	pg A15	Cole Criss-Cross Directory
1982	pg A16	Cole Criss-Cross Directory
1977	pg A17	Cole Criss-Cross Directory
1972	pg A18	Cole Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2017

1	GUEKJIAN, ZAREH S
9	SAX, MINDY B
11	PUGLIA, ANTHONY J
21	HARRISON, ANTOINE
22	KARWACKI, KRISTEN
23	RAPPAPORT, STEVEN J
24	BROWN, JAMES S
25	MILANI, FRANK V
26	AMUNDSEN, PAUL E
27	BARRY, LIZA
28	PEGRAM, LEVAR G
29	LAGATELLA, TOM R
30	PIEHLER, EDWARD D
34	DELLAQUILA, LARRY J
40	ANTONAZZO, ANTHONY B
58	MEDINA, ANTHONY L
59	DEFEO, ROBERT P
60	JACOBY, MICHAEL B
61	HUBA, FRANCIS M
62	STERNAGEL, MARC
64	EISEN, KAITLYN A
67	COZZI, UMBERTO
69	DUTEAU, MATTHEW D
70	FEDERIGHI, RENO M
71	MAZURKIEWICZ, CHRISTOPHER J
74	HORSFIELD, CRAIG M
76	POTTS, KATHERINE M
78	LOVELL, MARCUS
80	MACCHIA, ANTHONY N
82	CASEY, ROSALEEN F
84	MENDITTO, KIMBERLY
96	96 OREGON ROAD CORP
	HIGHRANGE FUELS INC
97	JOSE, LAJAN
	RIVERA, MILAGROS A
	SMITH, FELICIA A
	SMITH, GREGORY L
101	VARGULICK, GEORGE M
105	HAWKINS, DENNIS J
110	CORTLANDT HEALTHCARE
111	TOWN OF CORTLANDT
119	COLONIAL TERRACE
123	SEVENTHDAY AVENTIST CHURCH
	ST COLUMBANUS SCHOOL OF RELIGION CCD
124	COLUMBANUS CHURCH ST
126	RADOCAJ, TOM J
127	RYBACK, HENRY A
128	LIGUORI, VINCENT A
129	SANTIAGO, IVAN
130	TOMLINSON, LIAM

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2017 (Cont'd)

132	CHRISTIAN, DAVID C
134	CORONA, JUAN P
1018	HILLSIDE MEMORIALS
1026	VANHAGEN, PAUL F
1028	ROSS, JOSEPH M
1030	POLANCO, ALBERT J
1033	CORTLANDT CEMETERY ASSN
1040	BONDRA, ERIKA M
1050	RELIABLE LEARNING
1055	ANDERSON, JESSE
1057	ANDERSON, DAVID M
1060	EMPIRE GOLF
1062	CURTS HOMESTEAD FARM
	OCS CHEMICAL ENGINEERING
	SHOREIKAN KARATE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2014

1	GUEKJIAN, ZAREH S
3	OCCUPANT UNKNOWN,
9	SAX, KENNETH M
21	HARRISON, ANTOINE
22	KARWACKI, KRISTEN
23	RAPPAPORT, STEVEN J
24	BROWN, JAMES S
25	MILANI, FRANK V
26	AMUNDSEN, PAUL E
27	BARRY, LIZA
28	PEGRAM, LEVAR G
29	OCCUPANT UNKNOWN,
30	PIEHLER, EDWARD D
31	SANTORO, BARBARA L
34	DELLAQUILA, LARRY J
40	ANTONAZZO, ANTHONY C
56	OCCUPANT UNKNOWN,
58	MEDINA, ANTHONY L
59	DEFEO, ROBERT P
60	TORENA, DANIEL
61	HUBA, FRANCIS M
62	STERNAGEL, MARC
64	MILANO, ANGELO
67	COZZI, CATHERINE
69	DUTEAU, MATTHEW D
70	FEDERIGHI, RENO M
71	MAZURKIEWICZ, CHRIS J
72	ROGRS, CLIFFORD
74	HORSFIELD, CRAIG M
76	POTTS, KATHERINE M
78	LOVELL, MARCUS
	SERRANO, PEDRO A
80	MACCHIA, ANTHONY N
82	CASEY, THOMAS F
	ENDO, AKIO E
84	JOHNSON, KIMBERLY A
96	96 OREGON ROAD CORPORATION
	HIGHRANGE FUELS INCORPORATED
97	LAGEN, JOSE
	OCCUPANT UNKNOWN,
	RIVERA, CARLOS H
	SMITH, GREGORY L
	THOMAS, CHANDHU
99	DESALVO, NIKKI
	VALENTE, F
101	VARGULICK, GEORGE M
103	LUCIANO, MICHAEL A
110	CORTLANDT HEALTHCARE
111	TOWN OF CORTLANDT
118	FREE, CLIFFORD

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2014 (Cont'd)

119	COLONIAL TERRACE BANQ FAC
123	PEEKSKILL SEVENTH DAY ADVENTIST MISS
	ST COLUMBANUS SCHOOL OF RELIGION CCD
124	ST COLUMBANUS CHURCH
125	RADOCAJ, THOMAS J
126	RADOCAJ, TOM J
127	RYBACK, HENRY A
128	LIGUORI, VINCENT A
129	OCCUPANT UNKNOWN,
	SANTIAGO, IVAN
130	TOMLINSON, LIAM
132	CHRISTIAN, DAVID C
1018	HILLSIDE MEMORIALS
1020	HANNER, GEORGE P
1026	VANHAGEN, PAUL F
1028	ROSS, JOSEPH M
1030	POLANCO, EDWIN
1033	CORTLANDT CEMETERY ASSOCIATION OFFIC
1040	TAYLOR, MARK P
1048	RIGHETTI, MICHAEL R
1050	RELIABLE CHILD CARE INCORPORATED
	RELIABLE LEARNING
1055	ANDERSON, JESSE
	ASSUMPTION CEMETARY
1057	ANDERSON, DAVID T
1060	EMPIRE GOLF
1062	CURTS HOMESTEAD FARM
	OCS CHEMICAL ENINEERING
	SHOREIKAN KARATE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2010

1	GUEKJIAN, ZAREH S
3	OCCUPANT UNKNOWN,
5	OCCUPANT UNKNOWN,
9	SAX, MINDY B
11	PUGLIA, ANTHONY
21	HARRISON, WALLY R
22	OCCUPANT UNKNOWN,
23	RAPPAPORT, STEVEN J
24	BROWN, JAMES S
25	MILANI, FRANK V
26	AMUNDSEN, PAUL E
27	DEAK, FRANK
28	BOOTHE, CHANDRA Y
29	ARTMAN, DENNIS D
30	PIEHLER, BARBARA J
31	OCCUPANT UNKNOWN,
34	DELLAQUILA, LARRY J
40	OCCUPANT UNKNOWN,
56	OCCUPANT UNKNOWN,
58	MEDINA, ANTHONY L
59	DEFEO, ROBERT P
60	TORENA, DANIEL
61	HUBA, FRANCIS M
62	STERNAGEL, MARC
67	COZZI, CATHERINE
69	HAYES, JENNIFER A
70	FEDERIGHI, RENO M
71	MAZURKIEWICZ, CHRIS J
72	ROGERS, CLIFFORD J
74	HORSFIELD, CRAIG M
78	OCCUPANT UNKNOWN,
80	MACCHIA, ANN M
82	CASEY, ROSALEEN F
	ENDO, AKIO E
	JULIES LITTLE SCHOOL
	OCCUPANT UNKNOWN,
84	JOHNSON, KIMBERLY A
96	96 OREGON ROAD CORP
97	MASSA, AMI R
	OCCUPANT UNKNOWN,
	SMITH, GREGORY L
99	LOGIS, RICHARD J
101	VARGULICK, GEORGE M
103	OCCUPANT UNKNOWN,
110	CORTLANDT HEALTHCARE
	KRAFT, CATHERINE
118	FREE, CLIFFORD
119	COLONIAL TERRACE CATERERS
121	ZORN, JAKE A
122	NORTH AMERICAN MARTYRS CHAPEL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2010 (Cont'd)

122	ST COLUMBANUS CHURCH
	ST COLUMBANUS SCHOOL OF REL
125	RADOCAJ, THOMAS J
126	OCCUPANT UNKNOWN,
127	RYBACK, HENRY A
128	LIGUORI, VINCENT A
129	OCCUPANT UNKNOWN,
	SANTIAGO, IVAN
130	TOMLINSON, KAVITA
132	CHRISTIAN, DAVID C
134	CORONA, ALEX A
192	BEZ, HUGO A
1018	HILLSIDE MEMORIALS
1020	HANNER, CAROL A
1026	GAINES, BRIAN
1028	ROSS, JOSEPH M
1030	BRADLEY, DONALD E
1033	CORTLANDT CEMETERY ASSN
1040	OCCUPANT UNKNOWN,
1048	RIGHETTI, FRANK R
1050	INTERNATIONAL PRESCHOOL CTR
1055	ANDERSON, DAVID T
1060	EMPIRE GOLF
	HOLLOW BROOK GOLF CLUB
1062	CURTS HOMESTEAD FARM
	OCS CHEMICAL ENGINEERING CO
	PLANT HEALTH CARE SPECIALIST
	SHOREIKAN KARATE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2005

3	OCCUPANT UNKNOWN,
5	BORHO, JANE A
9	BRADFORD, DAVID
11	GALLAHER, DOROTHY
	PUGLIA, ANTHONY
	SHIELDS, SYNTHIA R
21	OCCUPANT UNKNOWN,
22	LOCKWOOD, JOHN L
23	MURPHY, DENIS H
24	SOBIER, THERESA S
25	MILANI, FRANK V
26	AMUNDSEN, PAUL E
27	DEAK, FRANK
28	CROFT, JILL J
29	OCCUPANT UNKNOWN,
30	PIEHLER, EMMERAM B
31	OCCUPANT UNKNOWN,
32	CROFT, WELFORD E
34	DELLAQUILA, LARRY
40	CHODKOWSKI, KENNETH
56	SPITZER, WILLIAM A
58	MEDINA, ANTHONY
59	DEFEO, ROBERT P
61	HUBA, FRANCIS M
67	COZZI, CATHERINE
68	IORIO, FORTUNATO E
69	ACUNA, NICHOLAS M
70	FEDERIGHI, RENO M
71	MAZURKIEWICZ, W
72	ROGERS, CLIFFORD J
74	HORSFIELD, CRAIG M
76	POTTS, JEFF D
78	LOVELL, MARCUS
	MORAN, ROSALIND
	OCCUPANT UNKNOWN,
	OUTLAW, HERONICA
	VENEZIA, JOHN E
80	MACCHIA, ANTHONY M
82	CASEY, ROSALEEN F
	ENDO, AKIO E
	JULIES LITTLE SCHOOL
	OCCUPANT UNKNOWN,
	VIEW TOPIA
84	JOHNSON, LINDA F
96	96 OREGON ROAD CORP
101	HILLSIDE MEMORIALS
	VARGULICK, GEORGE M
103	MCNALLY, BRIAN J
105	PRATT, NANCY J
109	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2005 (Cont'd)

110	CORTLANDT HEALTHCARE
	CORTLANDT NURSING CARE CENTER INC
	POVEROMO, EDITH M
118	FREE, CLIFFORD
121	ZORN, RICHARD S
122	SAINT COLUMBANUS CHURCH
	ST COLUMBINES
126	RADOCAJ, THOMAS J
127	RYBACK, HENRY A
128	LIGUORI, VINCENT A
129	MENDOZA, ADA M
	OCCUPANT UNKNOWN,
132	CHRISTIAN, DAVID C
134	CORONA, ALEX A
192	BEZ, HUGO A
195	ALTOMARE, THOMAS E
365	ENCORE CAPITAL CORP
1026	GAINES, BRIAN
1030	BRADLEY, DONALD E
1040	TAYLOR, MARK P
	WET AND WILD AQUARIUMS
1048	RIGHETTI, FRANK R
1055	ANDERSON, DAVID T
1060	EMPIRE GOLF
1062	O C S CHEMICAL ENGINEERING CO

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2000

5	ACOSTA, ROBERT
	HARDMAN, CHARLES
	VALENTINE, JANE
9	DEMICHELE, JOSEPH
	LEVY, JOEL
11	PUGLIA, ANTHONY
21	HARRISON, WALTER
22	LOCKWOOD, LYMAN S
23	ESPINEL, STELLA
24	SOBIER, THERESA
25	CAPPELLO, LAURA
27	DEAK, FRANK
28	CROFT, WELFORD
29	ARTMAN, DENNIS
30	PIEHLER, EMMERAM
31	TOOHEY, JAMES S
32	CROFT, WELFORD E
33	MARTIN, DONALD
34	DELLAQUILA, LARRY
40	CHODKOWSKI, B
56	SPITZER, WILLIAM A
58	BIRDSALL, LISA M
59	CAZEAU, MICHAEL P
61	HUBA, FRANCIS M
67	COZZI, UMBERTO
68	IORIO, F E
69	OCCUPANT UNKNOWN,
70	FEDERIGHI, RENO
71	MAZURKIEWICZ, W
72	ROGERS, C
74	HORSFIELD, CRAIG M
76	POTTS, EDWIN
78	GORGONZOLA, JAYE
	MCDONALD, KAREN A
	MORTON, ANNETTE
80	MACCHIA, ANN M
82	CASEY, THOMAS F
	ENDO, AKIO
84	JOHNSON, LINDA F
95	OCH, JOHN
99	KINCART, JOHN P
100	DOG GROOMING SCHOOL OF NY
	F N G CLEANERS LIMITED
	FLYING GOOSE CHILD NURTURING SPACE
101	VARGULICK, GEORGE
103	MCNALLY, BRIAN J
104	WHITNEY JANET
105	PRATT, NANCY
108	NOWAK, JOHN
109	NOWAK, JOHN A

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 2000 (Cont'd)

121	MESSENGERZORN, NANCY
123	PEEKSKILL SEVENTH DAY ADVENTIST MISSION
	ST COLUMBANUS SCHOOL OF RELIGION CCD
126	RADOCAJ, THOMAS
127	OCCUPANT UNKNOWN,
128	LIGUORI, VINCENT
129	LIGUORI, VINCENT A
130	CANNON, PAUL
132	CHRISTIAN, DAVID C
1026	MILKOVICS, JOHN
1028	MCINTYRE, THOMAS M
1030	HAYES, BRYAN E
1033	CORTLANDT CEMETERY ASSOCIATION OFFICE
1040	MICHAELSON, KURT T
	TAYLOR, MARK
1050	SOMERSTEIN, AURORA
1055	RICHARDS, C E
1060	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 1995

96	TONY'S HAPPY STOP DELI
100	FLYING GOOSE CHILD NURTURING SPACE
104	SNYDER, STEVEN E
	VAN CORTLANDT UPPER MANOR RETIREMENT RESIDENCE
	WHITNEY, JANET
	WINDHAM ASSOC
110	CORTLANDT NURSING CARE CENTER
	GARSON PERCY
119	COLONIAL TERRACE, CATRERS
122	ST COLUMBANUS SCHOOL
123	PEEKSKILL SEVENTH DAY ADVENTIST MISSION
	ST COLUMBANUS SCHOOL OF RELIGION, CCD OFFICE
129	HORIZON PLUMBING & HEATING
	KATHY'S BARGAINS FROM A TO Z
1033	CORTLANDT CEMETERY ASSN, OFC
1050	INTERNATIONAL PRESCHOOL CENTER
1060	BILL GESSON & CO
	DAM-FINO CONSTR CO INC
	JAMISON, WILLIS, GENL CONTR
1062	CURT'S HOMESTEAD FARM
	HOMESTEAD DELI
	HOMESTEAD FLORIST
	O C S CHEMICAL ENGINEERING CO
	SHOREI-KAN KARATE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 1992

3	ESTROW, IRA
9	LEVY, JOEL
22	LOCKWOOD, LYMAN S
23	DELUCA, MICHAEL J
24	SOBIER, CHAS
26	AMUNDSEN, P
27	DEAK, FRANK
29	ARTMAN, DENNIS
	ARTMAN, JUANITA
30	PIEHLER, EMMERAM
32	CROFT, WELFORD E, JR
33	MARTIN, DONALD
34	BAUER, GIL & LISA
40	CHODKOWSKI, BROWNELL
56	VAN VUGT, ROBERT E
58	PUCKHAFER, CHARLOTTE E
59	LATELLA, F SKIP
61	HUBA, FRANCIS M
66	PERRELLE, NICHOLAS J
67	COZZI, UMBERTO
68	IORIO, F EMILE
70	FEDERIGHI, R J
71	D'APICE, M
	MAZURKIEWICZ, W
72	LOCHTEFELD, JOHN F
74	KINCART, JOHN P
76	POTTS, EDWIN
78	MC IVER, JACQUELINE
	MCDONALD, KAREN A
80	NUNEZ, GUSTAVO
	SANTANA, SUSANA
82	CASEY, THOMAS F
	ENDO, AKIO
84	JOHNSON, LINDA F
95	CROSS CREEK VAN CORTLANDTVILLE
100	FLYING GOOSE CHILD NURTURING SPACE
101	VARGULICK, GEORGE
103	MCNALLY, BRIAN J
104	SNYDER, STEVEN E
	WINDHAM ASSOCS
108	NOWAK, JOHN
110	AUFIERO, KATHERINE R
	BROADWIN, S
	BROWN, MARY
	BRUNELLI, A
	COOPERSTEIN, H
	CORTLANDT NURSING CARE CENTER
	DIAMOND, IRVING
	EISLER, LOUISE
	FAULHABER, WILLA

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

OREGON RD 1992 (Cont'd)

110	FEHRMANN, M
	GARSON PERCY
	GUARDINO, ANTHONY
	IGNATIK, MIRIAM A
	KIMLER, ANDREW W
	LOIODICE, CATALDO & ANGELINA
	MAHONEY, MADELINE
	MALDONADO, ADELE
	MARAIA, LILLIAN
	MARKEY, R
	MEALEY, FRANCES K
	METZLER, BERTHA
	O'NEILL, MARGARET
	PAPE, V
	SCHULTZ, LILLIAN
	SEASTRAND, CARL
	SMITH, NELLIE
	SPRADO, HENRY
	STERLING, WINNIFRED C
	STRAND, A
	WALTER, BEATRICE
	WIESENBERG, H
121	PALMER, EDWARD, JR
122	ST COLUMBANUS SCHOOL
123	PEEKSKILL SEVENTH DAY ADVENTIST MISSION
	ST COLUMBANUS SCHOOL OF RELIGION, CCD OFFICE
124	ST COLUMBANUS CHURCH, RCTRY
127	DECKER, HARRY
128	LIGOURI, STACEY
	LIGUORI, VINCENT
130	PURDY, SCOTT & TERRY
132	CHRISTIAN, DAVID C
134	VOGT, JAMES
1020	HANNER, GEORGE P
1030	BRADLEY, DONALD
1033	CORTLANDT CEMETERY ASSN, OFC
1040	LIVELY, CRAIG
	SPANO, ELAINE
1050	INTERNATIONAL PRESCHOOL CENTER
1060	BILL GESSON & CO
	CURRY, KENNETH
	GESSON, JOHN
1061	BECKER, FRED P
1062	CURT'S HOMESTEAD FARM
	HOMESTEAD FLORIST
	INTERFACE APPLICATIONS INC
	SHOREI-KAN KARATE
	STARVIEW INTERNATIONAL CONSTRUCTION CORP

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

OREGON RD 1987

OREGON RD 10566

Peekskill PO

1– END CT 147.01 $D..B 2

3	Ira Estrow	.71	739–7838
5	Lloyd F Conklin	.74	737–4163
7	A B Bruder	.84	739–3354
9	G G Hughes	.78	739–6742
22	Lyman S Lockwood	.71	739–0921
23	Michael J Deluca	.83	739–1833
24	Charles Sobier	.61	737–2713
25		NP	
26	Leo R McKeon	.85	736–1561
	Theresa A McKeon	.85	736–1561
27	Frank Deak	.76	737–3110
29	Dennis Artman	.78	737–8216
30	Emmeram Piehler	.69	739–4624
31		NP	
32	W E Croft Jr	.62	739–5902
33	Donald Martin	.65	739–2850
34	K T Oetjengerdes	.78	739–1970
40	B Chodkowski	.84	739–7491
56	Robert E Vanvugt	.84	739–4491
58	Susan Waller	.84	739–8911
59	Richard E Rodgers	.63	737–3684
61	Francis M Huba	.73	739–3784
66	N J Perrelle	.69	737–4856
67	Umberto Cozzi	.61	737–0573
68	F Emile Iorio	.83	739–1672
69	Henry Bruhl	.63	739–0999
70	Donna Federighi	.84	737–1367
	R J Federight	.66	737–3136
71	M Dapice	–	739–3079
72	John F Lochtefeld	.66	739–5262
74	John P Kincart	¤	736–1316
76	Edwin Potts	.79	739–8429
78	Karen A Smith	.83	739–1368
80	Akio Endo	¤	739–6754
82	Thomas F Casey	.76	739–2446
	★ **Caseys TV Svce**	**.84**	**739–2422**
84	Mrs L F Johnson	.79	737–6175
90		NP	
95	T F King	.83	737–4060
96	★ **Happy Stop Deli**	**.84**	**737–0728**
100	★ **Flying Goose Nurtr**	**.78**	**739–5100**
101	George Vargulick	.66	739–0737
103	G McNally	.84	739–1317
105	Jerome Doherty	.72	737–3854
108	John Nowak	.83	737–8840
110	Martha Abrams	.83	736–0357
	Kath R Aufiero	–	737–7182
	Jenny Barry	¤	739–6056
	George Comer	–	739–4054
	★ **Cortlandt Nrsg Cre**		**739–9150**
	Irving Diamond	.82	737–9197
	Percy Garson	.67	739–9150
	Aida Goldfarb	–	736–1974
	Al Hefner	.85	739–1140
	Henriette R Karash	.85	739–5916
	R Markey	.84	739–7566
	Julia McElroy	¤	737–8326
	Frances K Mealey	.83	736–0253
	Hattie Schnall	¤	736–6324
	Fred A Sprado	¤	736–2202
121	Edward Palmer Jr	.75	737–0365
122	★ **St Columbanus Schl**		**739–1200**
123	James Burke	¤	737–2204
	★ **St Columbanus Chrc**		**737–4705**
	★ **St Columbns Schl**		**739–2441**
126		NP	
127	Harry Decker	.67	739–1415
128	Vincent Liguroi	.73	739–5708
129	★ **Military Spclst Co**	**.79**	**739–2097**
130	Greg Kiracofe	.84	736–0749
132	David C Christian	.74	737–3036
1020	1026	NP	
1030	Donald Bradley	–	737–1152
1033	★ **Cortldt Cmtry Assn**	**.72**	**737–2929**
1040	Elaine Spano	–	736–2016
	Erin Spano	¤	737–6578
1050	★ **Dr Ashok Soni**	**.85**	**737–6600**
1055		NP	
1060	★ **Bill Gesson&Co**	**.84**	**737–7778**
	Alexander K Newton	.79	739–6844
	Michael R Shay	.85	739–0130
1061	Fred P Becker	.75	528–3782
1062	★ **Curts Hmstd Farm**	**.84**	**736–0506**
1063	★ **Franciscan Sisters**	¤	**528–1845**
1067	Louis F Mackey	.69	528–8001
1070	William Gilbon	.71	528–2931

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

OREGON RD 1982

OREGON RD 10566
Peekskill PO
1- END TZ 14701 $B..B 9
087450

3 Ira Estrow 71 739-7838
5 Lloyd F Conklin 74 737-4163
7 .....NP
9 Philip G Bleakley .....¤ 739-1496
G G Hughes 78 739-6742
22 Lyman S Lockwood 71 739-0921
23 Mrs Ellen King 79 739-6276
24 Charles Sobier 737-2713
25 Joseph D Badolato 79 739-4588
26★Leo J McKeon Ins 739-1467
★L J McKeon Auto 739-1467
27 Frank Deak 76 737-3110
29 Dennis Artman 78 737-8216
30 Emmeram Piehler 69 739-4624
31 .....NP
32 W E Croft Jr 739-5902
33 Donald Martin 739-2850
34 K T Oetengerdes 78 739-1970
40 Clifton Miller 739-1394
56 .....NP
58 Joseph E Finnigan 737-1523
59 Richard E Rodgers 63 737-3684
61 Francis M Huba 73 739-3784
66 N J Perrelle 69 737-4856
67 Umberto Cozzi 737-0573
68 John R Pettit 739-1841
69 Henry Bruhl 739-0999
70 R J Federight 66 737-3136
Reno Federighi Jr 78 737-3651
71 .....NP
72 John F Lochtefeld 66 739-5262
74 .....NP
76 Edwin Potts 79 739-8429
78★It Figures Bdy Std ....¤ 737-8881
M R Wright .....¤ 737-0060
80 .....NP
82 Thomas F Casey 76 739-2446
84 Mrs L F Johnson 79 737-6175
90 .....NP
95★Burmak Nurseries 737-4060
Theodore F King 737-4060
96★Henrys Happy Stop 737-0728
100★Flying Goose Nurtr 739-5100
101 George Vargulick 66 739-0737
George Vargulick 66 739-5454
103 C McNally 77 739-1317
105 Jerome Doherty 72 737-3854
108 Dominick Montano 79 739-4213
110★Cortlandt Nrsg Cre 739-9150
Percy Garson 67 739-9150
★Westchstr Rockld .....- 739-3635
121 Edward Palmer Jr 75 737-0365
122★St Columbanus Schl 739-1200
123★St Columbanus Chrc ... 737-4705
★St Columbns Schl 739-2441
126 Michael J Mickell 737-3233
127 Harry Decker 67 739-1415
128 Vincent Liguroi 73 739-5708
129★Military Spclst Co 739-2097
130 Ronald Wood 79 739-2070
132 David C Christian 74 737-3036
1020 George P Hanner 73 739-7992
1030 Robert E Bradley 739-5254
1033★Cortldt Cmtry Assn 737-2929
1040 Mrs E Wadwanski .....- 739-7467
1050 Ernest M Conklin 73 737-0693
1055 .....NP
1060 Alexander K Newton 79 739-6844
1061 Fred P Becker 75 528-3782
1063 .....NP
1067 K A Mackey 74 528-4275
Louis F Mackey 69 528-8001
1070 William Gilbon 528-2931
1071★Jehovahs Witnesses 528-2715
1075 Eric Schrull 76 528-4151
1076 J C Maietta .....- 528-4907
K Warnock .....¤ 528-5368
1084 C Paglia 74 528-2071

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

OREGON RD 1977

OREGON RD 10566

Peekskill PO

1- END TZ14701 SE..B 9

3	Ira Estrow	1	739-7838
5	Lloyd F Conklin	4	PE7-4163
7	C A Sansone	4	737-8874
9	Thomas H Hughes	3	739-6742
22	Lyman S Lockwood	1	739-0921
23	Al King	9	739-6276
24	Charles Sobier		737-2713
25		NP	
26	**★Leo J McKeon Ins**		**PE9-1467**
	★L J McKeon Auto		**PE9-1467**
27	Frank Deak	¤	737-3110
29	B R Campbell	8	737-3524
30	Emmeram Piehler	9	739-4624
31	Kenneth Holmes	7	PE7-4193
32	W E Croft Jr		739-5902
33	Donald Martin		PE9-2850
40	Clifton Miller		739-1394
56		NP	
58	Joseph E Finnigan		737-1523
59	Richard E Rodgers		737-3684
61	Francis M Huba	3	739-3784
66	N J Perrelle	9	737-4856
67	Umberto Cozzi		737-0573
68	John R Pettit		PE9-1841
69	Henry Bruhl		PE9-0999
70	R J Federight		737-3136
	★National Septc Ser		**737-7890**
71	George L Rushforth		737-3220
72	John F Lochtefeld		739-5262
74		NP	
76	Frederick J Spaeth		737-1873
78	Floyd Wright	9	737-0060
80		NP	
82	Thomas F Casey	–	739-2446
84	Dennis Dempsey	4	739-5233
90		NP	
95	**★Burmak Nursies**		**PE7-4060**
	Theodore F King		PE7-4060
96	**★Henrys Happy Stop**	¤	**737-0728**
101	George Vargulick		739-0737
	Julie A Vargulick		737-5886
103		NP	
105	Jerome Doherty	2	PE7-3854
108	Edwin Forrest	4	PE7-4024
110	**★Cortlandt Nrsg Cre**		**739-9150**
	Percy Garson	7	739-9150
122	**★St Columbanus Schl**		**PE9-1200**
123	**★CCD Ofc**	¤	**739-2441**
	★St Columbanus Chrc		**737-4705**
126	Michael J Mickell		737-3233
127	Harry Decker	7	739-1415
128	Vincent Liguroi	3	739-5708
130	Larry Burns		739-0872
132	David C Christian	4	737-3036
1020	George P Hanner	3	739-7992
1030	Robert E Bradley		739-5254
1033	**★Cortldt Cmtry Assn**		**737-2929**
1036	**★Robinson Greenhses**		**737-7334**
1040	C K Robinson	9	737-4194
1050	**★Conklin Bros RFG**		**737-1377**
	Ernest M Conklin	3	737-0693
1061	Fred P Becker	5	528-3782
1063		NP	
1067	K A Mackey	4	528-4275
	Louis F Mackey	9	528-8001
1071		NP	

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

OREGON RD 1972

```
...      1-  END 1  14701 $C..B 9
    3 IRA ESTROW              ¤7397838
    9 DONALD V MACY           -7373902
   22 LYMAN S LOCKWOOD        -7390921
   23 AL KING                 9 7396276
   24 CHARLES SOBIER            PE72713
   25 STEPHEN KOLLER            PE74394
   26*LEO J MCKEON INS        ¤PE91467
     *L J MCKEON AUTO           PE91467
   27 FRANK DEAK                PE72870
   29 B R CAMPBELL            8 7373524
   30 EMMERAM PIEHLER         9 7394624
   31 KENNETH HOLMES          7 PE74193
   32 W E CROFT JR              7395902
   33 DONALD MARTIN             PE92850
   40 CLIFTON MILLER          0 PE91394
   56                       NP
   58 GLAYDS M FINNIGAN       ¤7372020
      JOSEPH E FINNIGAN         7371523
   59 RICHARD E RODGERS3        7373684
   61 A T GRUENBERG           4 PE95274
   66 N J PERRELLE            9 7374856
   67 UMBERTO COZZI             PE70573
   68 JOHN R PETTIT             PE91841
   69 HENRY BRUHL               PE90999
   70 R J FEDERIGHT           6 7373136
   71 GEORGE L RUSHFORTH
                              4 7373220
   72 JOHN F LOCHTEFELD6        7395262
   74 THOMAS J RICAPITO4        PE74360
   76 FRED J SPAETH             PE71873
   78*HENRYS DELICATESSN        PE79829
      FLOYD WRIGHT            9 7370060
   80 JAMES F THOMPSON          PE90340
   82 WILLIAM SACHAU            PE92866
   84 JAMES F HOERBER         9 7370720
   90 EDWARD W BRADLEY          PE91593
   95*BURMACK NURSRIES          PE74060
      THOR F KING               PE74060
  101 GEORGE VARGULICK 6        7390737
  103                       NP
  105                       NP
  110*CORTLANDT NURSG HM       PE74751
     *GARSON CARDIAC CTR       PE74751
      DR P GARSON             7 PE74751
  122*ST COLUMBANUS SCHL       PE91200
  123*ST COLUMBANUS CHRC       7374705
  126 MICHAEL J MICKELL        PE73233
  127 HARRY DECKER           7 PE91415
  128 JAMES MCCAFFREY        3 PE90993
  130 LARRY BURNS              PE90872
 1030 ROBERT E BRADLEY 4       PE95254
 1036*ROBINSON GREENHSES       7377334
 1040 C K ROBINSON          9 7374194
 1061 FRED P BECKER         5 LA83782
 1067 LOUIS F MACKEY        9 5288001
 1071 ROBERT D DOWNIE       ¤5285511
```

APPENDIX C

User Questionnaire

APPENDIX X3*
USER
Questionnaire

In order to qualify for one of the Landowner Liability Protections (LLPs)[1] offered by the Small Business Liability Relief and Brownfields Revitalization Act (the "Brownfields Amendments"),[2] the *user* **must provide** the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

1. **Environmental cleanup liens that are filed or recorded against the site (40 C.F.R. 312.25).**

   Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

   No

2. **Activity and land use limitations that are in place on the site or have that been filed or recorded in a registry (40 C.F.R. 312.26).**

   Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

   No

3. **Specialized knowledge or experience of the person seeking to qualify for the LLP (40 C.F.R. 312.28).**

   As the user of this ESA 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?

   No

[1] Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("*Common Elements"* Guide) issued on March 6, 2003.

[2] P.L. 107-118.

4. **Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 C.F.R. 312.29).**

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?

Yes

5. Commonly known or reasonably ascertainable information about the property (40 C.F.R. 312.30).

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, as user,

a) Do you know the past uses of the property?

No

b) Do you know of specific chemicals that are present or once were present at the property?

No

c) Do you know of spills or other chemical releases that have taken place at the property?

No

d) Do you know of any environmental cleanups that have taken place at the property?

No

6. 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 (40 C.F.R. 312.31).

As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No

In addition, certain information should be collected, if available, and provided to the environmental professional selected to conduct the Phase I. This information is intended to assist the environmental professional but is not necessarily required to qualify for one of the LLPs. The information includes:

- the reason why the Phase I is required,
- the type of property and type of property transaction, for example, sale, purchase, exchange, etc.,
- the complete and correct address for the property (a map or other documentation showing property location and boundaries is helpful),
- the scope of services desired for the Phase I (including whether any parties to the property transaction may have a required standard scope of services or whether any considerations beyond the requirements of Practice E 1527 are to be considered),
- identification of all parties who will rely on the Phase I report,
- identification of the site contact and how the contact can be reached,
- any special terms and conditions which must be agreed upon by the environmental professional,
- any other knowledge or experience with the property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the property and its environmental condition).

Andrew van Zelm - NRP Holdings LLC

User

12/03/2020

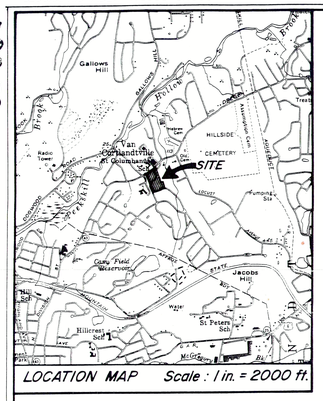
Date

* - This refers to Appendix 3 of ASTM E 1527-13

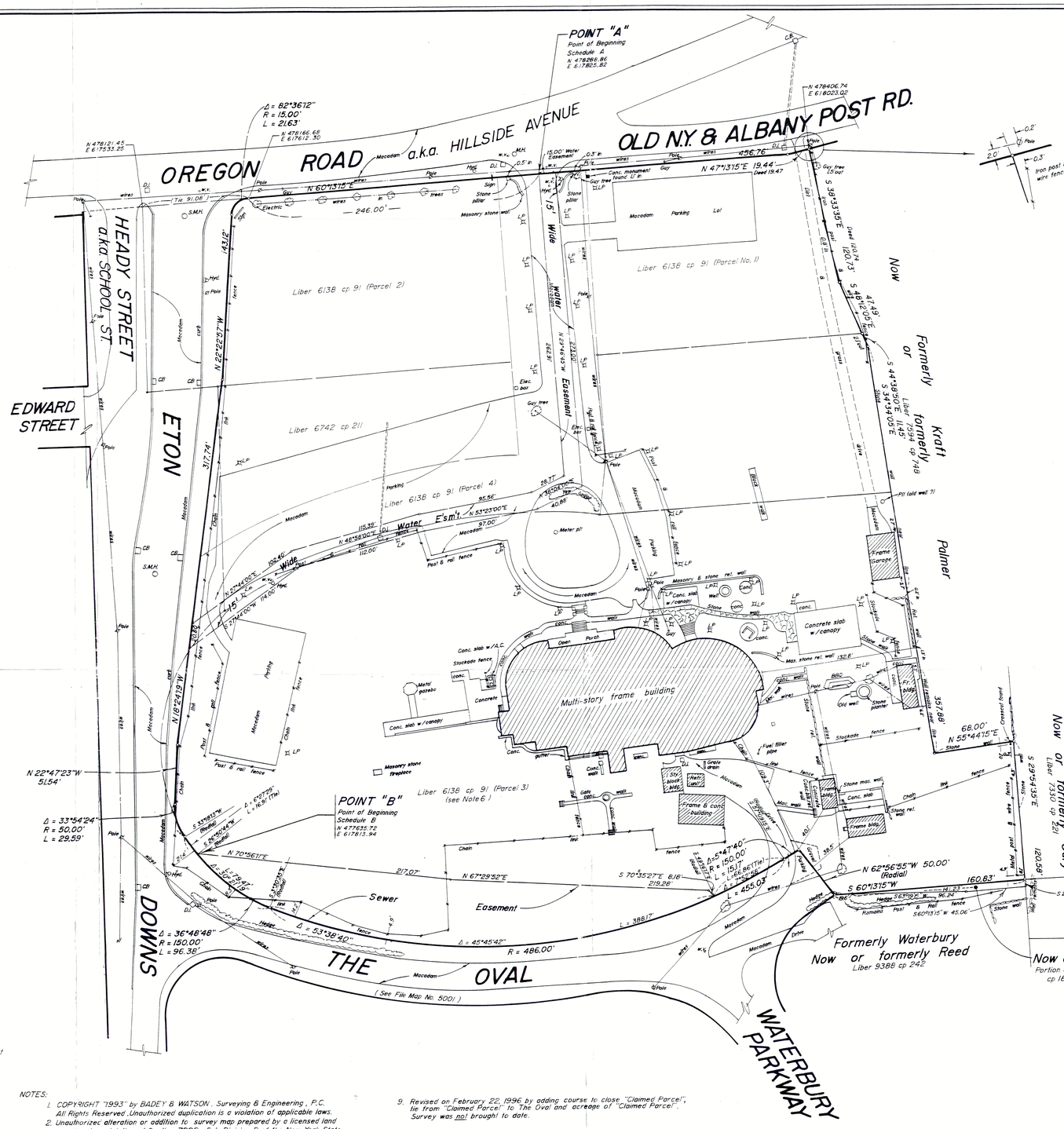
APPENDIX D

Background Information

GEOGRAPHIC INDEX 478000 617900



LOCATION MAP Scale : 1 in. = 2000 ft.



Area = 8.726 Acres

(which includes 0.433 Ac. in Sewer Easement and 0.214 Ac. in 15' Water Easement)

NOTES:

1. COPYRIGHT "1993" by BADEY & WATSON, Surveying & Engineering, P.C. All Rights Reserved. Unauthorized duplication is a violation of applicable laws.
2. Unauthorized alteration or addition to survey map prepared by a licensed land surveyor is a violation of Section 7209, Sub-Division 2 of the New York State Education Law.
3. All certifications are valid for this map and copies thereof only if said map or copies bear the embossed seal of the surveyor whose signature appears hereon.
4. If underground improvements, easements or encroachments exist and are not visible during normal field survey operations or are not described in instruments made known to these surveyors, they will not be shown on this survey map.
5. This property may be affected by instruments which have not been made known to these surveyors. Users of this map should verify title with competent title examiners.
6. Reference is made to a map entitled "Map of Portion of Waterbury Manor . . ." which was filed in the Westchester County Clerks Office on June 22, 1945 as Map No. 5914.
7. Notes in the records of J.W. Irish indicate that it was planned that this parcel was to be conveyed to Terrace Management, Inc. or its predecessor. No record of this transaction was found in the Westchester County Clerks Office.
8. Meridian and coordinate values refer to the New York State Coordinate System East Zone. The basis for this reference is the following National Geodetic Survey Triangulation Stations:

	Northerly	Easterly
Anthonys Nose	480985.91	598566.65
Bear Mountain	477683.57	590806.12
Jacob	474569.72	621225.63
Indian	487743.18	643426.70

9. Revised on February 22, 1996 by adding course to close "Claimed Parcel", tie from "Claimed Parcel" to The Oval and acreage of "Claimed Parcel". Survey was not brought to date.

OWNER'S APPROVAL

The undersigned owner of the property hereon, states that it is familiar with this map, its contents and its legends and hereby consents to the filing of this map.

Signed this 27 day of MARCH, 1996

TERRACE MANAGEMENT, INC.

by JACK H. LEVITZ, President

THE LANDS AFFECTED BY THIS SURVEY ARE LOCATED ON SHEET 276 BLOCK 11002 OF THE WESTCHESTER COUNTY BLOCK INDEX SYSTEM

FILED MAR 27 1996
NUMBER 25661
FEE PAID 10—

Filed in the Office of the County Clerk of Westchester County (Division of Land Records)
MAR 27 1996
by County Clerk

SURVEY OF PROPERTY
PREPARED FOR
TERRACE MANAGEMENT, INC.
SITUATE IN THE
TOWN OF CORTLANDT
COUNTY OF WESTCHESTER
NEW YORK

SCALE: 1 inch = 40 feet SEPTEMBER 16, 1991

We hereby certify that the survey shown hereon was completed by us on September 16, 1991, that this map was completed on October 21, 1993 and that this survey has been prepared in accordance with the existing Code of Practice for Land Surveys adopted by The New York State Association of Professional Land Surveyors, Inc. Revised on February 22, 1996 (see note 9.)

BADEY & WATSON
SURVEYING & ENGINEERING, P.C.
by
NEW YORK STATE LICENSED LAND SURVEYOR
LICENSE No. 48167

This map is certified only to: TERRACE MANAGEMENT, INC.

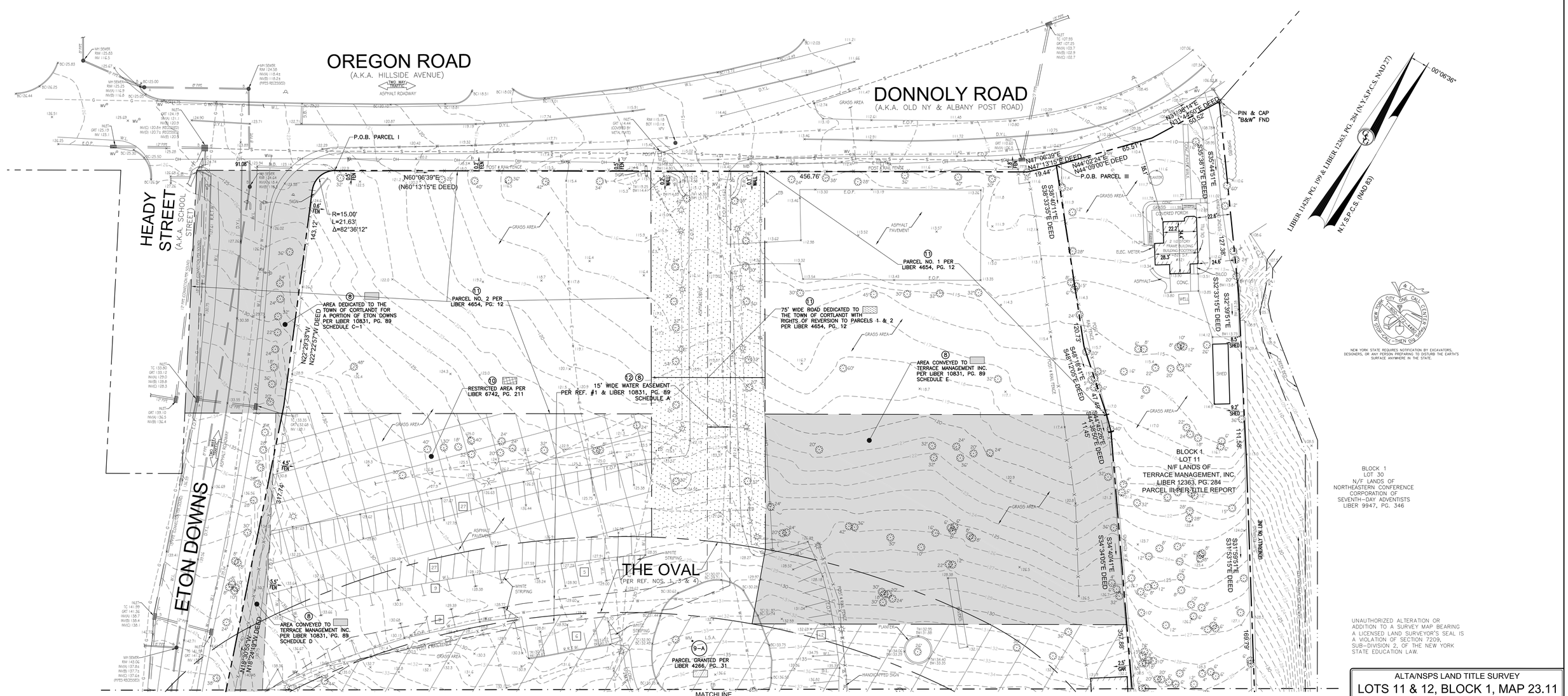
BADEY & WATSON, Surveying & Engineering P.C.
U.S. Route 9 (914) 265-9217
Cold Spring, New York 10516 628-1800
737-3577
(914) 265-4426 (Fax)

Checked by _____ Drawn by RGS

W.O. No. 8936

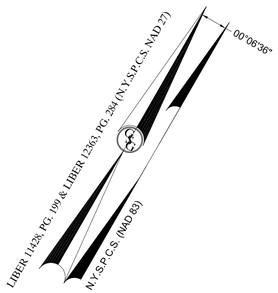
T.M. 6.2-01-01, 02, & 21

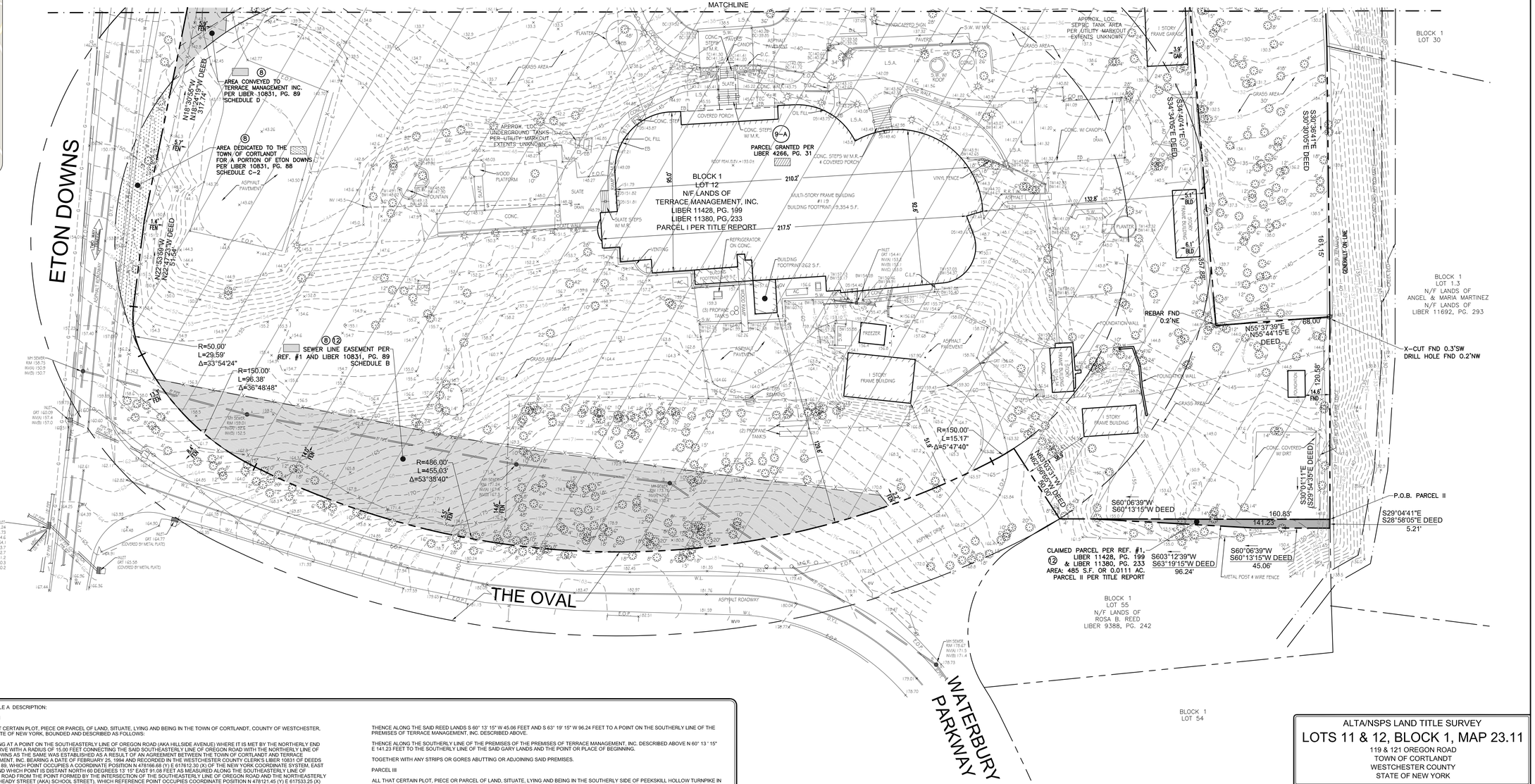
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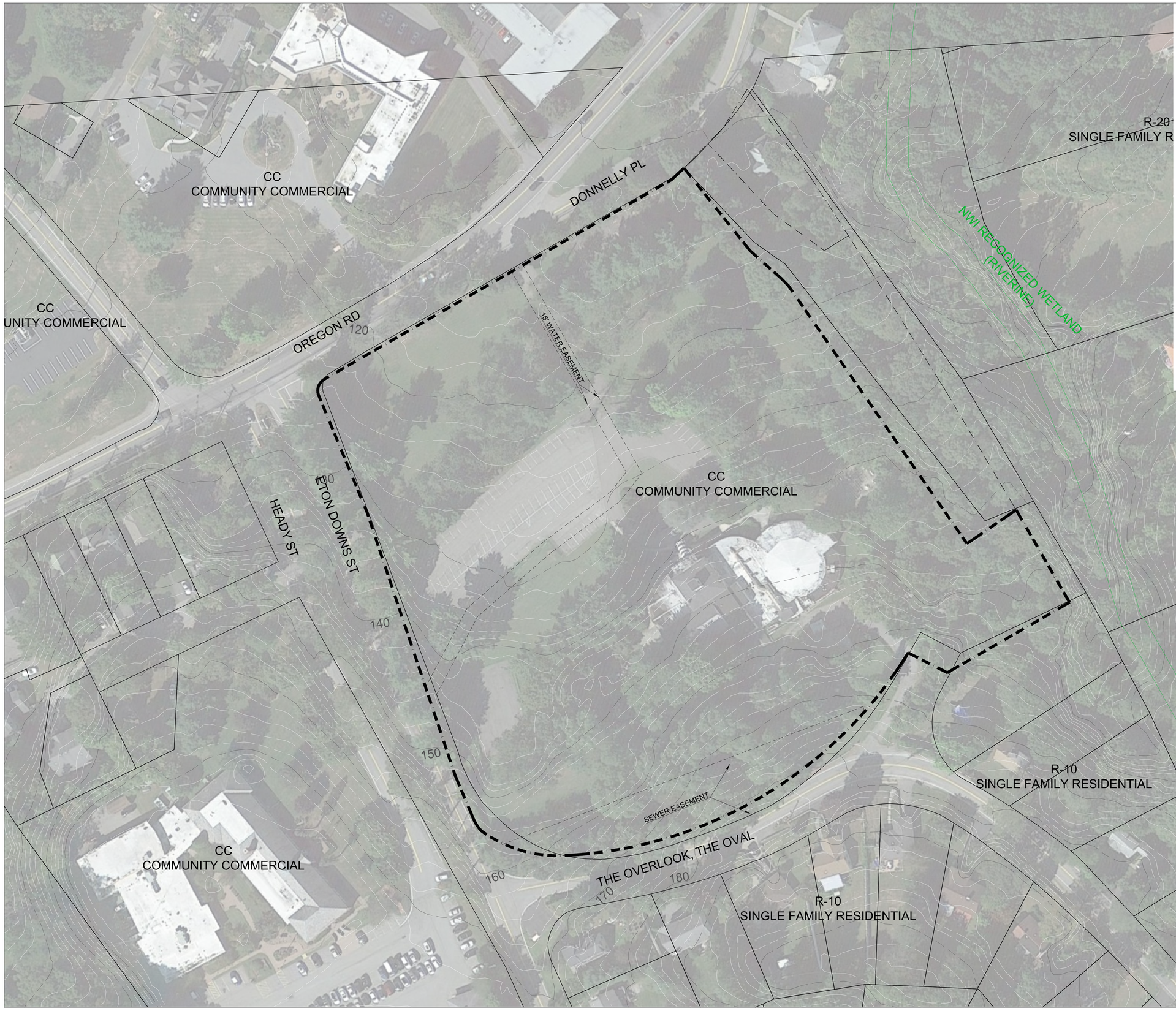

OREGON ROAD
(A.K.A. HILLSIDE AVENUE)
TWO WAY TRAFFIC
ASPHALT ROADWAY
DONNOLY ROAD
(A.K.A. OLD NY & ALBANY POST ROAD)
HEADY STREET
(A.K.A. SCHOOL STREET)
ETON DOWNS
THE OVAL
(PER REF. NOS. 1, 3 & 4)
P.O.B. PARCEL I
P.O.B. PARCEL III
N60°06'39"E
(N60°13'15"E DEED)
143.12'
R=15.00'
L=21.63'
Δ=82°36'12"
N22°29'38"W
N22°22'57"W DEED
456.76'
N47°06'39"E
N47°13'15"E DEED
19.44'
65.51'
N31°36'14"E
N31°44'55"E DEED
50.52'
PIN & CAP
"B&W" FND
S35°44'51"E
S35°38'15"E DEED
127.38'
N44°02'24"E
N44°09'00"E DEED
S38°40'11"E
S38°33'35"E DEED
S32°33'15"E DEED
S32°39'51"E
120.73'
S48°18'41"E
S48°12'05"E DEED
47.76'
N44°14'26"E
N44°36'50"E DEED
11.45'
S34°40'41"E
S34°34'05"E DEED
S31°59'51"E
S31°53'15"E DEED
357.88'
169.79'
N31°36'14"E 50.52' DEED
LIBER 11428, PG. 199 & LIBER 12363, PG. 284 (N.Y.S.P.C.S. NAD 27)
N.Y.S.P.C.S. (NAD 83)
00°06'36"
N/F LANDS OF TERRACE MANAGEMENT, INC. LIBER 12363, PG. 284 PARCEL III PER TITLE REPORT
BLOCK 1 LOT 11
BLOCK 1 LOT 30 N/F LANDS OF NORTHEASTERN CONFERENCE CORPORATION OF SEVENTH-DAY ADVENTISTS LIBER 9947, PG. 346
PARCEL NO. 1 PER LIBER 4654, PG. 12
PARCEL NO. 2 PER LIBER 4654, PG. 12
75' WIDE ROAD DEDICATED TO THE TOWN OF CORTLANDT WITH RIGHTS OF REVERSION TO PARCELS 1 & 2 PER LIBER 4654, PG. 12
AREA DEDICATED TO THE TOWN OF CORTLANDT FOR A PORTION OF ETON DOWNS PER LIBER 10831, PG. 89 SCHEDULE C-1
AREA CONVEYED TO TERRACE MANAGEMENT INC. PER LIBER 10831, PG. 89 SCHEDULE E
AREA CONVEYED TO TERRACE MANAGEMENT INC. PER LIBER 10831, PG. 89 SCHEDULE D
RESTRICTED AREA PER LIBER 6742, PG. 211
15' WIDE WATER EASEMENT PER REF. #1 & LIBER 10831, PG. 89 SCHEDULE A
PARCEL GRANTED PER LIBER 4266, PG. 31
MATCHLINE
ASPHALT PAVEMENT
GRASS AREA
WHITE STRIPING
PLANTER
HANDICAPPED SIGN
COVERED PORCH
2 1/2 STORY FRAME BUILDING BUILDING FOOTPRINT
ELEC. METER
ASPHALT
CONC.
WELL
SHED
POST & RAIL FENCE
CHAIN LINK FENCE
STONE WALL
STOCKADE FENCE
OVERHEAD WIRES
CENTERLINE
GAS LINE
WATER LINE
STORM SEWER
SANITARY SEWER
UNDERGROUND ELECTRIC
UNDERGROUND TELEPHONE
UNDERGROUND CABLE TV
MH SEWER RIM 124.56 INV/N 116.44 INV/S 116.24 (PIPES RECESSED)
MH SEWER RIM 125.25 INV/N 116.9 INV/S 116.8
MH SEWER RIM 124.64 INV/N 116.4 INV/S 116.2
INLET GRT 124.19 INV/N 120.9 INV/E 120.6 RECESSED INV/S 120.7± RECESSED INV/E 120.3
INLET GRT 125.19 INV 123.1
INLET TC 133.90 GRT 133.12 INV/N 129.0 INV/S 128.6 INV/E 128.3
INLET GRT 139.10 INV/N 136.5 INV/S 136.4
INLET TC 141.56 GRT 141.26 INV/N 136.7 INV/S 136.4 INV/E 136.2
MH SEWER RIM 143.06 INV/N 137.8± INV/S 137.7± INV/E 137.4± (PIPES RECESSED)
INLET TC 107.93 GRT 107.25 INV/N 103.7 INV/S 102.9 INV/E 102.7
INLET GRT 114.44 (COVERED BY METAL PLATE)
RIM 115.18 BOT 110.15 W/S
RIM 115.09 BOT 110.64 W/S
BM 118.43
BM 114.47
BM 113.73
BM 113.34
BM 113.75
BM 113.71
BM 113.73
BM 113.73
BM 113.73



VICINITY MAP




MATCHLINE
ETON DOWNS
THE OVAL
WATERBURY PARKWAY
BLOCK 1
LOT 12
N/F LANDS OF
TERRACE MANAGEMENT, INC.
LIBER 11428, PG. 199
LIBER 11380, PG. 233
PARCEL I PER TITLE REPORT
PARCEL GRANTED PER LIBER 4266, PG. 31
9–A
AREA CONVEYED TO TERRACE MANAGEMENT INC. PER LIBER 10831, PG. 89 SCHEDULE D
AREA DEDICATED TO THE TOWN OF CORTLANDT FOR A PORTION OF ETON DOWNS PER LIBER 10831, PG. 88 SCHEDULE C–2
SEWER LINE EASEMENT PER REF. #1 AND LIBER 10831, PG. 89 SCHEDULE B
R=50.00'
L=29.59'
Δ=33°54'24"
R=150.00'
L=96.38'
Δ=36°48'48"
R=486.00'
L=455.03'
Δ=53°38'40"
R=150.00'
L=15.17'
Δ=5°47'40"
N18°30'56"W
N17°54'19"W DEED
317.14'
N22°53'59"W
N22°51'23"W DEED
S30°30'05"E DEED
S30°36'41"E
S34°34'05"E DEED
S34°40'41"E
N55°37'39"E
N55°44'15"E DEED
68.00'
S60°06'39"W
S60°13'15"W DEED
160.83'
141.23'
S60°06'39"W
S60°13'15"W DEED
45.06'
S03°12'39"W
S03°19'15"W DEED
96.24'
N63°10'37"W
N62°58'55"W DEED
90.00'
S30°04'41"E
S29°54'35"E DEED
S29°04'41"E
S28°58'05"E DEED
5.21'
P.O.B. PARCEL II
CLAIMED PARCEL PER REF. #1, LIBER 11428, PG. 199 & LIBER 11380, PG. 233
AREA: 485 S.F. OR 0.0111 AC.
PARCEL II PER TITLE REPORT
BLOCK 1
LOT 30
BLOCK 1
LOT 1.3
N/F LANDS OF
ANGEL & MARIA MARTINEZ
N/F LANDS OF
LIBER 11692, PG. 293
BLOCK 1
LOT 55
N/F LANDS OF
ROSA B. REED
LIBER 9388, PG. 242
BLOCK 1
LOT 54
X–CUT FND 0.3'SW
DRILL HOLE FND 0.2'NW
REBAR FND 0.2'NE
GENERALLY ON LINE
METAL POST & WIRE FENCE
APPROX. LOC. SEPTIC TANK AREA PER UTILITY MARKOUT EXTENTS UNKNOWN
APPROX. LOC. UNDERGROUND TANKS PER UTILITY MARKOUT EXTENTS UNKNOWN
1 STORY FRAME GARAGE
1 STORY FRAME BUILDING
MULTI-STORY FRAME BUILDING #119
BUILDING FOOTPRINT=9,354 S.F.
BUILDING FOOTPRINT=262 S.F.
(3) PROPANE TANKS
(2) PROPANE TANKS
COVERED PORCH
CONC. STEPS W/ M.R.
CONC. STEPS W/ M.R. & COVERED PORCH
CONC. W/ CANOPY
CONC. COVERED W/ DIRT
FOUNDATION WALL
VINYL FENCE
WOOD PLATFORM
SLATE STEPS W/ M.R.
REFRIGERATOR ON CONC.
FREEZER
ASPHALT PAVEMENT
ASPHALT ROADWAY
GRASS AREA
PLANTER
OIL FILL
VENTING
DRIVEWAY
S.W. W/ MTR.
S.W. W/ ROOF
S.W. W/ CANOPY
S.W. W/ MTR.
SIDEWALK
CONC. WALK
L.S.A.
AC
DRY WELL
INLET
MH SEWER
SEWER MANHOLE
WATER MANHOLE
GAS VALVE
GAS METER
UTILITY POLE
GUY WIRE
CATCH BASIN
TREE
SHRUB
SIGN
FENCE
CONC. BOUND
IRON PIN
DRILL HOLE
CLF
WV
W.L.
E.O.P.
T.O.P.
B.O.C.
C.L.F.
C.L.X.
FND
SET
TYP.
OVHD
UGE
UGT
UGW
UGG
UGTV
UGCATV
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50 25 0 50 100 150

SCALE 1" = 50'-0"

SITE INFORMATION

GROSS AREA	±8.71 ACRES
FLOODPLAIN	NO
NWI WETLANDS	NO
PIPELINES	NO
EXISTING ZONING	CC

THIS EXHIBIT ONLY SHOWS AVAILABLE DATA, AND MAY NOT INCLUDE ALL EASEMENTS, UTILITIES AND/OR OTHER CONSTRAINTS THAT COULD BE LOCATED ON SITE.

THE DATA REPRESENTED IS FOR GENERAL INFORMATION ONLY AND LEE AND ASSOCIATES INC. DOES NOT WARRANT THE ACCURACY OF THE INFORMATION CONTAINED HEREIN NOR IS IT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS, OR FOR ACCURACY, TIMELINESS, COMPLETENESS OF ANY OF THE INFORMATION PROVIDED HEREIN.

DATA SHOWN WAS CURATED USING THE BELOW TECHNIQUES:

- [X] IMPORTED FROM ONLINE GIS
- [X] ENTERED FROM METES AND BOUNDS FROM PDF SURVEY
- [X] DIGITIZED FROM EXHIBIT
- [ ] CAD FILE PROVIDED

L E E
AND ASSOCIATES

8601 RANCH ROAD 2222
BUILDING I, SUITE 290
AUSTIN, TX 78730

(512) 345-8477
www.leeandassociates.net

DATE	9/28/2020
PROJ. NO.	2622
FILE NAME	2622 BASE 1
XREF	
XREF	

119 OREGO ST MULTIFAMILY

CORTLANDT, NEW YORK

PRELIMINARY CONSTRAINTS

THIS DRAWING IS NOT FOR REGULATORY APPROVAL, OR CONSTRUCTION

CSP-0



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AND ASSOCIATES
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FILE NAME	2622 BASE 1
XREF	
XREF	

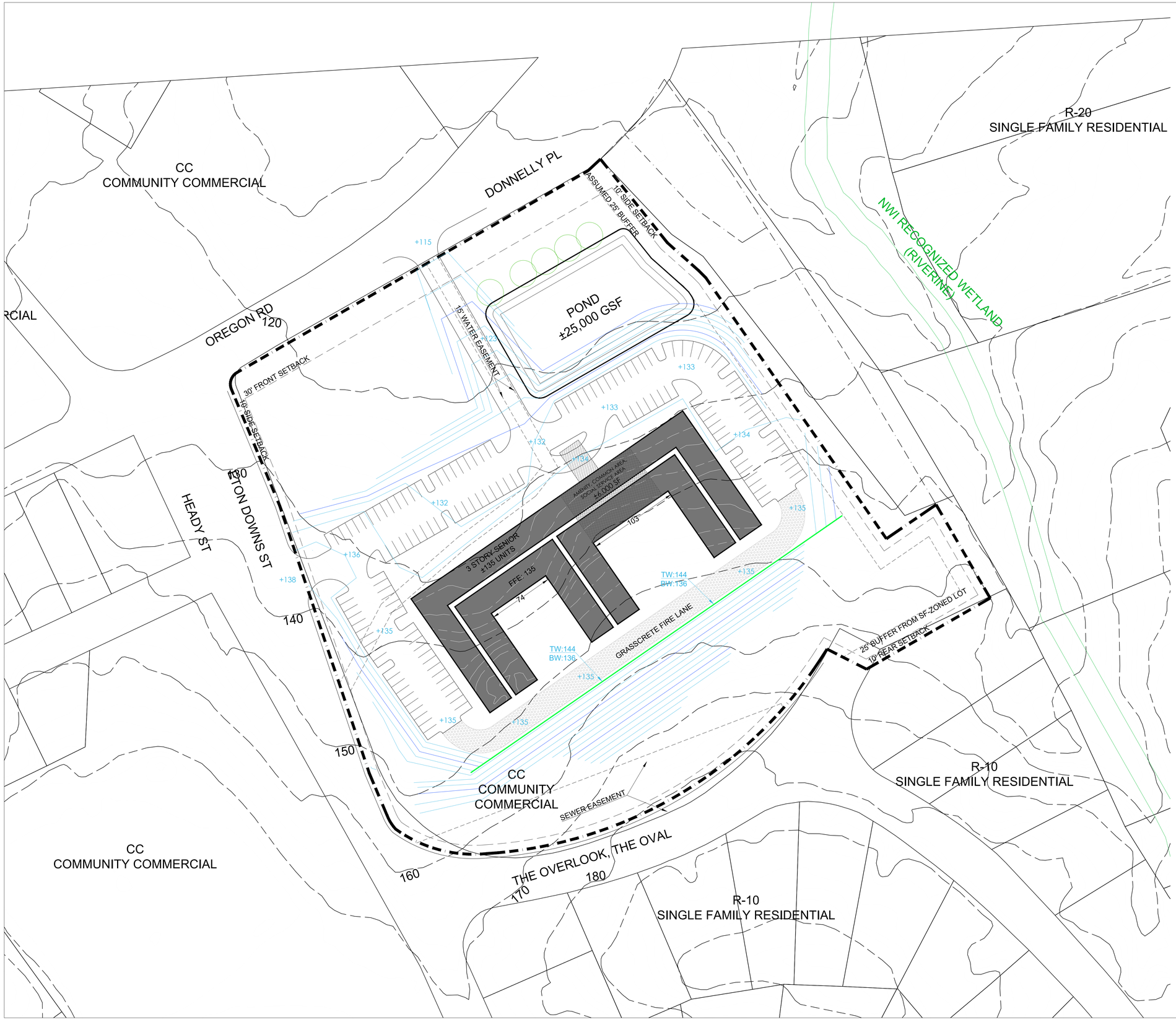
119 OREGO ST MULTIFAMILY

CORTLANDT, NEW YORK

AERIAL OVERLAY

THIS DRAWING IS NOT FOR REGULATORY APPROVAL, OR CONSTRUCTION

CSP-2



50 25 0 50 100 150

SCALE 1" = 50'-0"

THESE CALCULATIONS, NOTES, AND ASSUMPTIONS ARE FOR INTERNAL USE ONLY AND ARE NOT TO BE REPLICATED ON ANY FORMAL OR INFORMAL MUNICIPAL SUBMITTALS.

SITE CALCULATIONS

	CC SUP PERMITTED		PROVIDED	
TOTAL UNITS (+/-)	174		135	
STUDIO	NA		27	20%
1 BEDROOM	NA		68	50%
2 BEDROOM	NA		40	30%
AVERAGE UNIT SIZE	NA		690	
GROSS ACREAGE	NA		8.71	
GROSS DENSITY	20.0 DU/AC		15.5 DU/AC	
BUILDING COVERAGE (ACREAGE / %)	2.17	25%	1.00	11%
HEIGHT (STORIES / FEET)	3	45	3	45

The average unit size is 690SF as per the client. The residential buildings shown are 65' modules. A 15% core factor has been subtracted from the buildings excluding the corridors, as well as area for the lease office and clubhouse. This core factor allows for elevators, stairwells and undulations in the buildings.

CITY PARKING CALCULATIONS

PARKING REQUIRED

CATEGORY	MIX	SPACES	RATIO
STUDIO	27	19	0.70
1 BEDROOM	68	48	0.70
2 BEDROOM	40	28	0.70
TOTAL REQUIRED PER CITY		95	0.70

PARKING PROVIDED

CATEGORY	SPACES			RATIO
	ACCESSIBLE	STANDARD	TOTALS	
RESIDENT	0	135	135	
LEASE	0	5	5	
SUBTOTALS	0	140		
TOTAL PROVIDED PER CITY			140	1.04

CLIENT PARKING CALCULATIONS

PARKING REQUESTED

CATEGORY	MIX	SPACES	RATIO
STUDIO	27	27	1.00
1 BEDROOM	68	68	1.00
2 BEDROOM	40	40	1.00
TOTAL REQUESTED PER CLIENT		135	1.00

PARKING PROVIDED (EXLCUDES ACCESSIBLE AND LEASE)

CATEGORY	SPACES	RATIO
RESIDENT	135	
TOTAL PROVIDED PER CLIENT	135	1.00

NOTES:

1. THIS PLAN IS FOR MASSING PURPOSES ONLY. A MORE DETAILED PLAN WILL BE REQUIRED TO CONFIRM PROJECTED YIELD.
2. BUILDING FOOTPRINTS HAVE BEEN PROVIDED BY THE PROJECT ARCHITECT. THESE FOOTPRINTS ARE SUBJECT TO CHANGE. THE PROJECT ENGINEER SHOULD CONFIRM THAT ALL ARCHITECTURAL INFORMATION IS CURRENT BEFORE THE RELEASE OF ANY PERMITS.
3. THE BOUNDARY WAS ENTERED FROM A PDF SURVEY PROVIDED BY THE CLIENT. ADDITIONAL BASE INFORMATION WAS TAKEN FROM THE COUNTY ONLINE GIS DATABASE.
4. A FIELD RUN TOPOGRAPHIC SURVEY IS NOT AVAILABLE AT THIS TIME. ADJUSTMENTS TO THE LAYOUT DUE TO GRADING CONCERNS MAY BE REQUIRED ONCE A TOPOGRAPHIC SURVEY HAS BEEN PROVIDED. EXISTING TOPOGRAPHY WAS TAKEN FROM THE COUNTY ONLINE GIS DATABASE.
5. A DETAILED ANALYSIS OF STATE, COUNTY, AND CITY ORDINANCES GOVERNING THE DEVELOPMENT OF THIS PROJECT HAS NOT BEEN PERFORMED. ORDINANCE ANALYSIS WILL BE REQUIRED TO CONFIRM PROJECTED YIELDS.
6. GRADING IS FOR DESIGN INTENT ONLY. ACTUAL GRADING WILL NEED TO BE PERFORMED BY THE PROJECT ENGINEER.
7. THE PROPOSED BUILDING IS 3-STORY ON SLAB ON GRADE WITH ONE FFE.

ASSUMPTIONS:

1. THE LOCATION AND SIZE OF THE STORM WATER MANAGEMENT FACILITY IS ASSUMED TO BE ADEQUATE. THE FINAL LOCATION AND SIZE WILL NEED TO BE DETERMINED BY THE PROJECT ENGINEER.
2. THIS SITE IS LOCATED IN CORTLANDT, NEW YORK.
3. THIS SITE IS ZONED XX. THIS PLAN ASSUMES A REZONE TO YY. ZONING CRITERIA WAS TAKEN FROM THE ONLINE ZONING ORDINANCE.
4. THIS PROJECT IS SUBJECT TO THE NEW YORK STATE UNIFORM FIRE AND BUILDING CODE. THIS PROJECTS ASSUMES 26' WIDE FIRE LANES ARE AN ADEQUATE WIDTH FOR FIRE LANES.
5. THIS PLAN ASSUMES THAT GRASSCRETE FIRE LANES ARE PERMITTED.
6. PROPOSED GRADING AND WALLS ARE ASSUMED TO BE PERMITTED AS SHOWN.
7. EXISTING EASEMENTS AND UTILITIES ON SITE ARE ASSUMED TO BE REMOVED OR RELOCATED TO ALLOW DEVELOPMENT AS SHOWN.
8. ACCESS INTO THE PROJECT IS ASSUMED TO BE PERMITTED AS SHOWN.

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H:\Library\Client Logos\MRP_RGB.jpg

DATE	9/30/2020
PROJ. NO.	2622
FILE NAME	2622 BASE 1
XREF	
XREF	

119 OREGO ST MULTIFAMILY

CORTLANDT, NEW YORK

CONCEPTUAL SITE PLAN

THIS DRAWING IS NOT FOR REGULATORY APPROVAL, OR CONSTRUCTION

CSP-1

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG DRAFT	BORING NUMBER B-1
Project: Proposed Multi Story Building, 119 Oregon Rd, Cortlandt NY		**SHEET NO.:** 1 of 2
Client: The NRP Group LLC		**JOB NUMBER:** 20-202
Drilling Contractor: General Borings Inc.		**ELEVATION:** +132.5

GROUNDWATER					CASING	SAMPLE	CORE	TUBE
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS		
30/Nov/20	1045	14'0"	HSA	DIA.	3 1/4"	1 3/8"		
30/Nov/20		10'0"	HSA	WGHT		140#		
				FALL		30"		

DATUM:	Topo
START DATE:	30/Nov/20
FINISH DATE:	30/Nov/20
DRILLER:	T McGovern
INSPECTOR:	JP

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
			2		**Topsoil** 0'1"	
1		S-1	2		Br cf S, l (+) $, l (-) cf G	Rec = 5"
			3			moist
2			4			
			3			
3		S-2	4		same	Rec = 10"
			11			moist
4			9			
5						
			10			
6		S-3	12		same, l cf G	Rec = 12"
			19			moist
7			24			
			24			
8		S-4	15		same, s (+) $, l (+) cf G	Rec = 13"
			18			moist
9			37		**Brown coarse to fine SAND, little (+) Silt, little (-) coarse to fine Gravel**	
10						
			27			
11		S-5	16		same, br, gr	Rec = 9"
			16			wet
12			50/2"			
13						
14						
15						
			23			
16		S-6	34		same, l (-) $, t cf G	Rec = 10"
			50/3"			wet
17						very dense drilling
18						
19						
20						
			30			
21		S-7	38		same, l $, t (+) cf G	Rec = 13"
			52			wet
22			60			

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG DRAFT	BORING NUMBER B-1
Project: Proposed Multi Story Building, 119 Oregon Rd, Cortlandt NY		SHEET NO.: 2 of 2
Client: The NRP Group LLC		JOB NUMBER: 20-202

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23						very dense drilling
24						
25						
			42			
26		S-8	50/6"		Br, gr cf S, s (-) $, l (+) cf G (till)	Rec = 11"
						wet
27					**Brown, gray coarse to fine SAND,**	very dense drilling
28					**some (-) Silt, little (+) coarse to fine**	
29					**Gravel**	
30						
		S-9	50/6"		same 30'6"	Rec = 6"
31					**End of Boring @ 30'6"**	wet
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG DRAFT	BORING NUMBER B-2
Project: Proposed Multi Story Building, 119 Oregon Rd, Cortlandt NY		**SHEET NO.:** 1 of 2
Client: The NRP Group LLC		**JOB NUMBER:** 20-202
Drilling Contractor: General Borings Inc.		**ELEVATION:** +133.0

GROUNDWATER									
DATE	TIME	DEPTH	CASING	TYPE	CASING	SAMPLE	CORE	TUBE	**DATUM:** Topo
30/Nov/20		10'0"		DIA.	3 1/4"	1 3/8"			**START DATE:** 30/Nov/20
				WGHT		140#			**FINISH DATE:** 30/Nov/20
				FALL		30"			**DRILLER:** T McGovern
									INSPECTOR: JP

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
					Asphalt 0'4"	
1						
			10			Rec = 3"
2		S-1	15		FILL (Bk, br cf S, s $, l cf G)	moist
			10			
3			3			
			1			Rec = 1"
4		S-2	2		FILL (same)	moist
			3		**FILL (Black, brown coarse to fine SAND,**	
5			4		**some Silt, little coarse to fine Gravel)**	
			4			Rec = 4"
6		S-3	6		FILL (same, br, l $)	moist
			5			
7			5			
			4			Rec = 4"
8		S-4	4		FILL (same) 8'0"	moist
			11			
9			9			
10						
			9			Rec = 10"
11		S-5	7		Br cf S, s (-) $, l cf G	wet
			9			
12			31			
13						
14					**Brown coarse to fine SAND, some (-) Silt,**	
					little coarse to fine Gravel	
15						
			20			Rec = 6"
16		S-6	19		same, l (+) cf G	wet
			23			
17			22			
18						
19						
20						
		S-7	50/6"		same, l (+) $, s cf G	Rec = 5"
21						wet
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG DRAFT	BORING NUMBER B-2
Project: Proposed Multi Story Building, 119 Oregon Rd, Cortlandt NY		SHEET NO.: 2 of 2
Client: The NRP Group LLC		JOB NUMBER: 20-202

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23						very dense with many boulders
24						
25						
26		S-8	50/5"	■	Gr cf S, l $, s cf G **Gray coarse to fine SAND, little (+) Silt, some coarse to fine Gravel**	Rec = 1" wet
27						
28						very dense with boulders
29						
30						
31		S-9	50/6"	■	same, s $, l cf G 30'6" **End of Boring @ 30'6"**	Rec = 2" wet
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG DRAFT	BORING NUMBER B-3
Project: Proposed Multi Story Building, 119 Oregon Rd, Cortlandt NY		**SHEET NO.:** 1 of 2
Client: The NRP Group LLC		**JOB NUMBER:** 20-202
Drilling Contractor: General Borings Inc.		**ELEVATION:** +140.0

GROUNDWATER					CASING	SAMPLE	CORE	TUBE
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS		
1/Dec/20	1015	11'6"	HSA	DIA.	3 1/4"	1 3/8"		
				WGHT		140#		
				FALL		30"		

DATUM:	Topo
START DATE:	1/Dec/20
FINISH DATE:	1/Dec/20
DRILLER:	T McGovern
INSPECTOR:	JP

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
					Asphalt 0'4"	
1						
			5			
2		S-1	11		FILL (Br, bk cf S, l (-) $, l (+) cf G, w/asphalt)	Rec = 3"
			11			moist
3			9			
			12			
4		S-2	10		FILL (same, br, s $, l cf G)	Rec = 18"
			7		**FILL (Brown, black coarse to fine SAND,**	moist
5			12		**little (-) Silt, little (+) coarse to fine**	
			15		**Gravel, with asphalt)**	
6		S-3	22		FILL (same)	Rec = 20"
			17			moist
7			14			
			13			
8		S-4	12		FILL (same)	Rec = 24"
			9			moist
9			14			
10					10'0"	
			4			
11		S-5	5		Br, gr cf S, s $, l cf G	Rec = 16"
			6			moist-wet
12			8			
13						
14						
15					**Brown, gray coarse to fine SAND,**	
			13		**some Silt, little coarse to fine Gravel**	
16		S-6	17		same, l $	Rec = 4"
			35			wet
17			33			
18						Boulder
19						
20						
			23			
21		S-7	50/4"		same, l (+) $ (till)	Rec = 4"
						wet
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG DRAFT	BORING NUMBER B-3
Project: Proposed Multi Story Building, 119 Oregon Rd, Cortlandt NY		SHEET NO.: 2 of 2
Client: The NRP Group LLC		JOB NUMBER: 20-202

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23						
24						
25						
26		S-8	29 38		Gr cf S, l $, l cf G	Rec = 14"
27			33 41		**Gray coarse to fine SAND, little Silt, little coarse to fine Gravel**	wet Till
28						
29						
30						
31		S-9	34 46		same	Rec = 12"
32			50/5"		31'6" **End of Boring @ 31'6"**	wet Till
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG DRAFT	BORING NUMBER B-4
Project: Proposed Multi Story Building, 119 Oregon Rd, Cortlandt NY		**SHEET NO.:** 1 of 2
Client: The NRP Group LLC		**JOB NUMBER:** 20-202
Drilling Contractor: General Borings Inc.		**ELEVATION:** +132.0

GROUNDWATER					CASING	SAMPLE	CORE	TUBE
DATE	TIME	DEPTH	CASING	TYPE	HSA	SS		
1/Dec/20	1345	6'0"	HSA	DIA.	3 1/4"	1 3/8"		
1/Dec/20		4'0"		WGHT		140#		
				FALL		30"		

DATUM:	Topo
START DATE:	1/Dec/20
FINISH DATE:	1/Dec/20
DRILLER:	T McGovern
INSPECTOR:	JP

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
			2		**Topsoil** 0'6"	
1		S-1	2		FILL (Dk br cf S, a $, l (-) cf G)	Rec = 10"
			1			moist
2			3			
			7			
3		S-2	4		FILL (same, br s $)	Rec = 10"
			5			moist-wet
4			15			
					FILL (Dark brown coarse to fine SAND, some Silt, little coarse to fine Gravel)	
5						
			8			
6		S-3	11		FILL (same, a (-) cf G)	Rec = 5"
			14			wet
7			40			
			21			
8		S-4	12		FILL (same, l (-) $)	Rec = 6"
			16			wet
9			15			
10					10'0"	
			11			
11		S-5	19		Br, gr cf S, s (-) $, l cf G	Rec = 10"
			18			wet
12			22			Till
13						
14						
					Brown, gray coarse to fine SAND, some (-) Silt, little coarse to fine Gravel	
15						
			42			
16		S-6	39		Br, gr same	Rec = 5"
			17			wet
17			18			
18						
19						
20						
		S-7	50/1"		same	Rec = 0
21						
22						

CARLIN - SIMPSON & ASSOCIATES Sayreville, N.J.	TEST BORING LOG DRAFT	BORING NUMBER B-4
Project: Proposed Multi Story Building, 119 Oregon Rd, Cortlandt NY		SHEET NO.: 2 of 2
Client: The NRP Group LLC		JOB NUMBER: 20-202

Depth (ft.)	Casing Blows per Foot	Sample Number	Blows on Sample Spoon per 6"	Sym	IDENTIFICATION	REMARKS
23					**Brown, gray coarse to fine SAND, some (-) Silt, little coarse to fine Gravel**	
24						
25						
26		S-8	50/1"		Br cf S, s (-) $, l cf G	Rec = 0
27					27'0"	probable bedrock
28					**End of Boring @ 27'0"**	
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						

PROPOSED BORING IN AREA TARGETED FOR STORMWATER POND

PROPOSED BORINGS NEAR PROPOSED WALL LOCATION

B-1

B-2

B-3

B-4

POINT "B"
Point of Beginning
Schedule B
N 477635.72
E 617813.94

Liber 6138 cp 91 (Parcel 2)

Liber 6742 cp 211

Liber 6138 cp 91 (Parcel 4)

Liber 6138 cp 91 (Parcel 3)
(see Note 6)

Formerly Kraft
or
formerly
Liber 7594 cp 748

Formerly Waterbury
Now or formerly Reed
Liber 9388 cp 242

Multi-story frame building

Frame Garage

Frame bldg.

Frame & conc building

Sty. block bldg.

Concrete slab w/canopy

Conc. slab w/canopy

Conc. slab w/A.C.

Stockade fence

Masonry stone fireplace

Open Porch

Metal gazebo

Old wall

Stone planter

Fuel filler pipe

Grate drain

Retr. unit

Stone mas. wall

Stone ret. wall

Mas. stone ret. wall 132.8'

Pit (old well ?)

Sewer Easement

ETON STREET

SNMOD THE OVAL

(See File Map No. 5001)

LEGEND:

- BORING LOCATION- COMPLETED
- PROPOSED BORING LOCATIONS

ROBERT B. SIMPSON, P.E.
PROFESSIONAL ENGINEER

COMPLETED/PROPOSED BORING LOCATION PLAN

PROPOSED DEVELOPMENT
119 OREGON ROAD
CORTLANDT, NEW YORK

DRAWN: MRA	SCALE: 1" = 40'
CHECKED: RBS	DATE: 11.05.20
PROJECT NO.: 20-202	DWG NO.: FIG-1
APPROVED:	

CARLIN-SIMPSON AND ASSOCIATES
61 Main Street
Sayreville, NJ 08872
Consulting Geotechnical and Environmental Engineers

APPENDIX E

Governmental Correspondence

FREEDOM OF INFORMATION REQUEST

Freedom of Information requests are pursuant to the NY State Freedom of Information Law, Article 6 of the Public Officers Law

Last Name: Lane	**First Name:** Nicholas
Street Address: 1800 Route 34, Suite 101	**Phone Number:** 732-312-9687
City, State, Zip: Wall Township, NJ 07719	**Email:** Nicholas.Lane@FPAengineers.com

Please identify and describe the records you are requesting as clearly as possible:

French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.

Please check one:

__X__ **I wish to have copies of the above**
**** There will be a charge for copies in accordance with New York State Law.**

_____ **I would like to review said documents**

If any portion of the request is denied, said denial can be appealed by addressing the Town Supervisor in writing. The address is: **Town Supervisor**
1 Heady Street
Cortlandt Manor, NY 10567

Signature:	**Date:** 12/3/2020

Preferred Submission is via email to: townclerk@townofcortlandt.com

FRENCH & PARRELLO ASSOCIATES

Corporate Office
1800 Route 34, Suite 101, Wall, New Jersey 07719

Regional Offices
King of Prussia, Pennsylvania
Bethlehem, Pennsylvania
Hackettstown, New Jersey
Camden, New Jersey
Newark, New Jersey
New York, New York
Atlanta, Georgia

December 3, 2020

Cortlandt Township Clerks Office
Laroue Rose Shatzkin, Township Clerk
1 Heady Street
Cortlandt Manor, New York 10567

Re: **Environmental Preliminary Assessment**
119 Oregon road
Cortlandt Township, Westchester County, New York
FPA No.: 16875.001

Mrs. Shatzkin:

French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.

If files are located for this property, please provide me with same or contact me so that I can schedule an appointment for a file review or make arrangements for copying. If no records are found, kindly advise me in writing.

Sincerely,

FRENCH & PARRELLO ASSOCIATES, PA

Nicholas Lane, Environmental Scientist
Environmental Services

Nicholas Lane

From: Laroue Shatzkin <LaroueS@townofcortlandt.com>
Sent: Thursday, December 3, 2020 3:24 PM
To: Nicholas Lane
Subject: RE: FOIL Request

Mr. Lane,

The Town of Cortlandt does not have any records in relation to your request.

Have a safe and happy holiday.

Best,

Laroue Rose Shatzkin
Cortlandt Town Clerk
1 Heady Street
Cortlandt Manor, NY 10567
P: 914.734.1020 F: 914.734.1102
www.townofcortlandt.com

CORTLANDT
Where life works.

From: Nicholas Lane <Nicholas.Lane@FPAengineers.com>
Sent: Thursday, December 3, 2020 11:28 AM
To: Laroue Shatzkin <LaroueS@townofcortlandt.com>
Subject: FOIL Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Please see attached.

Nicholas Lane
Environmental Scientist

1800 Route 34, Suite 101, Wall, NJ 07719
T 312.312.9800 $Bcv(B{ D 732.312.9687

FPA
FRENCH & PARRELLO ASSOCIATES

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FRENCH & PARRELLO ASSOCIATES

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1800 Route 34, Suite 101, Wall, New Jersey 07719

Regional Offices
King of Prussia, Pennsylvania
Bethlehem, Pennsylvania
Hackettstown, New Jersey
Camden, New Jersey
Newark, New Jersey
New York, New York
Atlanta, Georgia

December 3, 2020

New York State Department of Environmental Conservation
Records Access Officer
625 Broadway
Albany, New York 12233

Re: **Environmental Preliminary Assessment**
119 Oregon road
Cortlandt Township, Westchester County, New York
FPA No.: 16875.001

To whom it may concern:

French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.

If files are located for this property, please provide me with same or contact me so that I can schedule an appointment for a file review or make arrangements for copying. If no records are found, kindly advise me in writing.

Sincerely,

FRENCH & PARRELLO ASSOCIATES, PA

Nicholas Lane, Environmental Scientist
Environmental Services

Neil Jiorle

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Thursday, December 3, 2020 11:16 AM
To: Nicholas Lane
Subject: FOIL Request :: W075996-120320

Dear Nicholas:

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 12/3/2020 and given the reference number FOIL #W075996-120320 for tracking purposes. You may expect the Department's response to your request no later than **1/1/2021**.

Record Requested: **French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.**

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.

Please note that due to the COVID-19 outbreak, DEC may be experiencing staffing shortages and some records custodians may be working remotely. This may result in a delayed response time to your FOIL request. We appreciate your understanding and cooperation.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

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Track the issue status and respond at: https://newyorkdec.mycusthelp.com/webapp//_rs/RequestEdit.aspx?rid=75996

(https://www.dec.ny.gov/)

Public Records Center

MENU

Public Records Menu

FAQs

See All FAQs (FindAnswers.aspx)

How to contact NYSDEC about FOIL? (/WEBAPP/_rs/(S(t5hnnajkmflnv2035vs4antg))/AnswerDetail.aspx?sSessionID=71187188150VMJMWUKETQZFRDFAZHAKOLBDCUNIE&aid=153)

Response time to my FOIL request? (/WEBAPP/_rs/(S(t5hnnajkmflnv2035vs4antg))/AnswerDetail.aspx?sSessionID=71187188150VMJMWUKETQZFRDFAZHAKOLBDCUNIE&aid=146)

Exceptions to disclosing records? (/WEBAPP/_rs/(S(t5hnnajkmflnv2035vs4antg))/AnswerDetail.aspx?sSessionID=71187188150VMJMWUKETQZFRDFAZHAKOLBDCUNIE&aid=151)

Fees I have to pay? (/WEBAPP/_rs/(S(t5hnnajkmflnv2035vs4antg))/AnswerDetail.aspx?sSessionID=71187188150VMJMWUKETQZFRDFAZHAKOLBDCUNIE&aid=147)

Can I inspect documents first? (/WEBAPP/_rs/(S(t5hnnajkmflnv2035vs4antg))/AnswerDetail.aspx?sSessionID=71187188150VMJMWUKETQZFRDFAZHAKOLBDCUNIE&aid=150)

Processing of my request? (/WEBAPP/_rs/(S(t5hnnajkmflnv2035vs4antg))/AnswerDetail.aspx?sSessionID=71187188150VMJMWUKETQZFRDFAZHAKOLBDCUNIE&aid=149)

How I pay fees? (/WEBAPP/_rs/(S(t5hnnajkmflnv2035vs4antg))/AnswerDetail.aspx?sSessionID=71187188150VMJMWUKETQZFRDFAZHAKOLBDCUNIE&aid=148)

How do I appeal a denial of access? (/WEBAPP/_rs/(S(t5hnnajkmflnv2035vs4antg))/AnswerDetail.aspx?sSessionID=71187188150VMJMWUKETQZFRDFAZHAKOLBDCUNIE&aid=152)

Reference No: W075996-120320

Contact E-Mail: nicholas.lane@fpaengineers.com

Dear Nicholas:

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 12/3/2020 and given the reference number FOIL #**W075996-120320** for tracking purposes. You may expect the Department's response to your request no later than **1/7/2021**.

Record Requested: **French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil furnaces and oil conversion to gas. A time frame of 2000 to present should be utilized.**

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.

Please note that due to the COVID-19 outbreak, we may be experiencing staffing shortages and some records custodians may be working remotely. This may result in a delayed response time to your FOIL request. We appreciate your understanding and cooperation.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx (https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx)

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New York State Department of Environmental Conservation, Record Access Office

NEW YORK STATE OF OPPORTUNITY. Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

LISA J. PINO, M.A., J.D.
Executive Deputy Commissioner

December 3, 2020

Nicholas Lane
French and Parrello Associates
1800 Route 34, Suite 101
Wall, NJ 07719

FOIL #: 20-12-082
RE: 16875.001

Dear Mr. Lane:

This will acknowledge receipt of your request for records under the Freedom of Information Law (FOIL), received by this office on December 3, 2020.

Your request has been forwarded to the appropriate Department program area(s) to identify documents that are responsive to your request and which may be made available pursuant to all applicable provisions of the Freedom of Information Law.

A determination as to whether your request is granted or denied will be reached in approximately 20 business days or we will notify you in writing if the responsible program area(s) should require additional time to locate, assemble, and review documents that may be responsive to your request.

Please note that, pursuant to Article 6 of the Public Officers Law, a charge may be applied to your request, including the actual cost of the medium used to respond to your Freedom of Information Law request and/or other related costs. When responsive records have been identified, you will be informed of any cost and how payment should be made.

Sincerely,

Rosemarie Hewig, Esq.
Records Access Officer

RH/sjp

FRENCH & PARRELLO ASSOCIATES

Corporate Office
1800 Route 34, Suite 101, Wall, New Jersey 07719

Regional Offices
King of Prussia, Pennsylvania
Bethlehem, Pennsylvania
Hackettstown, New Jersey
Camden, New Jersey
Newark, New Jersey
New York, New York
Atlanta, Georgia

December 3, 2020

New York State Department of Health
Corning Tower, Empire State Plaza
Albany, New York 12237

Re: **Environmental Preliminary Assessment**
119 Oregon road
Cortlandt Township, Westchester County, New York
FPA No.: 16875.001

To whom it may concern:

French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.

If files are located for this property, please provide me with same or contact me so that I can schedule an appointment for a file review or make arrangements for copying. If no records are found, kindly advise me in writing.

Sincerely,

FRENCH & PARRELLO ASSOCIATES, PA

Nicholas Lane, Environmental Scientist
Environmental Services

Neil Jiorle

From: noreply@its.ny.gov
Sent: Thursday, December 3, 2020 11:14 AM
To: Nicholas Lane
Subject: FOIL Request Confirmation from Open FOIL NY

Thank you for submitting your FOIL request through Open FOIL NY.

Here is your Open FOIL NY confirmation information for future reference:

LANE_DOH_20201203111414378

INFORMATION SUBMITTED:

Records Requested From	Department of Health
Short Title	Site Remediation
Description	French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.
Uploaded Files	NYSDOH FOIL Letter.docx
FOIL Response Format	Email
If fees apply, please contact me if costs will be greater than	$10

Your FOIL request has been forwarded to the organization(s) you selected, and the respective Records Access Officer will contact you directly for further processing of your request. Please allow up to five business days for such communication(s). For your convenience, here is additional contact information:

Department of Health
Corning Tower
Room 2364
Albany, NY 12237-0044

December 2, 2020 | 3:30 pm

Information on Novel Coronavirus

Coronavirus is still active in New York. We have to be smart. Wear a mask, maintain six feet distance in public and download the official New York State exposure notification app, COVID Alert NY.

GET THE FACTS >
(https://coronavirus.health.ny.gov/home)

Open FOIL NY (https://www.ny.gov/programs/open-foil-ny)

Thank you for submitting your request through Open FOIL NY. Here is your Open FOIL NY confirmation information for future reference:

LANE_DOH_20201203111414378

Your FOIL request has been forwarded to the organization(s) you selected, and the respective Records Access Officer will contact you directly for further processing of your request.

Please allow up to five business days for such communication(s).

In light of New York State's reduction in workforce as part of the ongoing response to the COVID-19 pandemic, there may be delays in response to FOIL requests. Thank you for your patience during this extraordinary time.

For your convenience, here is additional contact information:

Department of Health Records Access Office
Corning Tower
Room 2364
Albany NY, 12237-0044

SUBMIT NEW FOIL REQUEST

(http://www.ny.gov/node/56891)
Services (http://www.ny.gov/services)
Programs (http://www.ny.gov/programs)
Site Map (http://www.ny.gov/sitemap)

December 2, 2020 | 3:30 pm

Information on Novel Coronavirus

Coronavirus is still active in New York. We have to be smart. Wear a mask, maintain six feet distance in public and download the official New York State exposure notification app, COVID Alert NY.

GET THE FACTS >
(https://coronavirus.health.ny.gov/home)

Open FOIL NY (https://www.ny.gov/programs/open-foil-ny)

Review & Submit FOIL Request

Records requested from:

- Department of Health

Title:

Mr.

First Name:

Nicholas

Middle Initial:

Last Name:

Lane

Email Address:

nicholas.lane@fpaengineers.com

Organization:

French and Parrello Associates

Address Line 1:

1800 Rt 34 suite 101

Address Line 2:

City:

Wall

State / Province:

NJ

Zip / Postal Code:

07719

Country:

USA

Phone:

(732) 312-9687

Fax:

(732) 312-9801

Short title of requested records:

Site Remediation

FOIL Request / Description of records sought:

French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.

Response Format:

Email

Fee Limit:

$10

Checked Additional Information:

- I am affiliated with a private corporation and am seeking information for use in the company's business for commercial purpose

Uploaded Files:

- NYSDOH FOIL Letter.docx - 0.142488 MB

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Privacy Policy (http://www.ny.gov/node/56891)
Programs (http://www.ny.gov/programs)

Services (http://www.ny.gov/services)

Site Map (http://www.ny.gov/sitemap)

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- Envirofacts
- Search Results

Search Results

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Multisystem Search

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System Data Searches

About the Data

Data Downloads

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Services

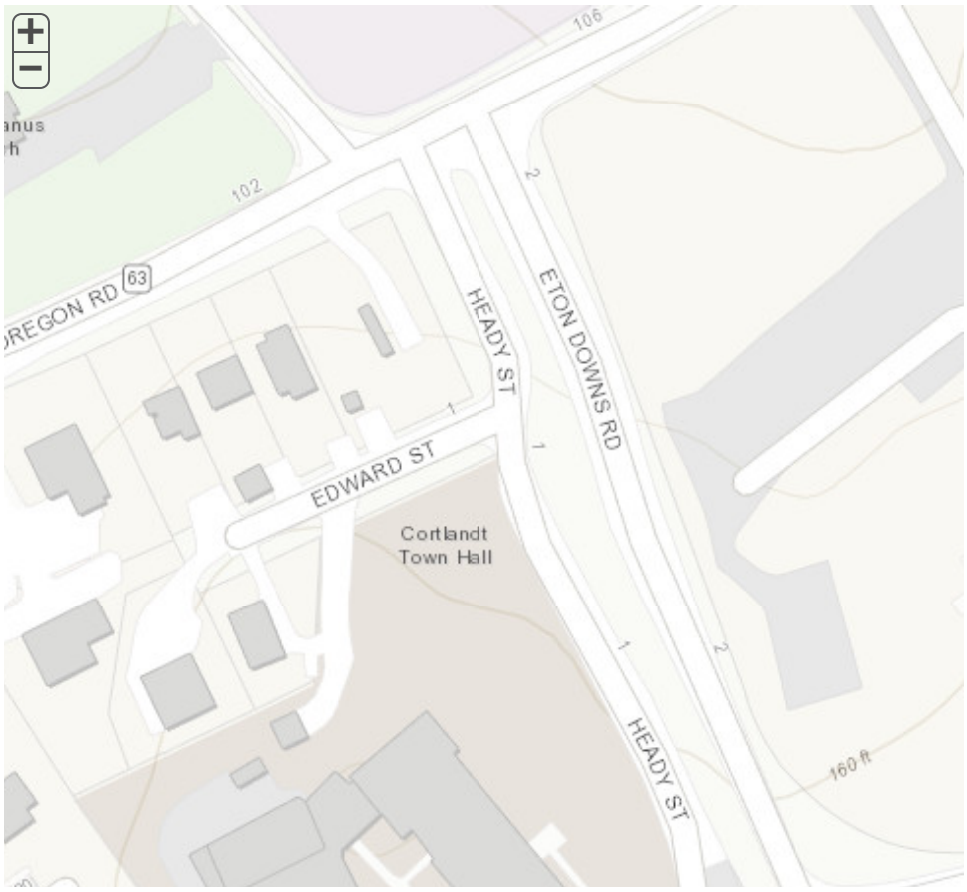
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Other Datasets

Envirofacts Links

- EF Overview
- Search
- Model
- Data Update
- Multisystem Search User Guide
- Contact Us

Search Results for:
119 Oregon Rd, Cortlandt Manor, New York, 10567



The facility list below is based upon the facilities that are visible with the map above. To refine your search to a more targeted area of interest, please visit the Envirofacts Multisystem Search Form. To search Envirofacts via an interactive map, please view your results in EnviroMapper for Envirofacts

Total Number of Facilities Displayed: 0

Return to more topical information

MyProperty Search Results

NO INFORMATION FOUND FOR THE SUBMITTED ADDRESS

No records were found within the EPA's Facility Registry System (FRS) list of address records for the provided search location. The No Records Certificate is a link to a printable document stating that no record (s) were found for the provided search location.

Search Criteria
Address Searched: 119 Oregon Road
City Searched: Cortlandt
State Searched: NY

WARNING:
The address entered could not be matched exactly against the EPA's Facility Registry System (FRS) list of address records.
Please make sure you have entered the address correctly for the location you are interested in.

If you would like to utilize additional search tools to investigate areas of interest, please visit the Envirofacts or the Facility Registry System search tools.

Query executed on 12/28/2020 02:23 PM

Disclaimer: The MyProperty reports are provided solely for informational purposes. They do not provide legal advice, have legally binding effect, or expressly or implicitly create, expand, or limit any legal rights obligations, responsibilities, expectations, or benefits in regard to any person. EPA maintains the applicatio to enhance public access to environmental information. This service has continual data updates, and we wi correct errors brought to our attention, as appropriate.

LAST UPDATED ON {MONTH DAY, YYYY}

FOIL Request Has Been Sent

Your request for information has been sent. Someone from the specified department will contact you soon.

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Freedom of Information Law

The Westchester County administration is committed to running a transparent government. As part of that, it complies with the New York State Freedom of Information Law (FOIL). In addition, many county records, including those relating to county contracts, are available online.

FOIL provides the public with the right to access certain government records. The New York State Legislature clearly noted the purpose of FOIL, as specified in the New York State Public Officers Law §84:

> The legislature hereby finds that a free society is maintained when government is responsive and responsible to the public, and when the public is aware of governmental actions. The more open a government is with its citizenry, the greater the understanding and participation of the public in government.

FOIL requires governments to accept FOIL requests for records submitted in the form of electronic mail and to respond by electronic mail to the extent practicable.

If you wish to make a FOIL request for documents by e-mail, enter at least the required information, as indicated by the field names in bold text and then select from the drop down menu the appropriate county department to which you wish to direct your FOIL request. If you have documents to send to the department, wait until the department contacts you to coordinate sending any further information.

Name	Nicholas Lane
Email Address	nicholas.lane@fpaengineers
Confirm e-mail address	nicholas.lane@fpaengineers
Street Address	1800 Rt 34 suite 101
City	Wall
Zip	07719
Comments	of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.

From the drop-down menu, select the department to which you wish to send your FOIL request:

Department List County Clerk

Enter the verification code in the field below in order to submit the form.

If you cannot read the code, click the circle of arrows to retrieve a different one.

6YMD3  refresh

Submit

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Neil Jiorle

From: FOIL-CC <FOIL-CC@westchestergov.com>
Sent: Friday, December 4, 2020 3:33 PM
To: Nicholas Lane
Subject: RE: Foil Request

Dear Mr. Lane,

Pursuant to the provisions of the New York State Freedom of Information Law, I am writing to respond to your request for records from this office. Your request is denied, as this office does not possess the records described in your request.

This office is responsible for the filing of court records for the Supreme and County Courts of Westchester County, as well as the recordation of land records such as deeds and mortgages for the County. This is not the office where environmental records would be filed. To the extent that you are looking for permits or certificates of occupancy, those are filed with the local municipality, not the county. To the extent that you are looking for assessments of the property, those would be created and maintained by the local tax assessor for the municipality, not the county.

The documents you have requested, to the extent that any exist, would likely be in the possession of the U.S. Environmental Protection Agency, the NYS Department of Environmental Conservation, the Westchester County Health Department (FOIL-DOH@WestchesterGov.com), and/or the Local Municipality.

To the extent that your request may pertain to court records, these are obtainable under Judiciary Law § 255, and may be requested from our Legal Division by providing the name of the case or the index number of the case to CC-Legal@WestchesterGov.com or 914-995-3070. Legal records can also be researched online using Westchester Records Online at http://wro.WestchesterClerk.com.

To the extent that your request may pertain to deeds or other property records, these are available pursuant to CPLR § 8019(f), and may be requested from our Land Records Division by providing the names of the parties to the document to CC-Land@WestchesterGov.com or 914-995-3094. Land records can also be researched online using Westchester Records Online at http://wro.WestchesterClerk.com.

If for any reason you are unsatisfied with this response, you have the right to appeal this decision to the records access appeals officer, Westchester County Attorney John M. Nonna, 148 Martine Avenue, White Plains, New York 10601, FOIL-Appeals@westchestergov.com, within the statutory timeframe for such appeal.

John J. Allen
Deputy County Clerk
FOIL Records Access Officer

From: Nicholas Lane <nicholas.lane@fpaengineers.com>
Sent: Thursday, December 3, 2020 11:20 AM
To: FOIL-CC <FOIL-CC@westchestergov.com>
Subject: Foil Request

Information is being requested of: **FOIL-CC@westchestergov.com.**

Individual or organization requesting the information:

Name: **Nicholas Lane**

Street Address: **1800 Rt 34 suite 101**

City: **Wall**

Zip: **07719**

E-mail address: **nicholas.lane@fpaengineers.com**

Comments and request explained:
French & Parrello Associates, P.A. is performing an Environmental Site Assessment of the above referenced Residential Property. As part of our assessment, we ask that your office perform a records search to identify information including, but not be limited to, Licensed Site Remediation Professional submittals, hazardous substances, hazardous substance discharges, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, environmental permits, and the overall environmental quality of the site. Also, permits for heating oil, furnaces, and oil conversion to gas. A time frame of 2000 to present should be utilized.

APPENDIX F

Resume



Neil P. Jiorle, LSRP

Senior Project Manager, Environmental Services

Mr. Jiorle has over 39 years of professional experience. He is a New Jersey Licensed Site Remediation Professional and familiar with various environmental laws and regulations in New Jersey, New York, Pennsylvania, and at the federal level. Mr. Jiorle's previous projects have included industrial, commercial, governmental, and residential. He has experience with all phases of projects from proposal preparation through completion. Mr. Jiorle's experience includes conducting and managing environmental investigations and hazardous waste site remediation projects, including six years with the New Jersey Department of Environmental Protection. He served as Section Chief in the New Jersey Department of Environmental Protection's Bureau of Site Assessment. In that role he coordinated a Federal Comprehensive Environmental Response, Compensation, and Liability Act (Superfund) grant project that implemented over 1,200 preliminary assessments and site investigations, along with ranking sites for inclusion on the Superfund National Priorities List; managed New Jersey's Resource Conservation and Recovery Act (RCRA) Facility Assessment/Facility Investigation Program; and served as a case manager with the Bureau of Federal Case Management.

Mr. Jiorle has worked in the environmental consulting field in the private sector for more than 30 years. During this time, he has provided environmental consulting services to various types of private sector clients including industrial, commercial, telecommunication, pharmaceutical, insurance and banking, as well as public sector clients at the federal, state, county and local levels. He has experience with multiple phases of projects including scope of work development, cost estimating, proposal preparation and project implementation from inception through completion.

Mr. Jiorle has taught ASTM International training courses nationwide on standards involving Phase I & II Environmental Site Assessments pursuant to the Small Business Liability Relief and Revitalization Act (the Federal Brownfields Law), 40 CFR Part 312, to demonstrate "All Appropriate Inquiry" into pre-existing contamination.

CAREER SNAPSHOT

- 39 Years of Experience
- Taught ASTM Environmental Courses

EDUCATION

- BS, Biology, Monmouth College

REGISTRATIONS/ LICENSES

- Licensed Site Remediation Professional
- NJDOH Registered Environmental Health Specialist

SPECIALIZED TRAINING

- Underground Storage Tank Closure and Subsurface Evaluation Certification, NJDEP
- Certified Environmental Professional
- Certified Hazardous Materials Manager
- NJ Class A/B UST Operator
- Hazardous Materials Incident Response Operations Course
- OSHA 8-Hour Hazardous Waste Refresher Course
- OSHA 40-Hour HAZWOPER Health & Safety Course
- OSHA 8-Hour HAZWOPER Health & Safety Supervisor Training

AFFILIATIONS

- ASTM International, Member
- NJ LSRP Association

PROJECT EXPERIENCE

New Jersey Department of Environmental Protection (NJDEP) Industrial Site Recovery Act (ISRA) Preliminary Assessments (PA) Site Investigations (SI), Remedial Investigations (RI), and Remedial Actions (RA)
Newark, North Bergen, and Pompton Lakes, New Jersey
Licensed Site Remediation Professional responsible for reviewing historical and current operational, regulatory and environmental information for three ready mix concrete manufacturing facilities as part of business/property transactions. Prepare SI work plans for subsurface investigation activities. French & Parrello contracted by the seller to achieve NJDEP ISRA regulatory compliance.

New Jersey Department of Environmental Protection (NJDEP) Underground Storage Tank (UST) Closure Remedial Investigation (RI)
Asbury Park, New Jersey
Licensed Site Remediation Professional responsible for the project to complete the soil and groundwater remedial investigation at the active DPW facility for UST closures that occurred in the 1990s. Services included performing a subsurface geophysical survey, monitoring well installation and groundwater sampling, subsurface soil sampling, remedial investigation of the extent of soil and groundwater contamination including an unknown source investigation, vapor intrusion investigation, coordination of investigation derived waste transportation and disposal, remedial investigation report preparation, remedial action work plan development, public notification, preparation of a Public Participation Plan, and meetings with City of Asbury Park and NJDEP representatives. FPA has delineated the extent of soil and groundwater contamination and completed the vapor intrusion receptor evaluation.

New Jersey Department of Environmental Protection (NJDEP) Industrial Site Recovery Act (ISRA) Groundwater Remedial Investigation (RI)
Roseland, New Jersey
Licensed Site Remediation Professional responsible for the project to complete the groundwater RI at a former manufacturing facility. The project currently involves the installation of a sentinel monitoring well, sampling and analysis of groundwater from an on-site and off-site monitoring well network, preparation of a groundwater Classification Exception Area/Well Restriction Area (CEA/WRA) application for submission to the NJDEP, and preparation of a groundwater Remedial Investigation Report. French & Parrello contracted by the seller to achieve NJDEP ISRA regulatory compliance.

New Jersey Department of Environmental Protection (NJDEP) Underground Storage Tank (UST) Closure Regulatory Compliance Assistance and Expert Services
Keyport, New Jersey
Licensed Site Remediation Professional responsible for project to review available historical UST closure documentation and supplemented it with current sampling data in order to complete the Remedial Investigation Report/Remedial Action Report and issue the Response Action Outcome. Also provided expert services to the client for litigation with UST closure contractor.

New Jersey Department of Environmental Protection (NJDEP) Underground Storage Tank (UST) Closure Site Investigation (SI) and Response Action Outcome (RAO)
Fair Lawn, New Jersey
Licensed Site Remediation Professional responsible for project. Reviewed available historical UST closure documentation and supplemented it with current sampling data in order to complete the SI report. Prepared current Receptor Evaluation and Response Action Outcome.

Vopak Terminal Perth Amboy Continuous Remediation Oversight
Perth Amboy, New Jersey
Project Manager responsible for Client purchased former petroleum terminal. LSRP for project to conduct continuous field oversight of client's subcontractor performing remedial activities and of consultant/contracting team performing interim remedial measures on behalf of seller.

New Jersey Department of Environmental Protection (NJDEP) Industrial Site Recovery Act (ISRA) Preliminary Assessment (PA) and Response Action Outcome (RAO)
Newark, New Jersey
Licensed Site Remediation Professional responsible for the project to achieve regulatory compliance. Reviewed all available information from prior remedial investigations and remedial actions, conducted a site reconnaissance and analyzed information to produce an RAO to complete the ISRA process and close the case under the existing engineering and administrative controls. The site was a former flavors and fragrances manufacturing operation that was being purchased for a new use.

Former South Ward Industrial Park, 802-814 Bergen Street
Newark, New Jersey
Project Manager responsible for coordinating environmental services for the City of Newark Brick City Development Corporation at a 7.7-acre site on which is located at 100,000 ft2 warehouse. Resolved various environmental issues at the site in order to close approximately 20 outstanding/open New Jersey Department of Environmental Protection (NJDEP) case numbers. Compiled sufficient supporting documentation through thorough due diligence and comprehensive historical background information gathering to successfully close 16 of the open case numbers and obtain No Further Action determinations for these from the NJDEP without the need to perform extensive intrusive activities.

Former South Ward Industrial Park, 802-814 Bergen Street
Newark, New Jersey
Project Manager/Licensed Site Remediation Professional responsible for managing environmental remediation services on behalf of the City of Newark Brick City Development Corporation to facilitate sale of the property to a private business entity. Environmental services ranged from additional background data collection, regulatory communication and negotiation with NJDEP, contaminant delineation, reporting requirements, work plan development, remedial contractor coordination, remedial action implementation, post-remedial soil and groundwater sampling for laboratory analysis, reporting and transactional support. Over 500 tons of petroleum hydrocarbon-impacted soil was removed, and site restoration was completed with no disruption of facility activities. Four groundwater monitoring wells were installed and are being sampled quarterly to track decreasing trends in groundwater contamination with the objective of demonstrating that remediation through natural attenuation is successfully occurring.

Grand Street Mercury National Priorities List (NPL) Site Expert Testimony
Hoboken, New Jersey
Expert Witness responsible for expert regulatory assistance and litigation support to attorneys representing one of the named responsible parties in a civil action involving this Superfund site.

Former New Brunswick Gas Works Environmental Investigation
New Brunswick, New Jersey
Project Manager responsible for coordinating all aspects of the implementation of the PA and SI to identify potential areas of concern at this historic manufactured gas plant site. Prepared the report for PSE&G for submission to the NJDEP.

City of Long Branch Environmental Investigations
Long Branch, New Jersey
Project Manager responsible for coordinating and conducting various environmental projects related to the City's Redevelopment Master Plan including environmental investigation and remedial activities in conformance with New Jersey's Technical Requirements for Site Remediation, N.J.A.C. 7:26E, as part of the redevelopment of a contaminated parcel adjacent to the former Long Branch Manufactured Gas Plant site into a municipal park.

APPENDIX B

Phase II Environmental Site Assessment Report 8/15/21

FRENCH & PARRELLO ASSOCIATES

Advancing Our Client's Vision
IMPROVING OUR WORLD

Phase II Environmental Site Assessment

Proposed 119 Oregon Road Multifamily Development Site

Block 1, Lot 12
Town of Cortlandt
Westchester County, New York



Ms. Jennifer Baus
Senior Vice President Design and Entitlements
NRP HOLDINGS LLC
1228 Euclid Avenue 4th Floor
Cleveland, Ohio 44115

August 15, 2021
FPA No. 16875.002

FRENCH & PARRELLO ASSOCIATES

Corporate Office
1800 Route 34, Suite 101, Wall, New Jersey 07719

Regional Offices
King of Prussia, Pennsylvania
Bethlehem, Pennsylvania
Hackettstown, New Jersey
Camden, New Jersey
Newark, New Jersey
New York, New York
Atlanta, Georgia

August 15, 2021
VIA EMAIL (MKoenig@nrpgroup.com) ONLY

Ms. Jennifer Baus
Senior Vice President Design and Entitlements
NRP HOLDINGS LLC
1228 Euclid Avenue 4th Floor
Cleveland, Ohio 44115

Re: Phase II Environmental Site Assessment Report
Proposed 119 Oregon Road Multifamily Development Site
Block 1, Lot 12
Town of Cortlandt, Westchester County, New York
FPA No.16875.002

Dear Ms. Baus:

French & Parrello Associates (FPA) conducted a Phase II Environmental Site Assessment (ESA) for your pre-acquisition environmental due diligence of the above referenced Site, located at 119 Oregon Road, Block 1, Lot 12, Cortlandt, Westchester County, New York, identified by NRP Holdings LLC (NRP) as the Proposed 119 Oregon Road Multifamily Development Site (Site or Subject Property). FPA conducted the Phase II ESA in accordance with the ASTM International (ASTM) E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment.

FPA conducted a Phase I ESA in accordance with the ASTM E1527-13 Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment (ESA) Process that had identified three recognized environmental conditions (RECs) at the Site: REC-1: 500-gallon No. 2 Heating Oil Underground Storage Tank (UST) Still in Use, REC-2: 1,000-gallon No. 2 Heating Oil UST Still in Use, and REC-3: Random Dumping. The Phase I ESA also identified one Historical REC (HREC) at the site; HREC-1: Former 1,000-gallon No. 2 Heating Oil UST. The three RECs and one HREC warranted further assessment.

FPA retained a subcontractor, Accurate Tank Testing LLC (ATT), to perform integrity tests on the REC-1 and REC-2 USTs and to assist FPA with intrusive activities by advancing soil borings at the RECs and HREC locations for FPA to collect soil and groundwater samples for laboratory analysis.

FPA presents the following findings:

- **Leak Detection Integrity Tests**
  - ATT performed leak detection integrity tests on both USTs, REC-1 and REC-2, and determined that both systems failed the acoustic precision evaluation test. ATT's diagnostic report indicated that both the UST systems have a vacuum loss, implying that integrity of the USTs and/or associated piping is compromised.

- **REC-1: 500-gallon No. 2 Heating Oil Underground Storage Tank Still in Use**
  - This UST is beneath the ballroom on the west side of the main building and inaccessible by drilling equipment. FPA's drilling subcontractor advanced one boring outside of the building foundation approximately 20' north of the UST which was the closest location allowed by Site logistics. ATT advanced the boring to a depth of 12.5' below surface grade (bsg). FPA collected subsurface soil sample SI-1 from the 12.0'-12.5' bsg depth interval for laboratory analysis. ATT then installed a temporary well point (TWP) identified as TWP-SI-1 into the boring to collect groundwater sample TWP-SI-1 for laboratory analysis.
  - Targeted compounds were not detected in soil sample SI-1. Groundwater sample TWP-SI-1 analytical results indicated that targeted compounds were either not detected or below the Ambient Water Quality Standards (AWQS) and Guidance Values.
  - Post excavation confirmatory soil sampling will be necessary when the UST is removed to identify if petroleum hydrocarbons have migrated into and contaminated the surrounding soils based upon the failed integrity test and in consideration of the UST's age.

- **REC-2: 1,000-gallon No. 2 Heating Oil Underground Storage Tank Still in Use**
  - This UST is beneath the ballroom on the east side of the main building and inaccessible by drilling equipment. ATT advanced one boring outside of the building foundation approximately 35' northwest of the UST which was the closest location allowed by Site logistics. ATT advanced the boring to a depth of 14.5' bsg, Visual and olfactory observations indicated a strong presence of petroleum hydrocarbons just above the encountered water table. FPA collected subsurface soil sample SI-2 from the 14.0'-14.5' bsg depth interval for laboratory analysis. ATT then installed TWP-SI-2 into the boring to collect groundwater sample TWP-SI-2 for laboratory analysis.
  - Total xylenes were detected in soil sample SI-2 above the New York Codes, Rules and Regulations (NYCRR) Unrestricted Use Soil Cleanup Objectives (UUSCOs) Part 375-6.8(a) but not the Restricted Use Soil Cleanup Objective (SCO) Residential Public Health Standard (RPHS). 2-methylnapthalene was detected above the Restricted Use SCO RPHS. There is no UUSCO for 2-methylnapthalene.

- Groundwater sample TWP-SI-2 analytical results detected benzene, toluene, ethylbenzene, isopropyl benzene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, and chrysene above the AWQS.
- Additional investigation of soil and groundwater in the vicinity of REC-2 is warranted.

➢ **REC-3: Random Dumping**

- One soil boring was advanced adjacent to the dumped material biased to the lower elevation of the pile to determine if hazardous substances had leached from stormwater runoff. FPA collected subsurface soil sample SI-4 from the 6.0'-6.5' bsg depth interval for laboratory analysis.
- The soil sample was collected just below the encountered fill material in the soil column. Targeted compounds were not detected in soil sample SI-4.
- No additional investigation is warranted relative to the Random Dumping REC-3.

➢ **HREC-1: Former 1,000-gallon No. 2 Heating Oil UST**

- One soil boring was advanced near the approximate location of one former 1,000-gallon No. 2 heating oil UST. FPA collected soil sample SI-3 from the 14.0'-14.5' bsg depth interval, just below backfill material consisting of bank run sand, minor amounts of brick and slag fragments, and overburden soils.
- Targeted compounds were either not detected or detected below the most stringent NYCRR New York State Department of Environmental Conservation (NYSDEC) Standards in soil sample SI-3.
- Boring refusal did not allow for a TWP to be installed deep enough at this location.
- No additional investigation is warranted relative to this HREC.

The Phase II ESA scope of work also included pre-characterizing soil in certain areas of the Subject Project where the proposed development could result in excavation of excess soil that would need to be exported from the Site. The limited results indicated excess soil generated from the locations and depths sampled would be suitable for reuse provided no other analyses are required by the receiving facility.

We thank you for the opportunity to provide these environmental services. If you have any questions, please do not hesitate to contact the undersigned at 732-312-9800.

Sincerely,

FRENCH & PARRELLO ASSOCIATES



Neil P. Jiorle, LSRP
Senior Project Manager
Environmental Services

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  - 2.5.1 Soil Sample Results 6
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DRAWINGS

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Drawing No. 2 – Tax Parcel Map
Drawing No. 3 – Site Layout Map
Drawing No. 4 – Phase II ESA Sample Location Plan
Drawing No. 5 – Soil Sample Locations with Soil Analytical Results
Drawing No. 6 – Groundwater Sample Locations with Groundwater Analytical Results

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Table No. 4 – Summary of Soil Characterization Analytical Results Summary

APPENDICES

Appendix A – Underground Storage Tanks Integrity Tests
Appendix B – Boring Logs
Appendix C – Laboratory Data

1.0 INTRODUCTION

The NRP Group LLC (NRP) retained French & Parrello Associates (FPA) to conduct a Phase II Environmental Site Assessment (ESA) at the Subject Property identified as the Proposed 119 Oregon Road Multifamily Development Site, currently known as The Mansion at Colonial Terrace, 119 Oregon Road, Block 1, Lot 12, Town of Cortlandt, Westchester County, New York (hereafter referred to as the Site or Subject Property) as part of their environmental due diligence. The Subject Property location is presented as Drawing No. 1, United States Geological Survey (USGS) Topographic Map, Drawing No. 2, Tax Map and Drawing No. 3, Site Layout Map.

FPA had previously conducted a Phase I ESA in January of 2021 and identified three Recognized Environmental Conditions (RECs) and one Historic Recognized Environmental Condition (HREC) at the Site. FPA conducted the Phase II ESA in accordance with the ASTM E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment.

2.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT ACTIVITIES

The Phase II ESA included the:

- advancement of soil borings within the Subject Property
- collection of soil samples for laboratory analysis
- comparison of the soil sample analytical results to the applicable New York Codes, Rules and Regulations (NYCRR) and New York State Department of Environmental Conservation (NYSDEC) Remedial Program Soil Cleanup Objectives
- installation of temporary well points (TWPs) in the soil borings within the Subject Property
- collection of groundwater samples from the TWPs for laboratory analysis
- comparison of the groundwater samples to the applicable NYSDEC Class GA water quality standards (GA = Source of Drinking Water [fresh groundwater])
- the preparation of this Phase II ESA Report

The Phase II ESA scope of work also included collecting soil samples for laboratory analysis to "pre-characterize" soil in certain areas of the Subject Project where the proposed development could result in excess soil that would need to be excavated and exported from the Site. NRP wanted this pre-characterization of this soil to determine the concentrations of certain naturally occurring metals that are typically evaluated for soil reuse approvals. These analyses included the US Environmental Protection Agency (EPA) Resource Conservation and Recovery Act (RCRA) eight metals: arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. FPA directed the laboratory to perform the analysis in accordance with the Toxicity Characteristic Leaching Procedure (TCLP), EPA Method 1311, and also for total metals concentrations.

The following sections outline the Phase II ESA activities performed, present analytical results, and present our findings.

2.1 UST Integrity Diagnostic Testing

FPA's subcontractor, Accurate Tank Testing LLC (ATT), conducted a leak detection integrity test of the two USTs located at the Subject Property on March 12, 2021. The evaluation was completed using a vacuum calculation mechanism known as the "EZY3 Locator Plus". The vacuum trend analysis determined that both UST systems failed due to vacuum loss likely attributable to a leak either within the USTs or along the associated piping (Appendix A).

2.2 Site Assessment of Soils

ATT, on March 12, 2021, advanced one soil boring at each REC/HREC location (Appendix B) and an additional three soil borings for pre-characterization of excess fill material that will be generated from the proposed improvements to the Site. ATT utilized a small, track-mounted, Geoprobe® mobile direct-push drill rig to advance the borings. The four-foot long Geoprobe® metal drilling cores were lined with acetate, removable and disposable, soil retrieval sleeves. The sleeves recovered from the borings were opened and scanned with a properly calibrated photo ionization detector (PID) field instrument for the presence of volatile organic vapors and evaluated for the physical evidence of impacts (i.e., unusual odor, discoloration, staining, physical

appearance of hydrocarbon-like sheen, etc.). The locations of some soil borings were adjusted from the Phase I ESA REC Location Plan due to field conditions and accessibility of the track-mounted Geoprobe® through wooded or confined areas.

The sampling of soil protocol included the collection of one soil sample from each boring; from a six-inch interval where the highest physical evidence of impact, highest field screened PID readings or if the first two cases were not encountered then the sample was collected just above the groundwater table. Soil samples collected for the pre-characterization of soil within the proposed Site improvements included the composite collection of soil from 2' intervals to a maximum depth of 10' below surface grade (bsg). The borings advanced at REC-1 and HREC-1 were also utilized for the pre-characterization sampling event.

Soil boring SI-1 was advanced adjacent to the western ballroom area of the main building. Soil sample SI-1 was collected from 12.0'-12.5' bsg interval. Soil sample SC-1 collected from this boring was a composite sample collected from 0.0'-10.0' bsg at 2' intervals. No elevated PID readings were detected, and no visual or olfactory evidence of environmental impact was observed. The depth to water at boring SI-1 was 14.55' bsg.

Soil boring SI-2 was advanced adjacent to the eastern ballroom area of the main building. Soil sample SI-2 was collected from 14'-14.5' bsg interval. Elevated PID readings were detected and olfactory evidence of environmental impact was observed beginning at approximately 8.5' bsg and continued into the water table which was encountered at 9.25' bsg. The elevated PID readings and physical evidence of impact continued into the water table to a depth of 15.5' bsg.

Soil boring SI-3 was advanced to the southeast of the main building. Soil sample SI-3 was collected from 14.0'-14.5' bsg interval. No elevated PID readings were detected, though evidence of fill material was encountered at 13'-14' bsg and therefore the soil sample SI-3 was collected just beneath the nonnative material we believe the former UST grave was backfilled with. Soil sample SC-2 collected from this boring was a composite sample collected from 0.0'-10.0' bsg at

2’ intervals. The depth to water interface at boring SI-3 was not encountered due to refusal at 17’ bsg.

Soil boring SI-4 was advanced on the southeastern portion of the Subject Property adjacent to the REC-3 Random Dumping area. Soil sample SI-4 was collected from the 6.0’-6.5’ bsg interval, just below where fill material consisting of red brick and asphalt chunks was observed. No elevated PID readings were detected, and no olfactory evidence of environmental impact was observed. The depth to water interface at boring SI-4 was not encountered. The boring was terminated at 12’ bsg.

The remaining soil samples (SC-3, SC-4, and SC-5) were composite samples collected from depths of 0’-10’ bsg and collected from a six-inch aliquot portion every two feet through the soil column. The soil was then blended and combined in laboratory supplied glassware.

The samples were transferred directly into laboratory supplied glassware, preserved in a temperature-controlled environment (4°C), until they were transported to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) laboratory certified for the requested analytical methods and under complete chain-of-custody documentation. Soil samples SI-1, SI-2, and SI-3 were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs), TCL polycyclic aromatic hydrocarbons (PAH), and total petroleum hydrocarbons (TPHC) diesel range organics (DRO). Sample SI-4 was analyzed for TCL VOCs and TPHC DRO. The pre-characterization soil samples (SC-1 through SC-5) were analyzed for Target Analyte List (TAL) metals, and TCLP metals. Refer to Drawing No. 4 for the soil sample locations; refer to Table No. 1 for a field sampling summary.

2.3 Site Assessment of Groundwater

On March 12, 2021, during the installation of soil borings, FPA also oversaw the installation of TWPs within borings SI-1 and SI-2. The TWPs were constructed of 1-inch diameter riser with 8 feet of 1-inch diameter slotted screen. After installation, the TWPs were then purged with a

peristaltic pump until turbidity within the purge water decreased from initial purge levels and stabilized. One groundwater sample was collected from each installed TWP.

TWP-SI-1 was installed within the SI-1 boring. The depth to water elevation was 14.55' bsg. TWP-SI-2 was installed within SI-2. The depth to water elevation was 9.25' bsg with a petroleum hydrocarbon odor emanating from the TWP and a PID reading of 130 parts per million (ppm).

The samples were transferred directly into laboratory supplied glassware, preserved in a temperature-controlled environment (4°C), until they were transported to a NYSDOH-ELAP laboratory certified for the requested analytical methods, and under complete chain-of-custody documentation. Groundwater samples TWP-SI-1 and TWP-SI-2 were analyzed for VOCs and PAHs. Refer to Drawing No. 4 for the groundwater sample locations; refer to Table No. 1 for a for a field sampling summary.

2.4 Laboratory Quality Assurance/Quality Control

The samples were submitted to Integrated Analytical Laboratories (IAL), NYSDOH-ELAP Certification No. 11402, for analysis. FPA reviewed IAL's Quality Assurance/Quality Control (QA/QC) information to evaluate the overall data package.

The soil and aqueous VOC samples were received and analyzed within holding times and met the QA/QC criteria for calibration curves, internal standards recoveries, surrogate percent recoveries, Laboratory Control Samples (LCS) percent recoveries, and the Matrix Spike (MS)/Matrix Spike Duplicates (MSD) relative percent differences (RPD) and the percent recoveries. The VOC groundwater samples MS/MSDs were not analyzed due to insufficient sample volume.

The soil PAH samples were received, extracted, and analyzed within holding times and met the QA/QC criteria for calibration curves, internal standards recoveries, surrogate percent recoveries, LCS percent recoveries, and the MS/MSD RPD and percent recoveries.

The groundwater PAH samples were received, extracted, and analyzed by EPA Method 8270E Selective Ion Monitoring SIM) within holding times and met the QA/QC criteria for calibration curves, internal standards recoveries, surrogate percent recoveries, LCS percent recoveries, and the MS/MSD RPD and percent recoveries. Surrogate recoveries did not meet QA/QC criteria due to sediment levels of approximately 5% in the samples which resulted in dilutions by a factor of 100.

The soil TPHC DRO samples were received, extracted, and analyzed within holding times and met the QA/QC criteria for calibration curves, internal standards recoveries, surrogate percent recoveries, LCS percent recoveries, and the MS/MSD RPD and percent recoveries.

The soil samples analyzed for total metals were received, digested, and analyzed within holding times and met the QA/QC criteria for calibration curves, internal standards recoveries, surrogate percent recoveries, LCS percent recoveries, MS RPD and percent recoveries, and serial dilutions.

The soil samples analyzed for TCLP metals were received, leached, digested, and analyzed within holding times and met the QA/QC criteria for calibration curves, internal standards recoveries, surrogate percent recoveries, LCS percent recoveries, MS RPD and percent recoveries, and serial dilutions.

FPA reviewed the data package and has determined the data to be usable for this project.

2.5 Summary of Impacted Media

2.5.1 Soil Sample Results

Targeted compounds were either not detected or detected below the NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) in samples SI-1, SI-3, and SI-4 according to the analytical results. Total xylenes were detected in soil sample SI-2 above the UUSCOs but not the Restricted Use Soil Cleanup Objective (SCO) Residential Public Health Standard (RPHS). Samples SI-1, SI-3, and SI-4 were non-detect for TPHC DRO. Sample SI-2 had a TPHC DRO

concentration of 3,210 milligrams per kilogram (mg/kg). There is no UUSCO for TPHC DRO. 2-methylnapthalene was detected above the Restricted Use SCO RPHS. There is no UUSCO for 2-methylnapthalene. All soil pre-characterization samples (SC-1, SC-2, SC-3, SC-4, and SC-5) were either not detected or detect below the regulatory threshold for TAL metals and TCLP metals. Refer to Table No. 2 for a summary of the soil sample analytical results; refer to Table No. 4 for the soil characterization sample analytical results summary; refer to Appendix C for the soil sample laboratory analytical results. Drawing No. 5 presents the soil sample locations with a summary analytical results chem-box.

2.5.2 Groundwater Sample Results

Groundwater sample TWP-SI-2 analytical results detected benzene, toluene, ethylbenzene, isopropyl benzene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, and chrysene at concentrations exceeding the Ambient Water Quality Standards (AWQS). The NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 AWQS for Class GA (sources of drinking water) generally correspond to the EPA Maximum Contaminant Levels (MCLs) for drinking water quality. Refer to Table No. 3 for a summary of groundwater sample analytical results; refer to Appendix C for the groundwater sample laboratory analytical results.

Groundwater sample TWP-SI-1 analytical results indicated that targeted compounds were either not detected or below the AWQS for Class GA (sources of drinking water).

Drawing No. 6 presents the groundwater sample locations with a summary analytical results chem-box.

2.6 Significant Event Variation

No significant events or seasonal variations have influenced the sampling procedures or analytical results during the completion of this Phase II ESA.

3.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT FINDINGS

NRP retained FPA to conduct a Phase II ESA at the Subject Property identified as the Proposed 119 Oregon Road Multifamily Development Site, currently known as The Mansion at Colonial Terrace, 119 Oregon Road, Block 1, Lot 12, Town of Cortlandt, Westchester County, New York. FPA conducted the Phase II ESA in accordance with the ASTM E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment.

FPA presents the following findings:

- **REC-1: 500-gallon No. 2 Heating Oil Underground Storage Tank Still in Use**
    - ATT performed a leak detection integrity test on REC-1 and determined that the system failed the acoustic precision evaluation test. ATT's diagnostic report indicated that the UST system had a vacuum loss, implying that integrity of the UST and/or associated piping is compromised.
    - FPA's drilling subcontractor advanced one soil boring, SI-1, to a depth of 20' bsg adjacent the building nearest to the UST which is located under the ballroom on the west side of the main building. FPA collected one subsurface soil sample, SI-1, for laboratory analysis. The drilling subcontractor then installed a TWP and FPA collected one groundwater sample, TWP-SI-1, for laboratory analysis.
    - Targeted compounds were not detected in soil sample SI-1.
    - Targeted compounds were either not detected or below the AWQS in groundwater sample TWP-SI-1.
    - Post excavation confirmatory soil sampling will be necessary when the UST is removed to identify if petroleum hydrocarbons have migrated into and contaminated the surrounding soils based upon the failed integrity test and in consideration of the UST's age.
- **REC-2: 1,000-gallon No. 2 Heating Oil Underground Storage Tank Still in Use**
    - ATT performed a leak detection integrity test on REC-2 and determined that the system failed the acoustic precision evaluation test. ATT's diagnostic report

indicated that the UST system had a vacuum loss, implying that integrity of the UST and/or associated piping is compromised.

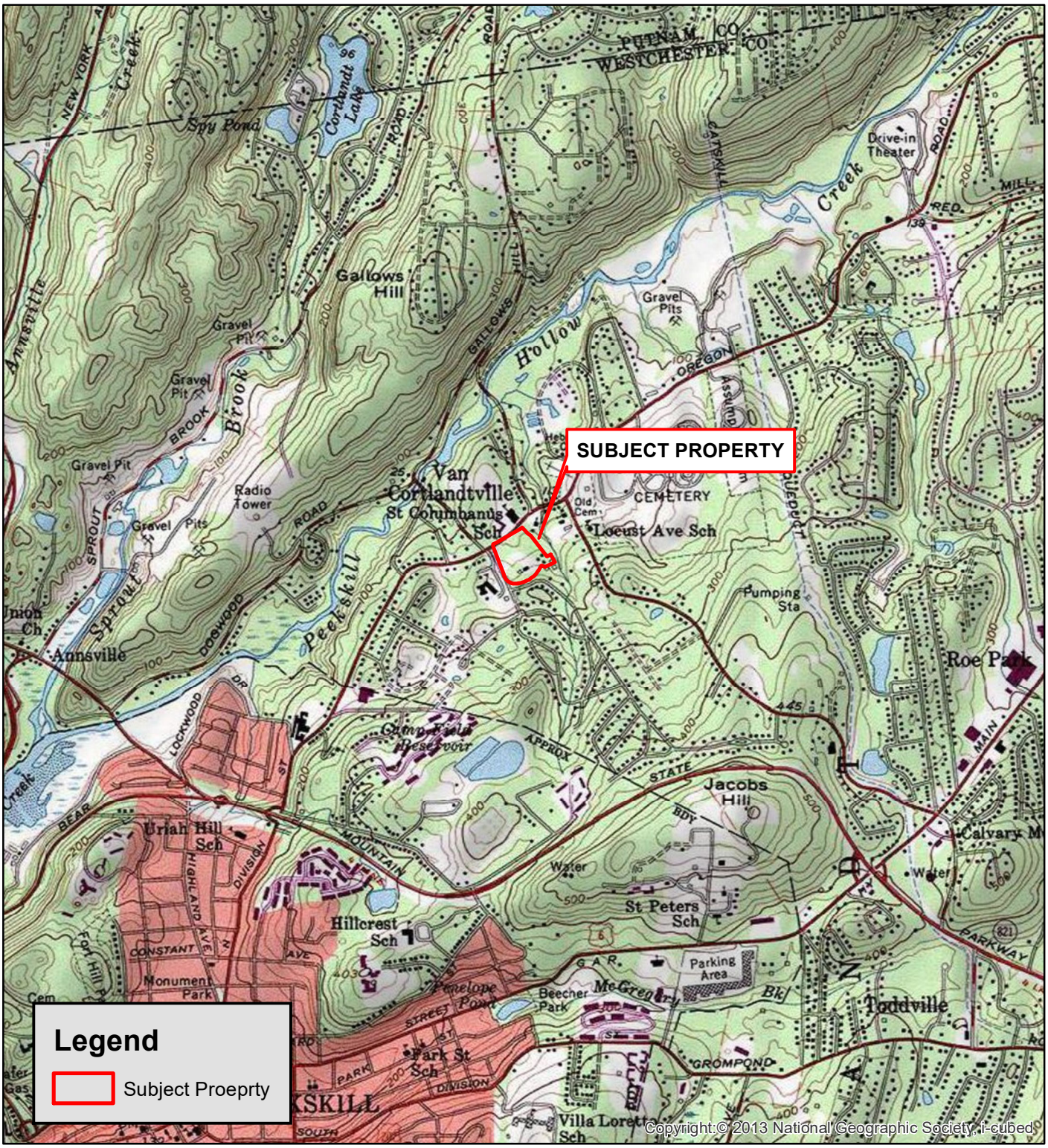
- FPA's drilling subcontractor advanced one boring, SI-2, to a depth of 20' bsg outside of the building nearest the UST which is located under the ballroom on the east side of the main building. PID readings, visual, and olfactory observations indicated the presence of petroleum hydrocarbons beginning at approximately 8.5' bsg and continued into the water table which was encountered at 9.25' bsg. The elevated PID readings and physical evidence of impact continued into the water table to a depth of 15.5' bsg. FPA collected one subsurface soil sample, SI-2, for laboratory analysis. The drilling subcontractor then installed a TWP and FPA collected one groundwater sample, TWP-SI-2, for laboratory analysis.
- Total xylenes were detected in soil sample SI-2 above the UUSCOs but not the Restricted Use SCOs RPHS. 2-methylnapthalene was detected above the Restricted Use SCO RPHS. There is no UUSCO for 2-methylnapthalene. Samples SI-1, SI-3, and SI-4 were non-detect for TPHC DRO. Sample SI-2 had a TPHC DRO concentration of 3,210 mg/kg. There is no UUSCO for TPHC DRO.
- Groundwater sample TWP-SI-2 analytical results detected benzene, toluene, ethylbenzene, isopropyl benzene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, and chrysene above the AWQS for Class GA (fresh groundwater).
- Additional investigation of soil and groundwater in the vicinity of REC-2 is warranted.

- **REC-3: Random Dumping**
  - FPA's drilling subcontractor advanced one boring, SI-4, adjacent to the dumped material and FPA collected one soil sample, SI-4, just below the encountered fill material in the soil column at the 6.0'-6.5' depth interval for laboratory analysis.
  - Targeted compounds were not detected in soil sample SI-4.
  - No additional investigation is warranted relative to the Random Dumping REC.

- **HREC-1: Former 1,000-gallon No. 2 Heating Oil UST**
    - FPA's drilling subcontractor advanced one boring, SI-3, near the approximate location of one former 1,000-gallon No. 2 heating oil UST and FPA collected soil sample SI-3 from the 14.0'-14.5' bsg depth interval, just below backfill material consisting of bank run sand, minor amounts of brick and slag fragments, and overburden soils. Boring refusal did not allow for a TWP to be installed deep enough at this location.
    - Targeted compounds were either not detected or detected below the most stringent NYSDEC Standards in soil sample SI-3.
    - No additional investigation is warranted relative to this HREC.

The Phase II ESA scope of work also included pre-characterizing soil in certain areas of the Subject Project where the proposed development could result in excess soil that would need to be excavated and exported from the Site. The analytical results for the five pre-characterization samples, SC-1, SC-2, SC-3, SC-4, and SC-5, were either not detected or detect below the regulatory threshold for TAL metals and TCLP metals. These limited results indicate excess soil generated from the locations and depths sampled would be suitable for reuse on residential or commercial/industrial sites provided no other analyses are required by the receiving facility.

Drawings



NOTE: Quadrangle information located at https://gis.ny.gov/gisdata/quads/drg24/ee47.htm.

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119 OREGON ROAD MULTIFAMILY DEVELOPMENT

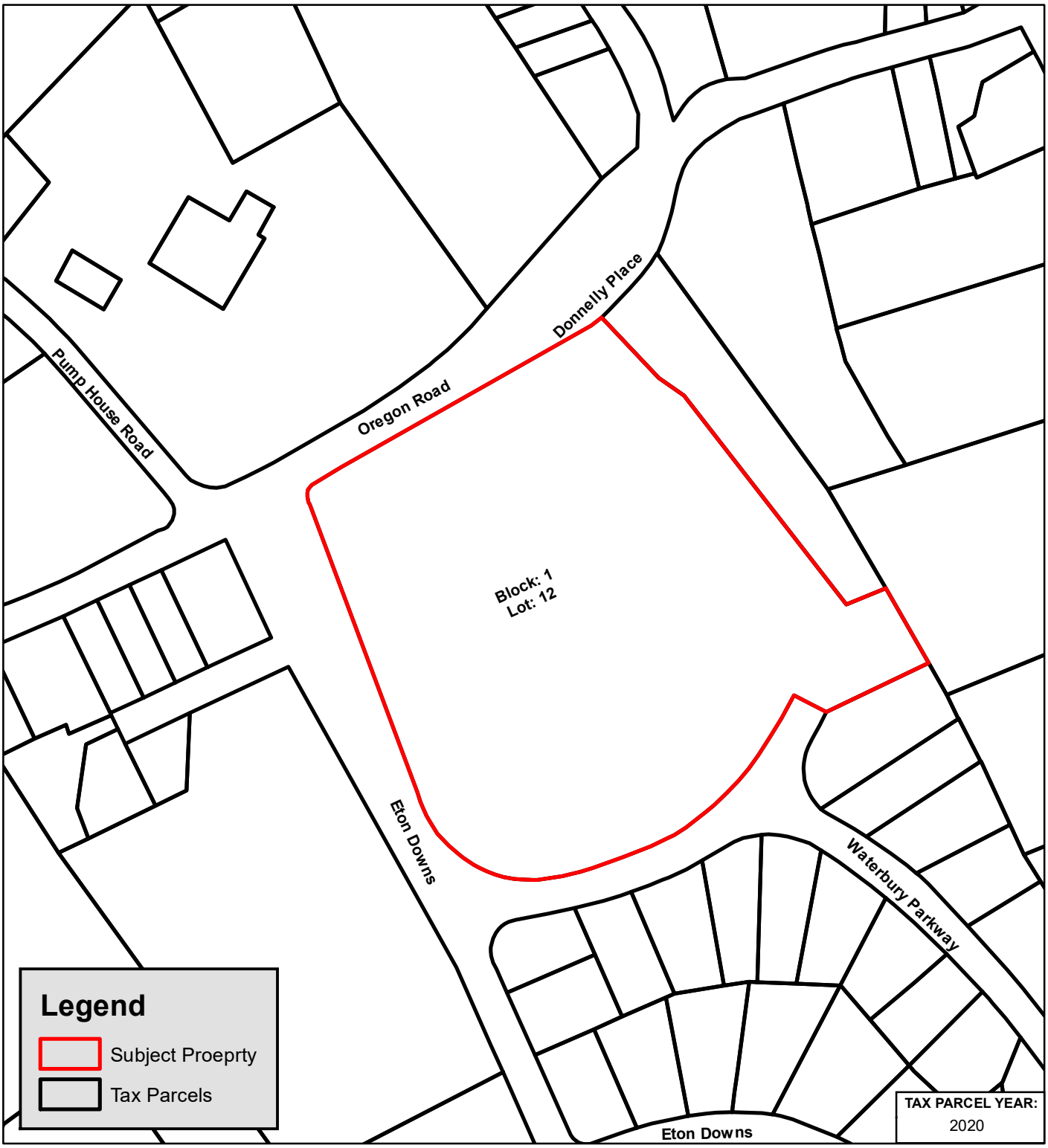
119 OREGON ROAD,TOWN OF CORTLANDT
WEST CHESTER COUNTY, NEW YORK

TOPOGRAPHIC MAP

PEEKSKILL QUADRANGLE

SCALE:	CONTOUR INTERVAL	PHOTO REVISED	DRAWING #
1 " = 2,000 '	10'	1991	1
DATE:	DRAWN BY:	PROJECT NUMBER:	
12/14/2020	N.L.	16875.001	

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119 OREGON ROAD MULTIFAMILY DEVELOPMENT

119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW YORK

TAX PARCEL MAP

SCALE:	BLOCK:	LOT:	DRAWING #
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DATE:	**DRAWN BY:**	**PROJECT NUMBER:**	
12/08/2020	N.L.	16875.001	

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119 OREGON ROAD MULTIFAMILY DEVELOPMENT

119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW YORK

SITE LAYOUT MAP

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DATE:	**DRAWN BY:**	**PROJECT NUMBER:**	
12/08/2020	N.L.	16875.001	



Legend

- SOIL SAMPLES
- TEMPORARY WELL POINT

Recognized Environmental Conditions

- REC-1: 500-gallon No. 2 Heating Oil UST
- REC-2: 1000-gallon No. 2 Heating Oil UST
- REC-3: Random Dumping
- HREC-1: Former 1000-gallon No. 2 Heating Oil UST
- Subject Proeprty
- Tax Parcels

0 40
Feet

N

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119 OREGON ROAD

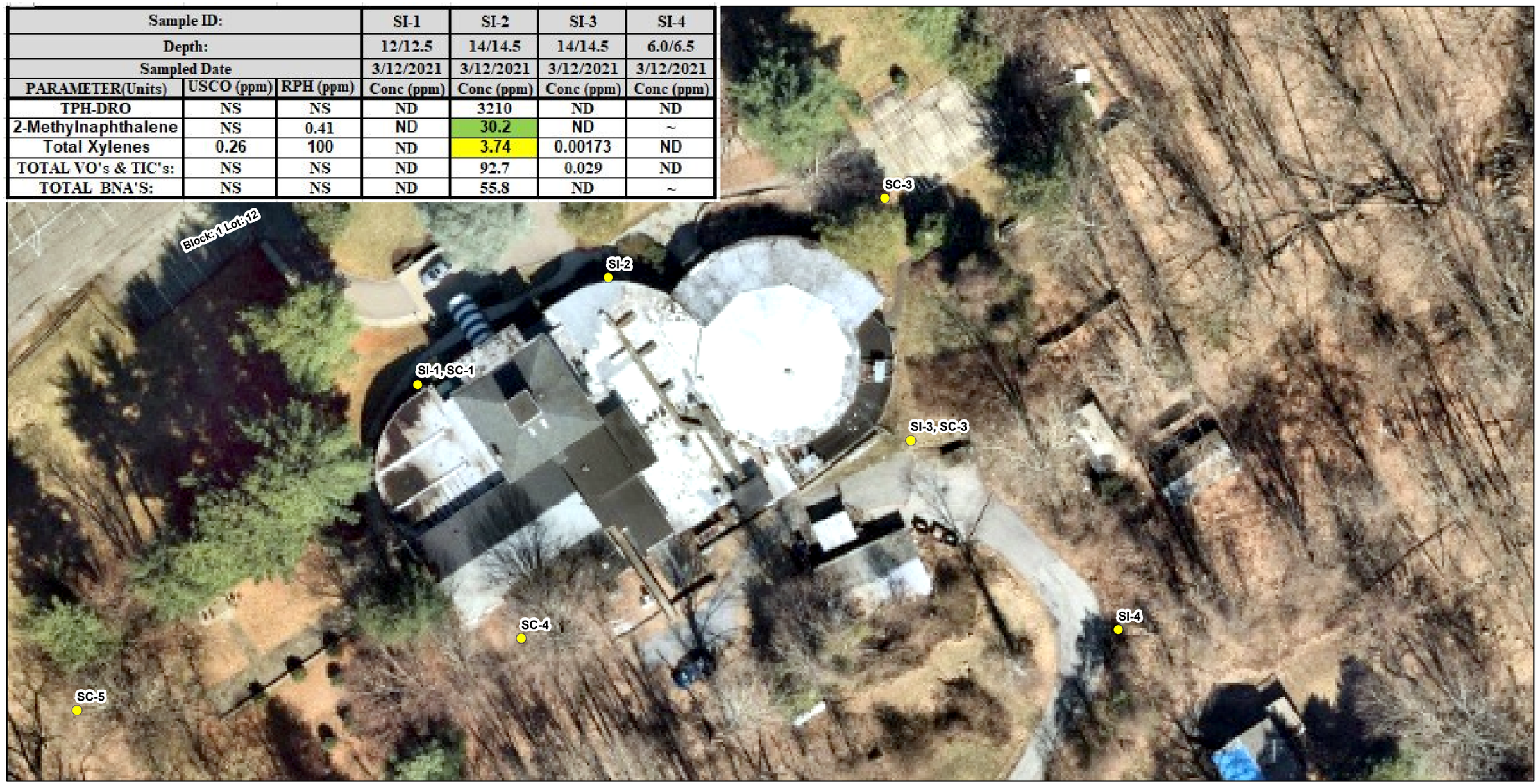
119 OREGON ROAD, TOWN OF CORTLANDT
WESTCHESTER COUNTY, NEW YORK

PHASE II ESA SAMPLE LOCATION MAP

SCALE:	BLOCK:	LOT:	DRAWING #
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DATE:	DRAWN BY:	PROJECT NUMBER:	
03/25/2021	B.D.	16875.002	

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Sample ID:			SI-1	SI-2	SI-3	SI-4
Depth:			12/12.5	14/14.5	14/14.5	6.0/6.5
Sampled Date			3/12/2021	3/12/2021	3/12/2021	3/12/2021
PARAMETER(Units)	USCO (ppm)	RPH (ppm)	Conc (ppm)	Conc (ppm)	Conc (ppm)	Conc (ppm)
TPH-DRO	NS	NS	ND	3210	ND	ND
2-Methylnaphthalene	NS	0.41	ND	30.2	ND	~
Total Xylenes	0.26	100	ND	3.74	0.00173	ND
TOTAL VO's & TIC's:	NS	NS	ND	92.7	0.029	ND
TOTAL BNA'S:	NS	NS	ND	55.8	ND	~



USCO = Unrestricted Use Soil Cleanup Objectives Part 375-6.8(a)
RPH = Residential Public Health
CPH = Commercial Public Health
GW = Groundwater Protection Part 375.6.8(b)
Highlighted Bold Indicate concentrations exceed the USCO
Highlighted Bold Indicate concentrations exceed the RPH

Legend
SOIL SAMPLES

NOTE:
ALL UNITS ARE Parts Per Million (ppm)
NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives & NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives December 2006

0 40
Feet

N

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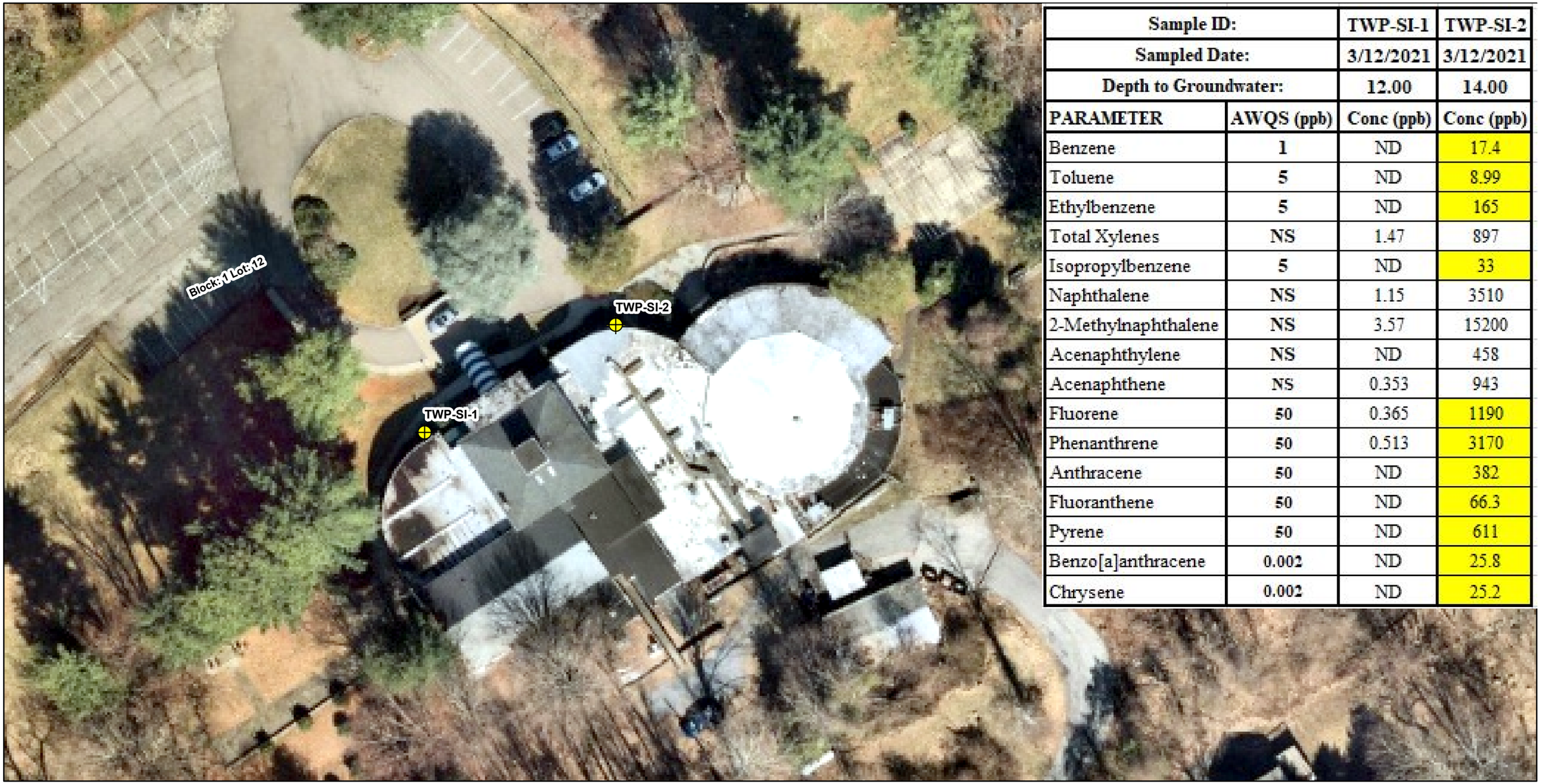
119 OREGON ROAD

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WESTCHESTER COUNTY, NEW YORK

SOIL SAMPLE LOCATIONS WITH SOIL ANALYTICAL RESULTS SUMMARY

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DATE:	DRAWN BY:	PROJECT NUMBER:	
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Sample ID:		TWP-SI-1	TWP-SI-2
Sampled Date:		3/12/2021	3/12/2021
Depth to Groundwater:		12.00	14.00
PARAMETER	AWQS (ppb)	Conc (ppb)	Conc (ppb)
Benzene	1	ND	17.4
Toluene	5	ND	8.99
Ethylbenzene	5	ND	165
Total Xylenes	NS	1.47	897
Isopropylbenzene	5	ND	33
Naphthalene	NS	1.15	3510
2-Methylnaphthalene	NS	3.57	15200
Acenaphthylene	NS	ND	458
Acenaphthene	NS	0.353	943
Fluorene	50	0.365	1190
Phenanthrene	50	0.513	3170
Anthracene	50	ND	382
Fluoranthene	50	ND	66.3
Pyrene	50	ND	611
Benzo[a]anthracene	0.002	ND	25.8
Chrysene	0.002	ND	25.2

All units are parts per billion (ppb)

Technical Guidance and Operational Series - Table 1 New York State Ambient Water Quality Standards and Guidance Values

AWQS = TOGs - Table 1 Ambient Water Quality Standards and Guidance Values (ug/L)

Highlighted Bold Values indicate concentrations exceeds the AWQS

Legend

TEMPORARY WELL POINT

0 40

Feet

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119 OREGON ROAD

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WESTCHESTER COUNTY, NEW YORK

TEMPORARY WELL POINT LOCATION WITH GROUNDWATER SAMPLE ANALYTICAL RESULTS

SCALE:	BLOCK:	LOT:	DRAWING #
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03/25/2021	B.D.	16875.002	

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Tables

TABLE NO. 1
FIELD SAMPLING SUMMARY
16875.002 - 119 OREGON ROAD PHASE II ESA

Sample ID	AOC	Matrix	Date	Time	Depth (feet)	PID (ppm)	Visual	Odor	Analysis
SI-1	REC-1	Soil	3/12/2021	11:00	12'-12.5'	0	N	None	TCL-VOCs, PAH, TPHC
SI-2	REC-2	Soil	3/12/2021	10:05	14'-14.5	120	Y	Strong	TCL-VOCs, PAH, TPHC
SI-3	HREC-1	Soil	3/12/2021	12:35	14'-14.5'	0	N	None	TCL-VOCs, PAH, TPHC
SI-4	REC-3	Soil	3/12/2021	13:25	6'-6.5'	0	N	None	TCL-VOCs, TPHC
SC-1	N/A	Soil	3/12/2021	11:10	Composite	0	N	None	TCLP Metals, TAL Metals
SC-2	N/A	Soil	3/12/2021	12:40	Composite	0	N	None	TCLP Metals, TAL Metals
SC-3	N/A	Soil	3/12/2021	14:30	Composite	0	N	None	TCLP Metals, TAL Metals
SC-4	N/A	Soil	3/12/2021	14:10	Composite	0	N	None	TCLP Metals, TAL Metals
SC-5	N/A	Soil	3/12/2021	14:50	Composite	0	N	None	TCLP Metals, TAL Metals
TWP-SI-1	REC-1	Soil	3/12/2021	15:15	14.55'	0	N	None	TCL-VOCs, PAH
TWP-SI-2	REC-2	Soil	3/12/2021	15:45	9.25'	130	Y	Strong	TCL-VOCs, PAH

PID = Photoionization Detector
TCLP = Toxicity Characteristic Leaching Procedure
TPHC = Total Petroleum Hydrocarbons
TCL-VOCs = TARGET COMPOUND LIST VOLATILE ORGANIC COMPOUNDS
PAH = Polycyclic Aromatic Hydrocarbons

TABLE NO. 2
SOIL SAMPLE ANALYTICAL RESULTS SUMMARY
16875.002 - 119 OREGON ROAD PHASE II ESA

SAMPLE ID:							SI-1				SI-2				SI-3				SI-4			
LAB ID:							01472-001				01472-002				01472-003				01472-004			
COLLECTION DATE:							03/12/2021				03/12/2021				03/12/2021				03/12/2021			
SAMPLE DEPTH:							12.0-12.5'				14.0-14.5'				14.0-14.5'				6.0-6.5'			
SAMPLE MATRIX							SOIL				SOIL				SOIL				SOIL			
Parameters	**USCO**	**RPH**	**RRPH**	**CPH**	**IPH**	**GW**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Total Petroleum Hydrocarbons (TPH)																						
TPH-DRO	NS	NS	NS	NS	NS	NS	ND		215	172	3210		208	166	ND		228	182	ND		223	178
Volatile Organic Compounds (VOCs)																						
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000345	ND		0.041	0.040	ND		0.00086	0.000334	ND		0.00095	0.000369
Chloromethane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000379	ND		0.041	0.026	ND		0.00086	0.000366	ND		0.00095	0.000405
Vinyl chloride	0.02	0.21	0.9	13	27	0.02	ND		0.00089	0.000377	ND		**0.041**	0.012	ND		0.00086	0.000365	ND		0.00095	0.000403
Bromomethane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000532	ND		0.082	0.029	ND		0.00086	0.000514	ND		0.00095	0.000568
Chloroethane	NS	NS	NS	NS	NS	1.9	ND		0.00089	0.000424	ND		0.041	0.032	ND		0.00086	0.000409	ND		0.00095	0.000452
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000358	ND		0.041	0.036	ND		0.00086	0.000346	ND		0.00095	0.000382
1,1-Dichloroethene	0.33	100	100	500	1000	0.33	ND		0.00089	0.000363	ND		0.041	0.033	ND		0.00086	0.000351	ND		0.00095	0.000388
Acetone	0.05	100	100	500	1000	0.05	ND		0.00356	0.00227	ND		**0.163**	**0.159**	ND		0.00344	0.00219	ND		0.0038	0.00242
Carbon disulfide	NS	100	NS	NS	NS	2.7	ND		0.00089	0.000225	ND		0.041	0.018	ND		0.00086	0.000218	ND		0.00095	0.00024
Methylene chloride	0.05	51	100	500	1000	0.05	ND		0.00178	0.00173	ND		**0.082**	**0.081**	ND		0.00172	0.00167	ND		0.0019	0.00184
trans-1,2-Dichloroethene	0.19	100	100	500	1000	0.19	ND		0.00089	0.000356	ND		0.041	0.023	ND		0.00086	0.000344	ND		0.00095	0.00038
Methyl tert-butyl ether (MTBE)	0.93	62	100	500	1000	0.93	ND		0.00089	0.000264	ND		0.041	0.022	ND		0.00086	0.000255	ND		0.00095	0.000282
1,1-Dichloroethane	0.27	19	26	240	480	0.27	ND		0.00089	0.000325	ND		0.041	0.016	ND		0.00086	0.000314	ND		0.00095	0.000347
cis-1,2-Dichloroethene	0.25	59	100	500	1000	0.25	ND		0.00089	0.000308	ND		0.041	0.013	ND		0.00086	0.000298	ND		0.00095	0.000329
2-Butanone (MEK)	0.12	100	100	500	1000	0.3	ND		0.00178	0.000846	ND		0.082	0.057	ND		0.00172	0.000818	ND		0.0019	0.000903
Bromochloromethane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000259	ND		0.041	0.014	ND		0.00086	0.00025	ND		0.00095	0.000276
Chloroform	0.37	10	49	350	700	0.37	ND		0.00089	0.000501	ND		0.041	0.013	ND		0.00086	0.000484	ND		0.00095	0.000535
1,1,1-Trichloroethane	0.68	100	100	500	1000	0.68	ND		0.00089	0.000252	ND		0.041	0.00857	ND		0.00086	0.000243	ND		0.00095	0.000269
Carbon tetrachloride	0.76	1.4	2.4	22	44	0.76	ND		0.00089	0.000246	ND		0.041	0.00971	ND		0.00086	0.000237	ND		0.00095	0.000262
1,2-Dichloroethane (EDC)	0.02	2.3	3.1	30	60	0.02	ND		0.00089	0.000337	ND		**0.041**	**0.022**	ND		0.00086	0.000326	ND		0.00095	0.00036
Benzene	0.06	2.9	4.8	44	89	0.06	ND		0.00089	0.000193	ND		0.041	0.012	ND		0.00086	0.000187	ND		0.00095	0.000206
Trichloroethene	0.47	10	21	200	400	0.47	ND		0.00089	0.00026	ND		0.041	0.017	ND		0.00086	0.000251	ND		0.00095	0.000277
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000208	ND		0.041	0.00898	ND		0.00086	0.000201	ND		0.00095	0.000222
1,4-Dioxane	0.1	9.8	13	130	250	0.1	ND		**0.178**	0.032	ND		**16.3**	**3.00**	ND		**0.172**	0.031	ND		**0.190**	0.035
Bromodichloromethane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000178	ND		0.041	0.023	ND		0.00086	0.000172	ND		0.00095	0.00019
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000191	ND		0.041	0.018	ND		0.00086	0.000185	ND		0.00095	0.000204
4-Methyl-2-pentanone (MIBK)	NS	NS	NS	NS	NS	1	ND		0.00356	0.000653	ND		0.082	0.065	ND		0.00344	0.000631	ND		0.0038	0.000697
Toluene	0.7	100	100	500	1000	0.7	ND		0.00089	0.000204	ND		0.041	0.014	ND		0.00086	0.000197	ND		0.00095	0.000218
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000231	ND		0.041	0.020	ND		0.00086	0.000223	ND		0.00095	0.000246
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000273	ND		0.041	0.019	ND		0.00086	0.000264	ND		0.00095	0.000292
Tetrachloroethene	1.3	5.5	19	150	300	1.3	ND		0.00089	0.000333	ND		0.041	0.022	ND		0.00086	0.000322	ND		0.00095	0.000355
2-Hexanone	NS	NS	NS	NS	NS	NS	ND		0.00356	0.00136	ND		0.082	0.080	ND		0.00344	0.00132	ND		0.0038	0.00146
Dibromochloromethane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000245	ND		0.041	0.031	ND		0.00086	0.000237	ND		0.00095	0.000261
1,2-Dibromoethane (EDB)	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000176	ND		0.041	0.021	ND		0.00086	0.00017	ND		0.00095	0.000188
Chlorobenzene	1.1	100	100	500	1000	1.1	ND		0.00089	0.000203	ND		0.041	0.023	ND		0.00086	0.000196	ND		0.00095	0.000217
Ethylbenzene	1	30	41	390	780	1	ND		0.00089	0.000246	0.625	D	0.041	0.022	0.000358	J	0.00086	0.000237	ND		0.00095	0.000262
Total Xylenes	0.26	100	100	500	1000	1.6	ND		0.00178	0.000955	**3.74**	D	0.082	0.072	0.00173		0.00172	0.000923	ND		0.0019	0.00102
Styrene	NS	NS	NS	NS	NS	NS	ND		0.00178	0.000296	ND		0.041	0.035	ND		0.00172	0.000286	ND		0.0019	0.000316
Bromoform	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000309	ND		0.041	0.035	ND		0.00086	0.000298	ND		0.00095	0.00033
Isopropylbenzene	NS	100	NS	NS	NS	2.3	ND		0.00178	0.000303	0.395	D	0.041	0.032	ND		0.00172	0.000292	ND		0.0019	0.000323
1,1,2,2-Tetrachloroethane	NS	35	NS	NS	NS	0.6	ND		0.00089	0.00039	ND		0.082	0.065	ND		0.00086	0.000377	ND		0.00095	0.000416
1,3-Dichlorobenzene	2.4	17	49	280	560	2.4	ND		0.00089	0.000263	ND		0.041	0.024	ND		0.00086	0.000254	ND		0.00095	0.00028
1,4-Dichlorobenzene	1.8	9.8	13	130	250	1.8	ND		0.00089	0.000263	ND		0.041	0.032	ND		0.00086	0.000254	ND		0.00095	0.00028
1,2-Dichlorobenzene	1.1	100	100	500	1000	1.1	ND		0.00089	0.000247	ND		0.041	0.026	ND		0.00086	0.000239	ND		0.00095	0.000264
1,2-Dibromo-3-chloropropane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000491	ND		0.082	0.047	ND		0.00086	0.000475	ND		0.00095	0.000524
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000349	ND		0.082	0.030	ND		0.00086	0.000337	ND		0.00095	0.000372
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000352	ND		0.082	0.042	ND		0.00086	0.00034	ND		0.00095	0.000375
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	100	NS	NS	NS	6	ND		0.00089	0.000393	ND		0.041	0.028	ND		0.00086	0.00038	ND		0.00095	0.00042
Methyl acetate	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000273	ND		0.041	0.040	0.00388		0.00086	0.000264	ND		0.00095	0.000292
Cyclohexane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000405	0.245	D	0.082	0.045	ND		0.00086	0.000391	ND		0.00095	0.000432
Methylcyclohexane	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000259	1.36	D	0.082	0.041	ND		0.00086	0.00025	ND		0.00095	0.000276
1,3-Dichloropropene (cis- and trans-)	NS	NS	NS	NS	NS	NS	ND		0.00089	0.000231	ND		0.041	0.020	ND		0.00086	0.000223	ND		0.00095	0.000246
TOTAL VO's:	NS	NS	NS	NS	NS	NS	ND			NA	6.37	D		NA	0.00597	J		NA	ND			NA
TOTAL TIC's:	NS	NS	NS	NS	NS	NS	ND			NA	86.3	DJN		NA	0.023	JN		NA	ND			NA
Semivolatile Organic Compounds (SVOCs)																						
Naphthalene	12	100	100	500	1000	12	ND		0.037	0.029	9.77	D	0.189	0.150	ND		0.039	0.031	~		~	~
2-Methylnaphthalene	NS	0.41	NS	NS	NS	36.4	ND		0.037	0.024	**30.2**	D	0.189	0.124	ND		0.039	0.025	~		~	~
Acenaphthylene	100	100	100	500	1000	107	ND		0.037	0.029	0.476	D	0.189	0.151	ND		0.039	0.031	~		~	~
Acenaphthene	20	100	100	500	1000	98	ND		0.037	0.031	2.39	D	0.189	0.158	ND		0.039	0.032	~		~	~
Fluorene	30	100	100	500	1000	386	ND		0.037	0.032	3.03	D	0.189	0.162	ND		0.039	0.033	~		~	~
Phenanthrene	100	100	100	500	1000	1000	ND		0.037	0.035	7.79	D	0.189	0.179	ND		0.039	0.037	~		~	~
Anthracene	100	100	100	500	1000	1000	ND		0.037	0.036	0.806	D	0.189	0.185	ND		0.039	0.038	~		~	~
Fluoranthene	100	100	100	500	1000	1000	ND		0.037	0.035	0.320	D	0.189	0.182	ND		0.039	0.037	~		~	~
Pyrene	100	100	100	500	1000	1000	ND		0.037	0.033	1.01	D	0.189	0.171	ND		0.039	0.035	~		~	~
Benzo[a]anthracene	1	1	1	5.6	11	1	ND		0.037	0.022	ND		0.189	0.114	ND		0.039	0.023	~		~	~
Chrysene	1	1	3.9	56	110	1	ND		0.037	0.034	ND		0.189	0.176	ND		0.039	0.036	~		~	~
Benzo[b]fluoranthene	1	1	1	5.6	11	1.7	ND		0.037	0.035	ND		0.189	0.182	ND		0.039	0.037	~		~	~
Benzo[k]fluoranthene	0.8	1	3.9	56	110	1.7	ND		0.037	0.031	ND		0.189	0.159	ND		0.039	0.032	~		~	~
Benzo[a]pyrene	1	1	1	1	1.1	22	ND		0.037	0.032	ND		0.189	0.165	ND		0.039	0.034	~		~	~
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.5	5.6	11	8.2	ND		0.037	0.036	ND		0.189	0.182	ND		0.039	0.037	~		~	~
Dibenz[a,h]anthracene	0.33	0.33	0.33	0.56	1.1	1000	ND		0.037	0.034	ND		0.189	0.175	ND		0.039	0.036	~		~	~
Benzo[g,h,i]perylene	100	100	100	500	1000	1000	ND		0.037	0.036	ND		0.189	0.184	ND		0.039	0.038	~		~	~
TOTAL BN'S/BNA'S:	NS	NS	NS	NS	NS	NS	ND			NA	55.8	D		NA	ND			NA	~		~	~
TOTAL TIC's:	NS	NS	NS	NS	NS	NS	ND			NA	ND			NA	ND			NA	~		~	~

6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives & NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives December 2006
NS = No Standard Available
~ = Sample not analyzed for
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. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.
D = The compound was reported from the Diluted analysis
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
N = Presumptive evidence of a compound from the use of GC/MS library search.
USCO = Unrestricted Use Soil Cleanup Objectives Part 375-6.8(a)
RPH = Residential Public Health
CPH = Commercial Public Health
GW = Groundwater Protection Part 375.6.8(b)
Highlighted Bold Indicate concentrations exceed the USCO
Highlighted Bold Indicate concentrations exceed the RPH
Highlighted Bold Indicate concentrations exceed the CPH
Bold Indicate concentrations exceed the GW
Red Bold values indicate the RL and/or the MDL is elevated and may exceed the applicable standards.
Green Bold values indicate the RL is above the most stringent standards; however, the MDL is below the most stringent standard.

TABLE NO. 3

GROUNDWATER SAMPLE ANALYTICAL RESULTS SUMMARY

16875.002 - 119 OREGON ROAD PHASE II ESA

SAMPLE ID:		TWP-SI-1				TWP-SI-2			
LAB ID:		01472-010				01472-011			
COLLECTION DATE:		03/12/2021				03/12/2021			
SAMPLE DEPTH:		14.55'				9.25'			
SAMPLE MATRIX:		GROUNDWATER				GROUNDWATER			
PARAMETERS	**AWQS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Volatile Organic Compounds (VOCs)									
Benzene	1	ND		0.500	0.144	**17.4**	D	1.00	0.288
Toluene	5	ND		0.500	0.174	**8.99**	D	1.00	0.348
Ethylbenzene	5	ND		0.500	0.270	**165**	D	1.00	0.540
Total Xylenes	NS	1.47	D	1.00	0.881	**897**	D	2.00	1.76
Isopropylbenzene	5	ND		0.500	0.386	**33.0**	D	1.00	0.772
Cyclohexane	NS	ND		1.00	0.548	25.7	D	2.00	1.10
Methylcyclohexane	NS	ND		1.00	0.500	37.9	D	2.00	1.00
TOTAL VO's:	NS	1.47	D		NA	1180	D		NA
TOTAL TIC's:	NS	7.40	DJN		NA	6080	DJN		NA
Semivolatile Organic Compounds (SVOCs)									
Napthalene	NS	1.15		1.00	0.275	**3510**	D	**40.0**	**11.0**
2-Methylnaphthalene	NS	3.57		1.00	0.210	15200	D	200	42.0
Acenaphthylene	NS	ND		1.00	0.160	458	D	40.0	6.40
Acenaphthene	20	0.353	J	1.00	0.296	**943**	D	**40.0**	11.8
Fluorene	50	0.365	J	1.00	0.294	**1190**	D	40.0	11.8
Phenanthrene	50	0.513	J	1.00	0.246	**3170**	D	40.0	9.84
Anthracene	50	ND		1.00	0.265	**382**	D	40.0	10.6
Fluoranthene	50	ND		1.00	0.314	**66.3**	D	40.0	12.6
Pyrene	50	ND		1.00	0.328	**611**	D	40.0	13.1
Benzo[a]anthracene	0.002	ND		**0.100**	**0.098**	**25.8**	DJ	**40.0**	**9.20**
Chrysene	0.002	ND		**1.00**	**0.467**	**25.2**	DJ	**40.0**	**18.7**
TOTAL BN'S/BNA'S:	NS	5.95	J		NA	25600	DJ		NA
TOTAL TIC's:	NS	ND			NA	ND			NA

Technical Guidance and Operational Series - Table 1 New York State Ambient Water Quality Standards and Guidance Values and Table 5 New York State Groundwater Effluent Limitations (Class GA), June 1998.

NS = No Standard Available

~ = Sample not analyzed for

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. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.

D = The compound was reported from the Diluted analysis

All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.

N = Presumptive evidence of a compound from the use of GC/MS library search.

AWQSGV = TOGs - Table 1 Ambient Water Quality Standards and Guidance Values (ug/L)

Highlighted Bold Values indicate concentrations exceeds the AWQSGV

Red Bold values indicate the RL and/or the MDL is elevated and may exceed the applicable standards.

Green Bold values indicate the RL is above the most stringent standards; however, the MDL is below the most stringent standard.

TABLE NO. 4
SOIL CHARACTERIZATION ANALYTICAL RESULTS SUMMARY
16875.002 - 119 OREGON ROAD PHASE II ESA

SAMPLE ID:							SC-1				SC-2				SC-3				SC-4				SC-5			
LAB ID:							01472-005				01472-006				01472-007				01472-008				01472-009			
COLLECTION DATE:							03/12/2021				03/12/2021				03/12/2021				03/12/2021				03/12/2021			
SAMPLE DEPTH:							COMPOSITE				COMPOSITE				COMPOSITE				COMPOSITE				COMPOSITE			
SAMPLE MATRIX:							SOIL				SOIL				SOIL				SOIL				SOIL			
Parameters	**USCO**	**RPH**	**RRPH**	**CPH**	**IPH**	**GW**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Total Metals																										
Arsenic	13	16	16	16	16	16	3.18		0.555	0.167	2.89		0.582	0.174	3.04		0.580	0.174	3.08		0.566	0.170	3.45		0.580	0.174
Barium	350	350	400	400	10000	820	46.6		0.555	0.278	57.1		0.582	0.291	56.7		0.580	0.290	61.0		0.566	0.283	84.2		0.580	0.290
Cadmium	2.5	2.5	4.3	9.3	60	7.5	ND		0.555	0.333	ND		0.582	0.349	ND		0.580	0.348	ND		0.566	0.340	ND		0.580	0.348
Chromium	NS	NS	NS	NS	NS	NS	9.47		0.555	0.278	11.5		0.582	0.291	13.1		0.580	0.290	13.8		0.566	0.283	21.9		0.580	0.290
Lead	63	400	400	1000	3900	450	25.8		0.555	0.278	6.52		0.582	0.291	12.6		0.580	0.290	28.2		0.566	0.283	7.08		0.580	0.290
Mercury	0.18	0.81	0.81	2.8	5.7	0.73	0.014	J	0.031	0.012	0.025	J	0.026	0.010	0.015	J	0.029	0.012	0.031		0.031	0.012	0.029		0.026	0.011
Selenium	3.9	36	180	1500	6800	4	2.12	J	3.89	1.67	2.10	J	**4.07**	1.74	1.84	J	**4.06**	1.74	2.17	J	**3.96**	1.70	3.22	J	**4.06**	1.74
Silver	2	36	180	1500	6800	8.3	ND		0.555	0.333	ND		0.582	0.349	ND		0.580	0.348	ND		0.566	0.340	ND		0.580	0.348
TCLP Metals (mg/L)	**Hazardous Waste Criteria (mg/L)**																									
TCLP Arsenic	5.0						ND		0.100	0.040	ND		0.100	0.040	ND		0.100	0.040	ND		0.100	0.040	ND		0.100	0.040
TCLP Barium	100.0						0.308		0.100	0.050	0.228		0.100	0.050	0.225		0.100	0.050	0.317		0.100	0.050	0.184		0.100	0.050
TCLP Cadmium	1.0						ND		0.100	0.070	ND		0.100	0.070	ND		0.100	0.070	ND		0.100	0.070	ND		0.100	0.070
TCLP Chromium	5.0						ND		0.100	0.070	ND		0.100	0.070	ND		0.100	0.070	ND		0.100	0.070	ND		0.100	0.070
TCLP Lead	5.0						0.168		0.100	0.060	ND		0.100	0.060	ND		0.100	0.060	ND		0.100	0.060	ND		0.100	0.060
TCLP Mercury	0.2						ND		0.0005	0.0002	ND		0.0005	0.0002	ND		0.0005	0.0002	ND		0.0005	0.0002	ND		0.0005	0.0002
TCLP Selenium	1.0						ND		1.00	0.300	ND		1.00	0.300	ND		1.00	0.300	ND		1.00	0.300	ND		1.00	0.300
TCLP Silver	5.0						ND		0.100	0.060	ND		0.100	0.060	ND		0.100	0.060	ND		0.100	0.060	ND		0.100	0.060

6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives & NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives December 2006

BOLD Conc Indicates a concentration that exceeds applicable criteria.

NS = No Standard Available

~ = Sample not analyzed for

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. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.

D = The compound was reported from the Diluted analysis

All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.

N = Presumptive evidence of a compound from the use of GC/MS library search.

USCO = Unrestricted Use Soil Cleanup Objectives Part 375-6.8(a)

RPH = Residential Public Health

CPH = Commercial Public Health

GW = Groundwater Protection Part 375.6.8(b)

Red Bold values indicate the RL and/or the MDL is elevated and may exceed the applicable standards.

Green Bold values indicate the RL is above the most stringent standards; however, the MDL is below the most stringent standard.

APPENDIX A

UST Integrity Tests

Accurate Tank Testing LLC www.oiltanktesting.com
P.O.BOX 366 Franklin Lakes, N.J. 07417 tnktst@msn.com | Office (201) 848-8224 | Fax (201) 847-0718
140 Greenwood Ave, Midland Park, N.J. 07432 N.J.D.E.P. #US00006

Friday, March 12, 2021

FPA Engineers
1800 Route 34, Suite 101
Wall, NJ 07719

Re: The Mansion at Colonial Terrace 119 Oregon Road, Cortlandt Manor, NY 1 – 550 Gallon #2 Fuel Oil Underground Storage Tank
Diagnostic Test via Remote Fill

Dear Sir/Madam,

Enclosed please find the test results of the EZY3 Locator Plus acoustic precision evaluation performed on the 550 gallon, #2 fuel oil, underground storage tank and associated piping located at the above referenced property. All testing conforms to the U.S.E.P.A and N.J.D.E.P. tank testing criteria. The results are as follows:

DATE	TANK	RESULT (PASS/FAIL)
3/12/2021	550 gallon #2 Oil	**FAIL**

No tank contents were measured at the time of the test due to no direct access to tank.

The evaluation results indicate that the cause of the test failure is due to an entire tank system vacuum loss. This can imply that there is a small piping leak above the liquid level which is too far away for an acoustic signal, or a hole in the bottom of the tank allowing an inflow of oil/water to cause a vacuum loss. The tank must be investigated to determine the exact cause of failure.

Possible options for investigating the cause of failure are: uncovering the tank top and inspecting all the piping and connections, isolating the tank from the piping and retesting the tank separately, or performing soil borings around the tank to determine the presence of oil contamination in the adjacent soil. If repairs are made, the tank must be retested to ensure integrity of the tank and associated piping for the tank to remain in service. **Inconsideration of the tank age, structure and *the expense to perform this work, removal of the tank is advised.***

If you have any questions or require additional information, please do not hesitate to contact me.

Thank you,

Kevin Richards

Kevin Richards
N.J.D.E.P. #249447

EZY 3 LOCATOR PLUS

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

VACUUM CALCULATION
WATER SENSOR CALIBRATION

DATE 03/12/21

Test Operator: Kevin Richards
Signed Kevin Richards

TANK MATERIAL SW-Steel

Operator's State Certification # 249447

TOTAL TANK VOL. 550 GALLONS

TEST # 1 **Site ID #** 1

CUSTOMER: FPA Engineers

PRODUCT VOL. n/a INCHES

ULLAGE VOL. n/a INCHES

SITE: The Mansion at Colonial Terrace
119 Oregon Road
Cortlandt Manor, NY

PRODUCT TYPE No.2 OIL

Vacuum Sensor Calculation

n/a (INCHES OF PRODUCT)	X	0 (WEIGHT OF PRODUCT)	=	0.000	PSI (1)
n/a (INCHES OF WATER IN TANK)	X	.036	=	0.000	PSI (2)
Line 1 + Line 2 = Total Positive Head Pressure In Tank			=	0.0000	PSI (3)
0.0 (INCHES OF WATER OUTSIDE TANK)	X	.036	=	0.000	PSI (4)
Total Head Pressure Minus Outside Water Pressure			=	0.0000	+/-PSI (5)
Always add .5 PSI			+	0.0000	PSI (6)
NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI					
TEST PRESSURE			=	0.00	+/-PSI (7)

Diagnostic Test Only

Test Setpoint Range: 43.00 to 53.00 Inches W.C.

ACOUSTIC TEST TIME

	TIME	PRESSURE
Blower Started:	9:35	0.00
Test Pressure Reached:	9:45	53.00
Blower Turned Off:	9:45	53.00
Test Began:	9:45	53.00
Test Ended:	10:15	49.10

TEST RESULT: Failed

Depth of Groundwater Determined:

By: Not Applicable

Where: Not Applicable

WATER SENSOR CALIBRATION

Water sensor used? Yes / No: NO

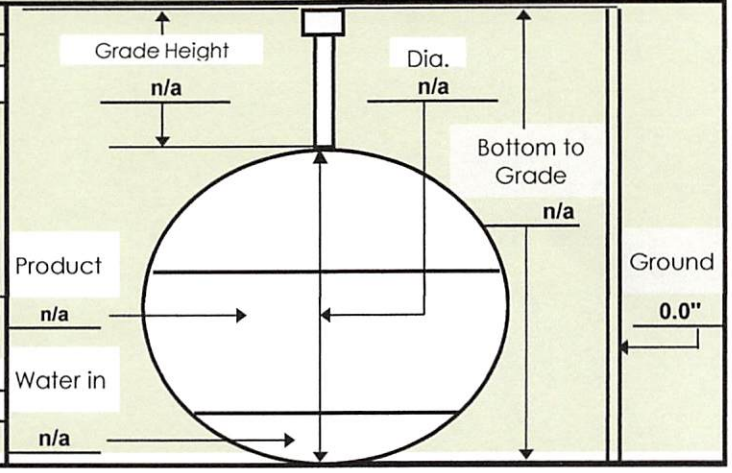
	Cal #1	Cal #2	Cal #3
Added:			
Average:			

NOTE:

Calculation for Test Period:

0 (Ave. Cal.) ÷ 3780 = 0.00000 ("A" Factor) ÷ .05 = 0 minutes (Time of Test)

WATER INTRUSION TEST PERIOD Began: Ended:



Accurate Tank Testing LLC.

VACUUM TREND ANALYSIS

DATE: 03/12/2021
TOTAL TANK VOL.(Gal): 550
PRODUCT VOL.(In): n/a
ULLAGE VOL.(In): n/a
PRODUCT TYPE: No.2 OIL

PBS# (NEW YORK):
TANK#: 1
LOCATION:
The Mansion at Colonial Terrace
119 Oregon Road
Cortlandt Manor, NY
0

START TIME	DATA	MAX "-/+"	RPH	OFF		TEST	WATER	
9:45	53.0							
9:50	50.4	-2.6	-1.8					
9:55	50.1	-0.3	0.6					
10:00	49.9	-0.2	0.6					
10:05	49.7	-0.2	0.6					
10:10	49.4	-0.3	0.5					
10:15	49.1	-0.3	0.5					

Diagnostic Test Only

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

	TIGHT TANK THIS UNDERGROUND STORAGE TANK **PASSES** THE CRITERIA SET FORTH BY THE U.S. E.P.A.
x	ULLAGE (DRY) PORTION LEAK THIS UNDERGROUND STORAGE TANK **FAILS** THE CRITERIA SET FORTH BY THE U.S. E.P.A.
	BELOW PRODUCT LEVEL (WET) PORTION LEAK THIS UNDERGROUND STORAGE TANK **FAILS** THE CRITERIA SET FORTH BY THE U.S. E.P.A.

WATER SENSOR INDICATES
(CHECK ONLY ONE)

	NO WATER INTRUSION
	WATER INTRUSION
x	NOT APPLICABLE

SIGNATURE OF OPERATOR: Kevin Richards

PRINT NAME: Kevin Richards
CERTIFICATION #: 08-5831
EXPIRATION DATE: 4/15/2021

Accurate Tank Testing LLC.
P.O. Box 366
Franklin Lakes, NJ 07417

tnktst@msn.com

Tel (201) 848-8224
Fax (201 847-0718

Accurate Tank Testing LLC www.oiltanktesting.com
P.O.BOX 366 Franklin Lakes, N.J. 07417 tnktst@msn.com | Office (201) 848-8224 | Fax (201) 847-0718
140 Greenwood Ave, Midland Park, N.J. 07432 N.J.D.E.P. #US00006

Friday, March 12, 2021

FPA Engineers
1800 Route 34, Suite 101
Wall, NJ 07719

Re: The Mansion at Colonial Terrace 119 Oregon Road, Cortlandt Manor, NY 1 – 1,000 Gallon #2 Fuel Oil Underground Storage Tank
Diagnostic Test via Remote Fill

Dear Sir/Madam,

Enclosed please find the test results of the EZY3 Locator Plus acoustic precision evaluation performed on the 1,000 gallon, #2 fuel oil, underground storage tank and associated piping located at the above referenced property. All testing conforms to the U.S.E.P.A and N.J.D.E.P. tank testing criteria. The results are as follows:

DATE	TANK	RESULT (PASS/FAIL)
3/12/2021	1,000 gallon #2 Oil	**FAIL**

No tank contents were measured at the time of the test due to no direct access to tank.

The evaluation results indicate that the cause of the test failure is due to an entire tank system vacuum loss. This can imply that there is a small piping leak above the liquid level which is too far away for an acoustic signal, or a hole in the bottom of the tank allowing an inflow of oil/water to cause a vacuum loss. The tank must be investigated to determine the exact cause of failure.

Possible options for investigating the cause of failure are: uncovering the tank top and inspecting all the piping and connections, isolating the tank from the piping and retesting the tank separately, or performing soil borings around the tank to determine the presence of oil contamination in the adjacent soil. If repairs are made, the tank must be retested to ensure integrity of the tank and associated piping for the tank to remain in service. **Inconsideration of the tank age, structure and *the expense to perform this work, removal of the tank is advised.***

If you have any questions or require additional information, please do not hesitate to contact me.

Thank you,

Kevin Richards

Kevin Richards
N.J.D.E.P. #249447

EZY 3 LOCATOR PLUS

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

VACUUM CALCULATION
WATER SENSOR CALIBRATION

DATE 03/12/21

Test Operator: Kevin Richards
Signed Kevin Richards

TANK MATERIAL SW-Steel

Operator's State Certification # 249447

TOTAL TANK VOL. 1,000 GALLONS

TEST # 1 **Site ID #** 2

PRODUCT VOL. n/a INCHES

CUSTOMER: FPA Engineers

ULLAGE VOL. n/a INCHES

SITE: The Mansion at Colonial Terrace
119 Oregon Road
Cortlandt Manor, NY

PRODUCT TYPE No.2 OIL

Vacuum Sensor Calculation

n/a (INCHES OF PRODUCT)	X 0 (WEIGHT OF PRODUCT)	=	0.000	PSI (1)
n/a (INCHES OF WATER IN TANK)	X .036	=	0.000	PSI (2)
Line 1 + Line 2 = Total Positive Head Pressure In Tank		=	0.0000	PSI (3)
.6 (INCHES OF WATER OUTSIDE TANK)	X .036	=	.000	PSI (4)
Total Head Pressure Minus Outside Water Pressure		=	0.0000	+/-PSI (5)
Always add .5 PSI		+	0.0000	PSI (6)
NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI				
TEST PRESSURE		=	0.00	+/-PSI (7)

Diagnostic Test Only

Test Setpoint Range: 43.00 to 53.00 Inches W.C.

ACOUSTIC TEST TIME

	TIME	PRESSURE
Blower Started:	11:00	0.00
Test Pressure Reached:	11:05	53.90
Blower Turned Off:	11:05	53.90
Test Began:	11:05	53.90
Test Ended:	11:35	30.30

TEST RESULT: Failed

Depth of Groundwater Determined:
By: Not Applicable
Where: Not Applicable

WATER SENSOR CALIBRATION

Water sensor used? Yes / No: NO

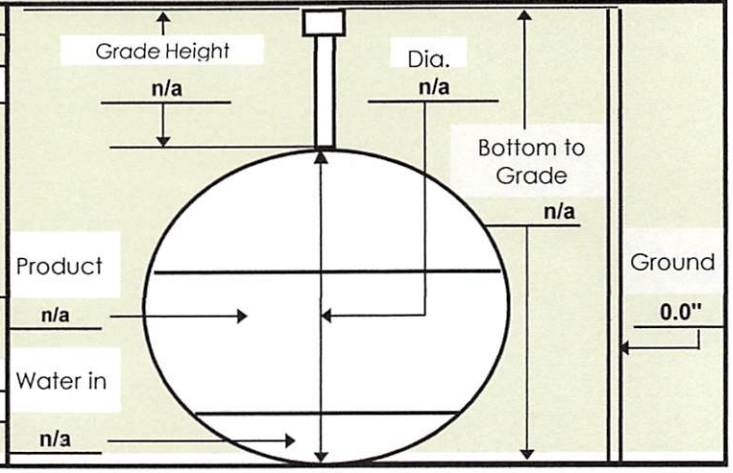
	Cal #1	Cal #2	Cal #3
Added:			
Average:			

NOTE:

Calculation for Test Period:

0 (Ave. Cal.) ÷ 3780 = 0.00000 ("A" Factor) ÷ .05 = 0 minutes (Time of Test)

WATER INTRUSION TEST PERIOD Began: Ended:



Accurate Tank Testing LLC.

VACUUM TREND ANALYSIS

DATE: 03/12/2021
TOTAL TANK VOL.(Gal): 1,000
PRODUCT VOL.(In): n/a
ULLAGE VOL.(In): n/a
PRODUCT TYPE: No.2 OIL

PBS# (NEW YORK):
TANK#: 2
LOCATION:
The Mansion at Colonial Terrace
119 Oregon Road
Cortlandt Manor, NY
0

START TIME	DATA	MAX "-/+"	RPH	OFF		TEST	WATER	
11:05	53.9							
11:10	49.0	-4.9	-4.1					
11:15	44.8	-4.2	-3.5					
11:20	40.8	-4.0	-3.3					
11:25	37.0	-3.8	-3.2					
11:30	33.3	-3.7	-3.1					
11:35	30.3	-3.0	-2.5					

Diagnostic Test Only

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

	TIGHT TANK THIS UNDERGROUND STORAGE TANK **PASSES** THE CRITERIA SET FORTH BY THE U.S. E.P.A.
x	ULLAGE (DRY) PORTION LEAK THIS UNDERGROUND STORAGE TANK **FAILS** THE CRITERIA SET FORTH BY THE U.S. E.P.A.
	BELOW PRODUCT LEVEL (WET) PORTION LEAK THIS UNDERGROUND STORAGE TANK **FAILS** THE CRITERIA SET FORTH BY THE U.S. E.P.A.

WATER SENSOR INDICATES
(CHECK ONLY ONE)

	NO WATER INTRUSION
	WATER INTRUSION
x	NOT APPLICABLE

SIGNATURE OF OPERATOR: Kevin Richards

PRINT NAME: Kevin Richards
CERTIFICATION #: 08-5831
EXPIRATION DATE: 4/15/2021

Accurate Tank Testing LLC.
P.O. Box 366
Franklin Lakes, NJ 07417

tnktst@msn.com

Tel (201) 848-8224
Fax (201 847-0718

APPENDIX B

Boring Logs

PROJECT:	119 Oregon Road Environmental Assessment	FRENCH & PARRELLO ASSOCIATES		ENVIRONMENTAL BORING LOG	
PROJECT No.:	16875.002 and 003				
PROJECT LOCATION:	Cortland, NY				
DATE:	3/12/2021	LOGGED BY:	BD	BORING NO.:	SI-1
METHOD:	Direct push geoprobe	DRILLING CONTRACTOR:	Accurate Tank Testing	DEPTH OF BORING:	20'
GROUNDWATER LEVEL:	13.0'	SAMPLING METHOD:	SOIL	AOC:	REC-1

Recovery (ft.)	SAMPLE No.	Depth (ft.)	MATERIAL DESCRIPTION	PID	WELL LOG	REMARKS
		0-		0		
		-		0		
		-		0		
		-	0.0-3.0' Brown mf SAND, little Silt.	0		
		-		0		
		-		0		
		5-		0		
		-		0		
		-		0		
		-	3.0-8.0' light brown cmf Sand, trace Silt.	0		
		-		0		
		10-		0		
		-	8-11' Brown cmf SAND, little f Gravel.			
	sample at 12.0-12.5'	-				
		-	11-13' brown cf SAND, little f Gravel			
		-				
		15-	13-15' Brown cmf SAND, little f Gravel.			
		-				
		-				
		-				
		-				
20'		20-	15-20' Gray Brown Clayey SILT, little f Sand.			

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

PROJECT:	119 Oregon Road Environmental Assessment	FRENCH & PARRELLO ASSOCIATES	ENVIRONMENTAL BORING LOG
PROJECT No.:	16875.002 and 003		
PROJECT LOCATION:	Cortland, NY		

DATE:	3/12/2021	LOGGED BY:	BD	BORING NO.:	SI-2
METHOD:	Direct push geoprobe	DRILLING CONTRACTOR:	Accurate Tank Testing	DEPTH OF BORING:	20'
GROUNDWATER LEVEL:	15.0'	SAMPLING METHOD:	SOIL	AOC:	REC-2

Recovery (ft.)	SAMPLE No.	Depth (ft.)	MATERIAL DESCRIPTION	PID	WELL LOG	REMARKS
		0-		0		
		-		0		
		-	0.0-2.0' Dark Brown SILT, some mf Sand, trace f Gravel.	0		
		-		0		
		-	2.0-4.5' Brown cmf SAND, some Silt.	0		
		-		0		
		5-		0		
		-		0		
		-		0		
		-	4.5-8.0' Brown SILT, some mf Sand.	30		
		-				
		10-	8.0-10.0' Gray Brown SILTm some f Sand.	60		
		-				
		-	10-12' Gray Clayey SILT.	80		
		-				
	Sample at 14.0-14.5'	-				Strong odor
15.5'		15-	12-15.5' Gray Clayey SILT.	120		
		-	Refusal at 15.5'			
		-				
		-				
		-				
		20-				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

PROJECT:	119 Oregon Road Environmental Assessment	FRENCH & PARRELLO ASSOCIATES		ENVIRONMENTAL BORING LOG	
PROJECT No.:	16875.002 and 003				
PROJECT LOCATION:	Cortland, NY				
DATE:	3/12/2021	LOGGED BY:	BD	BORING NO.:	SI-3
METHOD:	Direct push geoprobe	DRILLING CONTRACTOR:	Accurate Tank Testing	DEPTH OF BORING:	20'
GROUNDWATER LEVEL:	NA	SAMPLING METHOD:	SOIL	AOC:	HREC-1

Recovery (ft.)	SAMPLE No.	Depth (ft.)	MATERIAL DESCRIPTION	PID	WELL LOG	REMARKS
		0-		0		
		-		0		
		-		0		
		-		0		
		-		0		
		5-		0		
		-	0.0-6.0' Brown SILT, some cf Sand.	0		
		-		0		
		-		0		
		-		0		
		-		0		
		10-		0		
		-		0		
		-	6.0-13.0' Light Brown Clayey SILT, some cf Sand, little f Gravel.	0		
	Sample at 13.0-13.5'	-	13.0-14.0' Dark Brown cmf SAND, some f Gravel.	0		Slag and Red Brick chunks at 13-14'
		-		0		
		-		0		
		15-		0		
		-		0		
17.5'		-	14.0-17.0' Silty CLAY, little f Sand, trace f Gravel.	0		
		-	Refusla at 17.5'			
		-				
		20-				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

PROJECT:	119 Oregon Road Environmental Assessment	FRENCH & PARRELLO ASSOCIATES	ENVIRONMENTAL BORING LOG
PROJECT No.:	16875.002 and 003		
PROJECT LOCATION:	Cortland, NY		
DATE:	3/12/2021	LOGGED BY: BD	BORING NO.: SI-4
METHOD:	Direct push geoprobe	DRILLING CONTRACTOR: Accurate Tank Testing	DEPTH OF BORING: 20'
GROUNDWATER LEVEL:	NA	SAMPLING METHOD: SOIL	AOC: REC-3

Recovery (ft.)	SAMPLE No.	Depth (ft.)	MATERIAL DESCRIPTION	PID	WELL LOG	REMARKS
		0-		0		
		-		0		
		-		0		
		-		0		
		-	0.0-4.0 Brown SILT, some+ f Sand.	0		
		5-		0		
		-	4.0-6.0' Dark Brown SILT, little f Sand.	0		5.0-6.0' Debris (Asphalt, Brick)
	Sample at 6.0-6.5'	-		0		
		-	6.0-8.0' Gray Brown mf SAND, little f Gravel.	0		
		-		0		
		10-		0		
		-		0		
		-	8.0-12.0' Brown Clayey SILT, Little f Sand, trace f Gravel.	0		
12.0'		-	Refusal at 12.0'			
		-				
		15-				
		-				
		-				
		-				
		-				
		20-				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

APPENDIX C

Laboratory Data

Integrated Analytical Laboratories LLC

ANALYTICAL DATA REPORT

French & Parrello
1800 Route 34
Suite 101
Wall, NJ 07719

Project Name: **119 OREGON ROAD**
IAL Case Number: **E21-01472**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

This report shall not be reproduced, except in its entirety, without the written consent of Integrated Analytical Laboratories, LLC. The test results included in this report relate only to the samples analyzed. The results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252

IAL is a NELAP accredited lab (TNI01284) and maintains certification in Connecticut (PH-0699), New Jersey (14751), New York (11402) and Pennsylvania (68-00773).

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Sample Summary

IAL Case No.

E21-01472

Client French & Parrello

Project 119 OREGON ROAD

Received On 3/15/2021@16:25

Lab ID	*Client Sample ID*	*Depth Top/Bottom*	*Sampling Time*	*Matrix*	*# of Container*
01472-001	SI-1	12/12.5	3/12/2021@11:00	Soil	5
01472-002	SI-2	14/14.5	3/12/2021@10:05	Soil	5
01472-003	SI-3	14/14.5	3/12/2021@12:35	Soil	5
01472-004	SI-4	6.0/6.5	3/12/2021@13:25	Soil	5
01472-005	SC-1	n/a	3/12/2021@11:10	Soil	1
01472-006	SC-2	n/a	3/12/2021@12:40	Soil	1
01472-007	SC-3	n/a	3/12/2021@14:30	Soil	1
01472-008	SC-4	n/a	3/12/2021@14:10	Soil	1
01472-009	SC-5	n/a	3/12/2021@14:50	Soil	1
01472-010	TWP-SI-1	n/a	3/12/2021@15:15	Aqueous	7
01472-011	TWP-SI-2	n/a	3/12/2021@15:45	Aqueous	7

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252

DATA QUALIFIERS AND FLAGS

B	Indicates the analyte found in the associated method blank and in the sample due to potential lab contamination.
C	Indicates analyte is a common laboratory contaminant.
D	Indicates analyte was reported from diluted analysis.
E	Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument
J	Indicates an estimated value either when the concentration in the sample is less than the RL or for qualification of TICs
M	Indicates matrix interference
N	Presumptive evidence of a compound from the use of GC/MS library search.
T	Sample analyzed outside of holding time
X	Indicates samples analyzed for total and dissolved metals differ at ≤20% RPD.
Y	Indicates DO depletion in the BOD blank is >0.20ppm
Z	Indicates internal standard failure. Sample results are either biased high or biased low.
$	Value outside NJDEP DKQP Limits
*	Result outside of QC limits

PROJECT NOTES

- All results for soils, solids, and sludges are reported on a dry-weight basis except where noted
- All test results and QC are compliant with TNI or other applicable state agency requirements/guidance unless otherwise notated in the case narrative and/or project information page.
- The case narrative for this SDG should be consulted to determine any non-conformances.
- Any samples with 15-minute or "analyze immediately" holding times (e.g. pH, Dissolved Oxygen, Sulfite, etc.) which are analyzed in the laboratory are considered out of holding time.
- IAL is a NELAP/TNI certified laboratory (TNI ID# TNI01284). IAL retains certification in Connecticut (PH-0699), New Jersey (14751), New York (11402), and Pennsylvania (68-00773).
- Certification is not required to perform analyses in the following states: AL, CO, DE, GA, HI, ID, IN, KY, MD, MI, MS, MO, MT, NE, NM, SD and TN. IAL can perform all analyses, except Drinking Water, within its scope of capabilities in these states.

ACRONYMS AND ABBREVIATIONS

CFU	Colony Forming Unit	ND	Indicates analyte was analyzed for but not detected at MDL or RL (only if MDL is not used)
CCB	Continuing Calibration Blank	NTU	Nephelometric Turbidity Units
CCV	Continuing Calibration Verification	ppb	Parts per billion. Reported as µg/L or µg/kg
DF	Dilution Factor	ppm	Parts per million. Reported as mg/L, µg/mL or mg/kg
DL	Attached as a suffix to a diluted sample	QC	Quality Control
DUP	Duplicate	% Rec	Percent Recovery
ICB	Initial Calibration Blank	RL	Reporting Limit. The RL is typically determined by the concentration of the lowest standard in the calibration curve
ICC	Initial Calibration Curve		
ICV	Initial Calibration Verification		
kg	kilogram		
L	Liter	RPD	Relative Percent Difference
LCS	Laboratory Control Sample	RSD	Relative Standard Deviation
LCSD	Laboratory Control Sample Duplicate	RT	Retention Time
MDL	Method Detection Limit as determined according to 40 CFR Part 136 Appendix B	SU	Standard Units
		TIC	Tentatively Identified Compound AKA Library Search Compounds
MF	Membrane Filter	TNI	The NELAC (National Environmental Laboratory Accreditation Council) Institute
mg	milligram (1000mg = 1g)		
µg	microgram (1000µg = 1mg)	TNTC	Too numerous to count
ml	milliliter (1000ml = 1L)	*	When attached to a compound name, indicates this analyte was analyzed by Method SW-846 8270 SIM
µl	microliter (1000µl = 1ml)		
µmhos	Conductivity units - resistance expressed in ohms	^	When attached to a compound name, indicates this analyte was analyzed by Method SW-846 8011 or EPA 504.1
MPN	Most Probable Number		
MS	Matrix Spike		
MSD	Matrix Spike Duplicate	<	Less than; In conjunction with a numerical value, indicates a concentration less than the RL or MDL
NA	Not applicable		
NC	Not calculated		

SAMPLE DELIVERY GROUP CASE NARRATIVE
(Conformance / Non-Conformance Summary)

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E21-01472

Integrated Analytical Laboratories, LLC. received eleven (11) samples** from French & Parrello (IAL SDG# **E21-01472**, Project: 119 OREGON ROAD) on March 15, 2021 for the analysis of :

(2) Low Level TCL VO for 8260+8011 + 15
(4) TCL VO + 15
(3) TCL/PAH
(2) TCL/PAH + SIM
(4) TPH-DRO
(5) RCRA Metals
(5) TCLP Metals

**Number of samples listed above may be greater than what is listed on the chain of custody. Any samples that require in-house filtration or splitting will be counted as separate samples.

Samples were received in good condition with documentation in order.
Cooler temperature was acceptable at 4 ± 2 degree C.

Volatiles By SW 8260D **Batch: 210319** **Matrix: Aqueous**

QC
- Calibration curve met QC criteria.
- Internal standards recovery met QC criteria.
- Surrogate percent recovery met QC criteria.
- Method blank met QC criteria.
- LCS percent recovery met QC criteria.
- MS/MSD RPD met QC criteria.
- MS/MSD percent recovery met QC criteria.

E21-01472
- All samples were received within holding time.
- All samples were analyzed within holding time.

Dilution Summary:

Sample ID	DF(s)	Dilution For
E21-01472-010	1	NA
E21-01472-011	2	Target compound(s).

Volatiles By SW 8260D **Batch: F210317-01** **Matrix: Soil**

QC
- Calibration curve met QC criteria.
- Internal standards recovery met QC criteria.
- Surrogate percent recovery met QC criteria.
- Method blank met QC criteria.
- LCS/LCSD Percent Recovery met QC criteria.
- MS/MSD were not analyzed due to insufficient sample volume. LCS/LCSD were analyzed in their absence to meet method specific QC requirements.

E21-01472
- All samples were received within holding time.
- All samples were analyzed within holding time.

Dilution Summary:

Sample ID	DF(s)	Dilution For
E21-01472-001	1	NA
E21-01472-003	1	NA
E21-01472-004	1	NA

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E21-01472

Volatiles By SW 8260D | **Batch: L210318-01** | **Matrix: MEOH**

QC
- Calibration curve met QC criteria.
- Internal standards recovery met QC criteria.
- Surrogate percent recovery met QC criteria.
- Method blank met QC criteria.
- LCS percent recovery met QC criteria.
- MS/MSD RPD met QC criteria.
- MS/MSD percent recovery met QC criteria.

E21-01472
- All samples were received within holding time.
- All samples were analyzed within holding time.
- Samples listed below were run using methanol preserved sample, as applicable. This sample preservation technique elevates RLs and MDLs 100x versus water preservation. If subsequent dilutions are performed, the RLs and MDLs will increase by that factor (e.g. a methanol sample run at a 5x dilution would elevate RLs and MDLs by 500x). Initial runs using methanol are considered "straight" runs and have a dilution factor of 1.

Dilution Summary:

Sample ID	DF(s)	Dilution For	MeOH Run For
E21-01472-002	2	Non-target compound(s).	

Microextractable By SW 8011 | **Batch: 210322-05** | **Matrix: Aqueous**

QC
- Calibration curve met QC criteria.
- Method blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD RPD did not meet QC criteria due to matrix interference.
- MS/MSD percent recovery did not meet QC criteria due to matrix interference.

E21-01472
- All samples were received within holding time.
- Retention Time Shift met QC criteria.

Dilution Summary:

Sample ID	DF(s)	Dilution For
E21-01472-010	1	NA
E21-01472-011	1	NA

Semivolatiles By SW 8270E | **Batch: 210317-01** | **Matrix: Soil**

QC
- Calibration curve met QC criteria.
- Internal standard recovery met QC criteria.
- Surrogate recovery met QC criteria. NJDEP DKQP criteria not met.
- Method blank met QC criteria.
- LCS percent recovery met QC criteria. NJDEP DKQP criteria not met.
- MS/MSD RPD met QC criteria.
- MS/MSD percent recovery met QC criteria. NJDEP DKQP criteria not met.

E21-01472
- All samples were received within holding time.
- All samples were extracted within holding time.
- All samples were analyzed within holding time.

Dilution Summary:

Sample ID	DF(s)	Dilution For
E21-01472-001	1	NA
E21-01472-002	5	Target compound(s).
E21-01472-003	1	NA

The result reported for 1,2-Diphenylhydrazine is also representative of Azobenzene. 1,2-Diphenylhydrazine rapidly decomposes to Azobenzene when exposed to water or heat. Analytical results from analysis of 1,2-Diphenylhydrazine will be directly compared to the applicable criteria for Azobenzene and/or 1,2-Diphenylhydrazine.

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E21-01472

Semivolatiles By SW 8270E SIM | **Batch: 210317-05** | **Matrix: Aqueous**

QC
- Calibration curve met QC criteria.
- Internal standard recovery met QC criteria.
- Surrogate recovery did not meet QC criteria due to Dituted out die to High target compounds.
- Method blank met QC criteria.
- LCS percent recovery met QC criteria. NJDEP DKQP criteria not met.
- MS/MSD RPD met QC criteria.
- MS/MSD percent recovery met QC criteria. NJDEP DKQP criteria not met.

E21-01472
- All samples were received within holding time.
- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Sample(s) used for aqueous Semivolatiles analyses contained varying levels of sediment. Precautions were taken to take an aliquot representative of the sample. However, due to the nature of aqueous samples containing sediment, reproduction of results may prove difficult. The rough amount of sediment present in the samples is as follows: 01472-010:5%; 01472-011:5%.
- 01472-011: SIM FAIL.

Dilution Summary:

Sample ID	DF(s)	Dilution For
E21-01472-010	1	NA
E21-01472-011	100	Target compound(s).

The result reported for 1,2-Diphenylhydrazine is also representative of Azobenzene. 1,2-Diphenylhydrazine rapidly decomposes to Azobenzene when exposed to water or heat. Analytical results from analysis of 1,2-Diphenylhydrazine will be directly compared to the applicable criteria for Azobenzene and/or 1,2-Diphenylhydrazine.

TPH-DRO By SW 8015D | **Batch: 210316-04** | **Matrix: Soil**

QC
- Calibration curve met QC criteria.
- Surrogate percent recovery met QC criteria.
- Method blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- MS/MSD Percent Recovery met QC criteria.

E21-01472
- All samples were received within holding time.
- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.

Dilution Summary:

Sample ID	DF(s)	Dilution For
E21-01472-001	1	NA
E21-01472-002	1	NA
E21-01472-003	1	NA
E21-01472-004	1	NA

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E21-01472

Metals By SW 1311/6020B/7470A | **Batch: T210317-01 (169A)** | **Matrix: TCLP Leachate**

QC
- Calibration Curve Linearity met QC criteria.
- Internal Standard Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS Percent Recovery met QC criteria.
- RPD between Sample/Duplicate met QC criteria.
- Serial Dilution met QC criteria.

E21-01472
- All samples were received within holding time.
- All samples were leached within holding time.
- All samples were digested within holding time.
- All samples were analyzed within holding time.

Dilution Summary:

Sample ID	DF(s)	Dilution For
E21-01472-005	1	NA
E21-01472-006	1	NA
E21-01472-007	1	NA
E21-01472-008	1	NA
E21-01472-009	1	NA

Metals By SW 6020B/7471B | **Batch: S210317-01 (170A)** | **Matrix: Soil**

QC
- Calibration Curve Linearity met QC criteria.
- Internal Standard Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS Percent Recovery met QC criteria.
- RPD between Sample/Duplicate met QC criteria.
- Serial Dilution met QC criteria.
- The QC set was run at a 10x dilution due to high Al concentrations.

E21-01472
- All samples were received within holding time.
- All samples were digested within holding time.
- All samples were analyzed within holding time.

Dilution Summary:

Sample ID	DF(s)	Dilution For
E21-01472-005	1	NA
E21-01472-006	1	NA
E21-01472-007	1	NA
E21-01472-008	1	NA
E21-01472-009	1	NA

Metals By SW 6020B/7471B | **Batch: S210317-02 (170B)** | **Matrix: Soil**

E21-01472
- All samples were received within holding time.
- All samples were digested within holding time.
- All samples were analyzed within holding time.

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:

Reviewed by

7/1/2021
Date

RESULTS SUMMARY REPORT

SUMMARY REPORT
Client: French & Parrello
Project: 119 OREGON ROAD
Lab Case No.: E21-01472

Lab ID:	01472-010			01472-011		
Client ID:	TWP-SI-1			TWP-SI-2		
Matrix:	Aqueous			Aqueous		
Sampled Date	3/12/21			3/12/21		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL
Volatiles (Units)		*(ug/L)*			*(ug/L)*	
Benzene	ND		0.144	17.4	D	0.288
Toluene	ND		0.174	8.99	D	0.348
Ethylbenzene	ND		0.270	165	D	0.540
Total Xylenes	1.47	D	0.881	897	D	1.76
Isopropylbenzene	ND		0.386	33.0	D	0.772
Cyclohexane	ND		0.548	25.7	D	1.10
Methylcyclohexane	ND		0.500	37.9	D	1.00
TOTAL VO's:	1.47	D		1180	D	
TOTAL TIC's:	7.40	DJN		6080	DJN	
TOTAL VO's & TIC's:	8.87	DJN		7260	DJN	
Semivolatiles - BNA (Units)		*(ug/L)*			*(ug/L)*	
Naphthalene	1.15		0.275	3510	D	11.0
2-Methylnaphthalene	3.57		0.210	15200	D	42.0
Acenaphthylene	ND		0.160	458	D	6.40
Acenaphthene	0.353	J	0.296	943	D	11.8
Fluorene	0.365	J	0.294	1190	D	11.8
Phenanthrene	0.513	J	0.246	3170	D	9.84
Anthracene	ND		0.265	382	D	10.6
Fluoranthene	ND		0.314	66.3	D	12.6
Pyrene	ND		0.328	611	D	13.1
Benzo[a]anthracene	ND		0.098	25.8	DJ	9.20
Chrysene	ND		0.467	25.2	DJ	18.7
TOTAL BNA'S:	5.95	J		25600	DJ	
TOTAL TIC's:	ND			ND		
TOTAL BNA'S & TIC's:	5.95	J		25600	DJ	

~ = Sample not analyzed for
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. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.
D = The compound was reported from the Diluted analysis
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
N = Presumptive evidence of a compound from the use of GC/MS library search.

SUMMARY REPORT
Client: French & Parrello
Project: 119 OREGON ROAD
Lab Case No.: E21-01472

Lab ID:	01472-001			01472-002			01472-003			01472-004		
Client ID:	SI-1			SI-2			SI-3			SI-4		
Depth:	12/12.5			14/14.5			14/14.5			6.0/6.5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	3/12/21			3/12/21			3/12/21			3/12/21		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Volatiles (Units)	*(mg/Kg)*			*(mg/Kg)*			*(mg/Kg)*			*(mg/Kg)*		
Ethylbenzene	ND		0.000246	0.625	D	0.022	0.000358	J	0.000237	ND		0.000262
Total Xylenes	ND		0.000955	3.74	D	0.072	0.00173		0.000923	ND		0.00102
Isopropylbenzene	ND		0.000303	0.395	D	0.032	ND		0.000292	ND		0.000323
Methyl acetate	ND		0.000273	ND		0.040	0.00388		0.000264	ND		0.000292
Cyclohexane	ND		0.000405	0.245	D	0.045	ND		0.000391	ND		0.000432
Methylcyclohexane	ND		0.000259	1.36	D	0.041	ND		0.00025	ND		0.000276
TOTAL VO's:	ND			6.37	D		0.00597	J		ND		
TOTAL TIC's:	ND			86.3	DJN		0.023	JN		ND		
TOTAL VO's & TIC's:	ND			92.7	DJN		0.029	JN		ND		
Semivolatiles - BNA (Units)	*(mg/Kg)*			*(mg/Kg)*			*(mg/Kg)*			*(mg/Kg)*		
Naphthalene	ND		0.029	9.77	D	0.150	ND		0.031	~		~
2-Methylnaphthalene	ND		0.024	30.2	D	0.124	ND		0.025	~		~
Acenaphthylene	ND		0.029	0.476	D	0.151	ND		0.031	~		~
Acenaphthene	ND		0.031	2.39	D	0.158	ND		0.032	~		~
Fluorene	ND		0.032	3.03	D	0.162	ND		0.033	~		~
Phenanthrene	ND		0.035	7.79	D	0.179	ND		0.037	~		~
Anthracene	ND		0.036	0.806	D	0.185	ND		0.038	~		~
Fluoranthene	ND		0.035	0.320	D	0.182	ND		0.037	~		~
Pyrene	ND		0.033	1.01	D	0.171	ND		0.035	~		~
TOTAL BNA'S:	ND			55.8	D		ND			~		~
TOTAL TIC's:	ND			ND			ND			~		~
TOTAL BNA'S & TIC's:	ND			55.8	D		ND			~		~
Hydrocarbons (Units)	*(mg/Kg)*			*(mg/Kg)*			*(mg/Kg)*			*(mg/Kg)*		
TPH-DRO	ND		172	3210		166	ND		182	ND		178

~ = Sample not analyzed for
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. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.
D = The compound was reported from the Diluted analysis
All qualifiers on individual Volatiles & Semivolatiles are carried down through summation.
N = Presumptive evidence of a compound from the use of GC/MS library search.

SUMMARY REPORT
Client: French & Parrello
Project: 119 OREGON ROAD
Lab Case No.: E21-01472

Lab ID:	01472-005			01472-006			01472-007			01472-008		
Client ID:	SC-1			SC-2			SC-3			SC-4		
Depth:												
Matrix:	Soil			Soil			Soil			Soil		
TCLP Matrix:	TCLP Leachate			TCLP Leachate			TCLP Leachate			TCLP Leachate		
Sampled Date	3/12/21			3/12/21			3/12/21			3/12/21		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Metals (Units)	*(mg/Kg)*			*(mg/Kg)*			*(mg/Kg)*			*(mg/Kg)*		
Arsenic	3.18		0.167	2.89		0.174	3.04		0.174	3.08		0.170
Barium	46.6		0.278	57.1		0.291	56.7		0.290	61.0		0.283
Cadmium	ND		0.333	ND		0.349	ND		0.348	ND		0.340
Chromium	9.47		0.278	11.5		0.291	13.1		0.290	13.8		0.283
Lead	25.8		0.278	6.52		0.291	12.6		0.290	28.2		0.283
Mercury	0.014	J	0.012	0.025	J	0.010	0.015	J	0.012	0.031		0.012
Selenium	2.12	J	1.67	2.10	J	1.74	1.84	J	1.74	2.17	J	1.70
Silver	ND		0.333	ND		0.349	ND		0.348	ND		0.340
TCLP Metals (Units)	*(mg/L)*			*(mg/L)*			*(mg/L)*			*(mg/L)*		
TCLP Arsenic	ND		0.040	ND		0.040	ND		0.040	ND		0.040
TCLP Barium	0.308		0.050	0.228		0.050	0.225		0.050	0.317		0.050
TCLP Cadmium	ND		0.070	ND		0.070	ND		0.070	ND		0.070
TCLP Chromium	ND		0.070	ND		0.070	ND		0.070	ND		0.070
TCLP Lead	0.168		0.060	ND		0.060	ND		0.060	ND		0.060
TCLP Mercury	ND		0.0002	ND		0.0002	ND		0.0002	ND		0.0002
TCLP Selenium	ND		0.300	ND		0.300	ND		0.300	ND		0.300
TCLP Silver	ND		0.060	ND		0.060	ND		0.060	ND		0.060

Lab ID:	01472-009		
Client ID:	SC-5		
Depth:			
Matrix:	Soil		
TCLP Matrix:	TCLP Leachate		
Sampled Date	3/12/21		
PARAMETER(Units)	Conc	Q	MDL
Metals (Units)	*(mg/Kg)*		
Arsenic	3.45		0.174
Barium	84.2		0.290
Cadmium	ND		0.348
Chromium	21.9		0.290
Lead	7.08		0.290
Mercury	0.029		0.011
Selenium	3.22	J	1.74
Silver	ND		0.348
TCLP Metals (Units)	*(mg/L)*		
TCLP Arsenic	ND		0.040
TCLP Barium	0.184		0.050
TCLP Cadmium	ND		0.070
TCLP Chromium	ND		0.070
TCLP Lead	ND		0.060
TCLP Mercury	ND		0.0002
TCLP Selenium	ND		0.300
TCLP Silver	ND		0.060

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. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.

ANALYTICAL RESULTS

VOLATILE ORGANICS

Lab ID: E21-01472-001
Client ID: SI-1/12-12.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Data file: F4661.D 03/17/2021 14:16

GC/MS Column: DB-624
Sample wt/vol: 6.33g
Matrix-Units: Soil-mg/Kg
% Moisture: 11.5
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00089	0.000345
Chloromethane	ND		0.00089	0.000379
Vinyl chloride	ND		0.00089	0.000377
Bromomethane	ND		0.00089	0.000532
Chloroethane	ND		0.00089	0.000424
Trichlorofluoromethane	ND		0.00089	0.000358
1,1-Dichloroethene	ND		0.00089	0.000363
Acetone	ND		0.00356	0.00227
Carbon disulfide	ND		0.00089	0.000225
Methylene chloride	ND		0.00178	0.00173
trans-1,2-Dichloroethene	ND		0.00089	0.000356
Methyl tert-butyl ether (MTBE)	ND		0.00089	0.000264
1,1-Dichloroethane	ND		0.00089	0.000325
cis-1,2-Dichloroethene	ND		0.00089	0.000308
2-Butanone (MEK)	ND		0.00178	0.000846
Bromochloromethane	ND		0.00089	0.000259
Chloroform	ND		0.00089	0.000501
1,1,1-Trichloroethane	ND		0.00089	0.000252
Carbon tetrachloride	ND		0.00089	0.000246
1,2-Dichloroethane (EDC)	ND		0.00089	0.000337
Benzene	ND		0.00089	0.000193
Trichloroethene	ND		0.00089	0.00026
1,2-Dichloropropane	ND		0.00089	0.000208
1,4-Dioxane	ND		0.178	0.032
Bromodichloromethane	ND		0.00089	0.000178
cis-1,3-Dichloropropene	ND		0.00089	0.000191
4-Methyl-2-pentanone (MIBK)	ND		0.00356	0.000653

VOLATILE ORGANICS

Lab ID: E21-01472-001
Client ID: SI-1/12-12.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Data file: F4661.D 03/17/2021 14:16

GC/MS Column: DB-624
Sample wt/vol: 6.33g
Matrix-Units: Soil-mg/Kg
% Moisture: 11.5
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00089	0.000204
trans-1,3-Dichloropropene	ND		0.00089	0.000231
1,1,2-Trichloroethane	ND		0.00089	0.000273
Tetrachloroethene	ND		0.00089	0.000333
2-Hexanone	ND		0.00356	0.00136
Dibromochloromethane	ND		0.00089	0.000245
1,2-Dibromoethane (EDB)	ND		0.00089	0.000176
Chlorobenzene	ND		0.00089	0.000203
Ethylbenzene	ND		0.00089	0.000246
Total Xylenes	ND		0.00178	0.000955
Styrene	ND		0.00178	0.000296
Bromoform	ND		0.00089	0.000309
Isopropylbenzene	ND		0.00178	0.000303
1,1,2,2-Tetrachloroethane	ND		0.00089	0.00039
1,3-Dichlorobenzene	ND		0.00089	0.000263
1,4-Dichlorobenzene	ND		0.00089	0.000263
1,2-Dichlorobenzene	ND		0.00089	0.000247
1,2-Dibromo-3-chloropropane	ND		0.00089	0.000491
1,2,4-Trichlorobenzene	ND		0.00089	0.000349
1,2,3-Trichlorobenzene	ND		0.00089	0.000352
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00089	0.000393
Methyl acetate	ND		0.00089	0.000273
Cyclohexane	ND		0.00089	0.000405
Methylcyclohexane	ND		0.00089	0.000259
1,3-Dichloropropene (cis- and trans-)	ND		0.00089	0.000231

Total Target Compounds (52): 0

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: E21-01472-001
Client ID: SI-1/12-12.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Date File: F4661.D

GC/MS Column: DB-624
Sample wt/vol: 6.33g
Matrix-Units: Soil-mg/Kg
Dilution Factor: 1
% Moisture: 11.5

CAS #	Compound	Estimated Concentration	Q	Retention Time
	No peaks detected			

Total TICs = 0

D --- Dilution Performed

J --- Estimated concentration for TICs

N --- Presumptive evidence of a compound from the use of GC/MS NIST library search

VOLATILE ORGANICS

Lab ID: E21-01472-002
Client ID: SI-2/14-14.5
Date Received: 03/15/2021
Date Analyzed: 03/18/2021
Data file: L3541.D 03/18/2021 14:47

GC/MS Column: DB-624
Sample wt/vol: 0.06945g
Matrix-Units: Soil-mg/Kg
% Moisture: 11.8
Dilution Factor: 2

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.041	0.040
Chloromethane	ND		0.041	0.026
Vinyl chloride	ND		0.041	0.012
Bromomethane	ND		0.082	0.029
Chloroethane	ND		0.041	0.032
Trichlorofluoromethane	ND		0.041	0.036
1,1-Dichloroethene	ND		0.041	0.033
Acetone	ND		0.163	0.159
Carbon disulfide	ND		0.041	0.018
Methylene chloride	ND		0.082	0.081
trans-1,2-Dichloroethene	ND		0.041	0.023
Methyl tert-butyl ether (MTBE)	ND		0.041	0.022
1,1-Dichloroethane	ND		0.041	0.016
cis-1,2-Dichloroethene	ND		0.041	0.013
2-Butanone (MEK)	ND		0.082	0.057
Bromochloromethane	ND		0.041	0.014
Chloroform	ND		0.041	0.013
1,1,1-Trichloroethane	ND		0.041	0.00857
Carbon tetrachloride	ND		0.041	0.00971
1,2-Dichloroethane (EDC)	ND		0.041	0.022
Benzene	ND		0.041	0.012
Trichloroethene	ND		0.041	0.017
1,2-Dichloropropane	ND		0.041	0.00898
1,4-Dioxane	ND		16.3	3.00
Bromodichloromethane	ND		0.041	0.023
cis-1,3-Dichloropropene	ND		0.041	0.018
4-Methyl-2-pentanone (MIBK)	ND		0.082	0.065

VOLATILE ORGANICS

Lab ID: E21-01472-002
Client ID: SI-2/14-14.5
Date Received: 03/15/2021
Date Analyzed: 03/18/2021
Data file: L3541.D 03/18/2021 14:47

GC/MS Column: DB-624
Sample wt/vol: 0.06945g
Matrix-Units: Soil-mg/Kg
% Moisture: 11.8
Dilution Factor: 2

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.041	0.014
trans-1,3-Dichloropropene	ND		0.041	0.020
1,1,2-Trichloroethane	ND		0.041	0.019
Tetrachloroethene	ND		0.041	0.022
2-Hexanone	ND		0.082	0.080
Dibromochloromethane	ND		0.041	0.031
1,2-Dibromoethane (EDB)	ND		0.041	0.021
Chlorobenzene	ND		0.041	0.023
Ethylbenzene	0.625	D	0.041	0.022
Total Xylenes	3.74	D	0.082	0.072
Styrene	ND		0.041	0.035
Bromoform	ND		0.041	0.035
Isopropylbenzene	0.395	D	0.041	0.032
1,1,2,2-Tetrachloroethane	ND		0.082	0.065
1,3-Dichlorobenzene	ND		0.041	0.024
1,4-Dichlorobenzene	ND		0.041	0.032
1,2-Dichlorobenzene	ND		0.041	0.026
1,2-Dibromo-3-chloropropane	ND		0.082	0.047
1,2,4-Trichlorobenzene	ND		0.082	0.030
1,2,3-Trichlorobenzene	ND		0.082	0.042
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.041	0.028
Methyl acetate	ND		0.041	0.040
Cyclohexane	0.245	D	0.082	0.045
Methylcyclohexane	1.36	D	0.082	0.041
1,3-Dichloropropene (cis- and trans-)	ND		0.041	0.020
Total Target Compounds (52):	6.37	D		

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: E21-01472-002
Client ID: SI-2/14-14.5
Date Received: 03/15/2021
Date Analyzed: 03/18/2021
Date File: L3541.D

GC/MS Column: DB-624
Sample wt/vol: 0.06945g
Matrix-Units: Soil-mg/Kg
Dilution Factor: 2
% Moisture: 11.8

CAS #	Compound	Estimated Concentration	Q	Retention Time
000111-84-2	Nonane	4.13	DJN	10.51
001678-92-8	Cyclohexane, propyl-	4.30	DJN	11.24
000611-14-3	Benzene, 1-ethyl-2-methyl-	6.42	DJN	11.99
000526-73-8	Benzene, 1,2,3-trimethyl-	6.89	DJN	12.09
000622-96-8	Benzene, 1-ethyl-4-methyl-	4.07	DJN	12.35
000108-67-8	Benzene, 1,3,5-trimethyl-	8.28	DJN	12.56
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	7.04	DJN	13.43
1000152-47-3	trans-Decalin, 2-methyl-	5.72	DJN	14.23
003333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	3.78	DJN	14.74
000824-90-8	1-Phenyl-1-butene	8.61	DJN	14.93
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	7.32	DJN	15.11
	Unknown Aromatic	4.17	DJ	15.34
	Unknown PAH	4.52	DJ	15.72
	Unknown Aromatic	5.96	DJ	15.81
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	5.09	DJN	16.20

Total TICs = 86.3 DJN

D --- Dilution Performed
J --- Estimated concentration for TICs
N --- Presumptive evidence of a compound from the use of GC/MS NIST library search

VOLATILE ORGANICS

Lab ID: E21-01472-003
Client ID: SI-3/14-14.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Data file: F4662.D 03/17/2021 14:48

GC/MS Column: DB-624
Sample wt/vol: 6.69g
Matrix-Units: Soil-mg/Kg
% Moisture: 13.5
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00086	0.000334
Chloromethane	ND		0.00086	0.000366
Vinyl chloride	ND		0.00086	0.000365
Bromomethane	ND		0.00086	0.000514
Chloroethane	ND		0.00086	0.000409
Trichlorofluoromethane	ND		0.00086	0.000346
1,1-Dichloroethene	ND		0.00086	0.000351
Acetone	ND		0.00344	0.00219
Carbon disulfide	ND		0.00086	0.000218
Methylene chloride	ND		0.00172	0.00167
trans-1,2-Dichloroethene	ND		0.00086	0.000344
Methyl tert-butyl ether (MTBE)	ND		0.00086	0.000255
1,1-Dichloroethane	ND		0.00086	0.000314
cis-1,2-Dichloroethene	ND		0.00086	0.000298
2-Butanone (MEK)	ND		0.00172	0.000818
Bromochloromethane	ND		0.00086	0.00025
Chloroform	ND		0.00086	0.000484
1,1,1-Trichloroethane	ND		0.00086	0.000243
Carbon tetrachloride	ND		0.00086	0.000237
1,2-Dichloroethane (EDC)	ND		0.00086	0.000326
Benzene	ND		0.00086	0.000187
Trichloroethene	ND		0.00086	0.000251
1,2-Dichloropropane	ND		0.00086	0.000201
1,4-Dioxane	ND		0.172	0.031
Bromodichloromethane	ND		0.00086	0.000172
cis-1,3-Dichloropropene	ND		0.00086	0.000185
4-Methyl-2-pentanone (MIBK)	ND		0.00344	0.000631

VOLATILE ORGANICS

Lab ID: E21-01472-003
Client ID: SI-3/14-14.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Data file: F4662.D 03/17/2021 14:48

GC/MS Column: DB-624
Sample wt/vol: 6.69g
Matrix-Units: Soil-mg/Kg
% Moisture: 13.5
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00086	0.000197
trans-1,3-Dichloropropene	ND		0.00086	0.000223
1,1,2-Trichloroethane	ND		0.00086	0.000264
Tetrachloroethene	ND		0.00086	0.000322
2-Hexanone	ND		0.00344	0.00132
Dibromochloromethane	ND		0.00086	0.000237
1,2-Dibromoethane (EDB)	ND		0.00086	0.00017
Chlorobenzene	ND		0.00086	0.000196
Ethylbenzene	0.000358	J	0.00086	0.000237
Total Xylenes	0.00173		0.00172	0.000923
Styrene	ND		0.00172	0.000286
Bromoform	ND		0.00086	0.000298
Isopropylbenzene	ND		0.00172	0.000292
1,1,2,2-Tetrachloroethane	ND		0.00086	0.000377
1,3-Dichlorobenzene	ND		0.00086	0.000254
1,4-Dichlorobenzene	ND		0.00086	0.000254
1,2-Dichlorobenzene	ND		0.00086	0.000239
1,2-Dibromo-3-chloropropane	ND		0.00086	0.000475
1,2,4-Trichlorobenzene	ND		0.00086	0.000337
1,2,3-Trichlorobenzene	ND		0.00086	0.00034
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00086	0.00038
Methyl acetate	0.00388		0.00086	0.000264
Cyclohexane	ND		0.00086	0.000391
Methylcyclohexane	ND		0.00086	0.00025
1,3-Dichloropropene (cis- and trans-)	ND		0.00086	0.000223
Total Target Compounds (52):	0.00597	J		

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: E21-01472-003
Client ID: SI-3/14-14.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Date File: F4662.D

GC/MS Column: DB-624
Sample wt/vol: 6.69g
Matrix-Units: Soil-mg/Kg
Dilution Factor: 1
% Moisture: 13.5

CAS #	Compound	Estimated Concentration	Q	Retention Time
000526-73-8	Benzene, 1,2,3-trimethyl-	0.00662	JN	12.64
001074-43-7	Benzene, 1-methyl-3-propyl-	0.00456	JN	13.43
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	0.00568	JN	13.51
002234-20-0	2,4-Dimethylstyrene	0.00576	JN	15.00

Total TICs = 0.023 JN

D --- Dilution Performed

J --- Estimated concentration for TICs

N --- Presumptive evidence of a compound from the use of GC/MS NIST library search

VOLATILE ORGANICS

Lab ID: E21-01472-004
Client ID: SI-4/6.0-6.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Data file: F4663.D 03/17/2021 15:19

GC/MS Column: DB-624
Sample wt/vol: 6.18g
Matrix-Units: Soil-mg/Kg
% Moisture: 15.2
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.00095	0.000369
Chloromethane	ND		0.00095	0.000405
Vinyl chloride	ND		0.00095	0.000403
Bromomethane	ND		0.00095	0.000568
Chloroethane	ND		0.00095	0.000452
Trichlorofluoromethane	ND		0.00095	0.000382
1,1-Dichloroethene	ND		0.00095	0.000388
Acetone	ND		0.0038	0.00242
Carbon disulfide	ND		0.00095	0.00024
Methylene chloride	ND		0.0019	0.00184
trans-1,2-Dichloroethene	ND		0.00095	0.00038
Methyl tert-butyl ether (MTBE)	ND		0.00095	0.000282
1,1-Dichloroethane	ND		0.00095	0.000347
cis-1,2-Dichloroethene	ND		0.00095	0.000329
2-Butanone (MEK)	ND		0.0019	0.000903
Bromochloromethane	ND		0.00095	0.000276
Chloroform	ND		0.00095	0.000535
1,1,1-Trichloroethane	ND		0.00095	0.000269
Carbon tetrachloride	ND		0.00095	0.000262
1,2-Dichloroethane (EDC)	ND		0.00095	0.00036
Benzene	ND		0.00095	0.000206
Trichloroethene	ND		0.00095	0.000277
1,2-Dichloropropane	ND		0.00095	0.000222
1,4-Dioxane	ND		0.190	0.035
Bromodichloromethane	ND		0.00095	0.00019
cis-1,3-Dichloropropene	ND		0.00095	0.000204
4-Methyl-2-pentanone (MIBK)	ND		0.0038	0.000697

VOLATILE ORGANICS

Lab ID: E21-01472-004
Client ID: SI-4/6.0-6.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Data file: F4663.D 03/17/2021 15:19

GC/MS Column: DB-624
Sample wt/vol: 6.18g
Matrix-Units: Soil-mg/Kg
% Moisture: 15.2
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.00095	0.000218
trans-1,3-Dichloropropene	ND		0.00095	0.000246
1,1,2-Trichloroethane	ND		0.00095	0.000292
Tetrachloroethene	ND		0.00095	0.000355
2-Hexanone	ND		0.0038	0.00146
Dibromochloromethane	ND		0.00095	0.000261
1,2-Dibromoethane (EDB)	ND		0.00095	0.000188
Chlorobenzene	ND		0.00095	0.000217
Ethylbenzene	ND		0.00095	0.000262
Total Xylenes	ND		0.0019	0.00102
Styrene	ND		0.0019	0.000316
Bromoform	ND		0.00095	0.00033
Isopropylbenzene	ND		0.0019	0.000323
1,1,2,2-Tetrachloroethane	ND		0.00095	0.000416
1,3-Dichlorobenzene	ND		0.00095	0.00028
1,4-Dichlorobenzene	ND		0.00095	0.00028
1,2-Dichlorobenzene	ND		0.00095	0.000264
1,2-Dibromo-3-chloropropane	ND		0.00095	0.000524
1,2,4-Trichlorobenzene	ND		0.00095	0.000372
1,2,3-Trichlorobenzene	ND		0.00095	0.000375
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00095	0.00042
Methyl acetate	ND		0.00095	0.000292
Cyclohexane	ND		0.00095	0.000432
Methylcyclohexane	ND		0.00095	0.000276
1,3-Dichloropropene (cis- and trans-)	ND		0.00095	0.000246

Total Target Compounds (52): 0

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: E21-01472-004
Client ID: SI-4/6.0-6.5
Date Received: 03/15/2021
Date Analyzed: 03/17/2021
Date File: F4663.D

GC/MS Column: DB-624
Sample wt/vol: 6.18g
Matrix-Units: Soil-mg/Kg
Dilution Factor: 1
% Moisture: 15.2

CAS #	Compound	Estimated Concentration	Q	Retention Time
	No peaks detected			

Total TICs = 0

D --- Dilution Performed

J --- Estimated concentration for TICs

N --- Presumptive evidence of a compound from the use of GC/MS NIST library search

VOLATILE ORGANICS

Lab ID: E21-01472-010
Client ID: TWP-SI-1
Date Received: 03/15/2021
Date Analyzed: 03/19/2021
Data file: K8382.D 03/19/2021 18:33
Data file: P2857.D^

GC/MS Column: DB-624
Sample wt/vol: 5mL
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		1.00	0.490
Chloromethane	ND		0.500	0.317
Vinyl chloride	ND		1.00	0.149
Bromomethane	ND		1.00	0.356
Chloroethane	ND		0.500	0.390
Trichlorofluoromethane	ND		0.500	0.445
1,1-Dichloroethene	ND		0.500	0.409
Acetone	ND		2.00	1.95
Carbon disulfide	ND		1.00	0.220
Methylene chloride	ND		1.00	0.990
trans-1,2-Dichloroethene	ND		0.500	0.281
Methyl tert-butyl ether (MTBE)	ND		0.500	0.265
1,1-Dichloroethane	ND		0.500	0.193
cis-1,2-Dichloroethene	ND		0.500	0.156
2-Butanone (MEK)	ND		2.00	0.701
Bromochloromethane	ND		1.00	0.174
Chloroform	ND		0.500	0.163
1,1,1-Trichloroethane	ND		0.500	0.105
Carbon tetrachloride	ND		0.500	0.119
1,2-Dichloroethane (EDC)	ND		0.500	0.271
Benzene	ND		0.500	0.144
Trichloroethene	ND		0.500	0.205
1,2-Dichloropropane	ND		0.500	0.110
1,4-Dioxane	ND		100	36.7
Bromodichloromethane	ND		0.500	0.286
cis-1,3-Dichloropropene	ND		1.00	0.222
4-Methyl-2-pentanone (MIBK)	ND		1.00	0.795

VOLATILE ORGANICS

Lab ID: E21-01472-010
Client ID: TWP-SI-1
Date Received: 03/15/2021
Date Analyzed: 03/19/2021
Data file: K8382.D 03/19/2021 18:33
Data file: P2857.D^

GC/MS Column: DB-624
Sample wt/vol: 5mL
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.500	0.174
trans-1,3-Dichloropropene	ND		1.00	0.241
1,1,2-Trichloroethane	ND		0.500	0.232
Tetrachloroethene	ND		0.500	0.270
2-Hexanone	ND		1.00	0.975
Dibromochloromethane	ND		0.500	0.381
1,2-Dibromoethane (EDB)^	ND		0.00491	0.00434
Chlorobenzene	ND		0.500	0.278
Ethylbenzene	ND		0.500	0.270
Total Xylenes	1.47	D	1.00	0.881
Styrene	ND		0.500	0.432
Bromoform	ND		0.500	0.423
Isopropylbenzene	ND		0.500	0.386
1,1,2,2-Tetrachloroethane	ND		1.00	0.791
1,3-Dichlorobenzene	ND		0.500	0.296
1,4-Dichlorobenzene	ND		0.500	0.392
1,2-Dichlorobenzene	ND		0.500	0.324
1,2-Dibromo-3-chloropropane^	ND		0.00491	0.00434
1,2,4-Trichlorobenzene	ND		1.00	0.362
1,2,3-Trichlorobenzene	ND		1.00	0.513
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.347
Methyl acetate	ND		0.500	0.487
Cyclohexane	ND		1.00	0.548
Methylcyclohexane	ND		1.00	0.500
1,3-Dichloropropene (cis- and trans-)	ND		1.00	0.241
Total Target Compounds (52):	1.47	D		

^ --- Results reported from SW-846 8011
D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve
B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: E21-01472-010
Client ID: TWP-SI-1
Date Received: 03/15/2021
Date Analyzed: 03/19/2021
Date File: K8382.D

GC/MS Column: DB-624
Sample wt/vol: 5mL
Matrix-Units: Aqueous-µg/L
Dilution Factor: 1
% Moisture: 100

CAS #	Compound	Estimated Concentration	Q	Retention Time
000090-12-0	Naphthalene, 1-methyl-	7.40	DJN	16.85

Total TICs = 7.40 DJN

D --- Dilution Performed
J --- Estimated concentration for TICs
N --- Presumptive evidence of a compound from the use of GC/MS NIST library search

VOLATILE ORGANICS

Lab ID: E21-01472-011
Client ID: TWP-SI-2
Date Received: 03/15/2021
Date Analyzed: 03/19/2021
Data file: K8383.D 03/19/2021 18:59
Data file: P2858.D^

GC/MS Column: DB-624
Sample wt/vol: 2.5mL
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 2

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		2.00	0.980
Chloromethane	ND		1.00	0.634
Vinyl chloride	ND		2.00	0.298
Bromomethane	ND		2.00	0.712
Chloroethane	ND		1.00	0.780
Trichlorofluoromethane	ND		1.00	0.890
1,1-Dichloroethene	ND		1.00	0.818
Acetone	ND		4.00	3.90
Carbon disulfide	ND		2.00	0.440
Methylene chloride	ND		2.00	1.98
trans-1,2-Dichloroethene	ND		1.00	0.562
Methyl tert-butyl ether (MTBE)	ND		1.00	0.530
1,1-Dichloroethane	ND		1.00	0.386
cis-1,2-Dichloroethene	ND		1.00	0.312
2-Butanone (MEK)	ND		4.00	1.40
Bromochloromethane	ND		2.00	0.348
Chloroform	ND		1.00	0.326
1,1,1-Trichloroethane	ND		1.00	0.210
Carbon tetrachloride	ND		1.00	0.238
1,2-Dichloroethane (EDC)	ND		1.00	0.542
Benzene	17.4	D	1.00	0.288
Trichloroethene	ND		1.00	0.410
1,2-Dichloropropane	ND		1.00	0.220
1,4-Dioxane	ND		200	73.4
Bromodichloromethane	ND		1.00	0.572
cis-1,3-Dichloropropene	ND		2.00	0.444
4-Methyl-2-pentanone (MIBK)	ND		2.00	1.59

VOLATILE ORGANICS

Lab ID: E21-01472-011
Client ID: TWP-SI-2
Date Received: 03/15/2021
Date Analyzed: 03/19/2021
Data file: K8383.D 03/19/2021 18:59
Data file: P2858.D^

GC/MS Column: DB-624
Sample wt/vol: 2.5mL
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 2

Compound	Concentration	Q	RL	MDL
Toluene	8.99	D	1.00	0.348
trans-1,3-Dichloropropene	ND		2.00	0.482
1,1,2-Trichloroethane	ND		1.00	0.464
Tetrachloroethene	ND		1.00	0.540
2-Hexanone	ND		2.00	1.95
Dibromochloromethane	ND		1.00	0.762
1,2-Dibromoethane (EDB)^	ND		0.00483	0.00426
Chlorobenzene	ND		1.00	0.556
Ethylbenzene	165	D	1.00	0.540
Total Xylenes	897	D	2.00	1.76
Styrene	ND		1.00	0.864
Bromoform	ND		1.00	0.846
Isopropylbenzene	33.0	D	1.00	0.772
1,1,2,2-Tetrachloroethane	ND		2.00	1.58
1,3-Dichlorobenzene	ND		1.00	0.592
1,4-Dichlorobenzene	ND		1.00	0.784
1,2-Dichlorobenzene	ND		1.00	0.648
1,2-Dibromo-3-chloropropane^	ND		0.00483	0.00426
1,2,4-Trichlorobenzene	ND		2.00	0.724
1,2,3-Trichlorobenzene	ND		2.00	1.03
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.00	0.694
Methyl acetate	ND		1.00	0.974
Cyclohexane	25.7	D	2.00	1.10
Methylcyclohexane	37.9	D	2.00	1.00
1,3-Dichloropropene (cis- and trans-)	ND		2.00	0.482
Total Target Compounds (52):	1180	D		

^ --- Results reported from SW-846 8011
D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve
B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: E21-01472-011
Client ID: TWP-SI-2
Date Received: 03/15/2021
Date Analyzed: 03/19/2021
Date File: K8383.D

GC/MS Column: DB-624
Sample wt/vol: 2.5mL
Matrix-Units: Aqueous-µg/L
Dilution Factor: 2
% Moisture: 100

CAS #	Compound	Estimated Concentration	Q	Retention Time
000611-14-3	Benzene, 1-ethyl-2-methyl-	497	DJN	12.11
000108-67-8	Benzene, 1,3,5-trimethyl-	180	DJN	12.22
	Unknown Aromatic	230	DJ	12.46
000526-73-8	Benzene, 1,2,3-trimethyl-	820	DJN	12.67
	Unknown Aromatic	339	DJ	13.19
	Unknown Aromatic	380	DJ	13.44
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl	155	DJN	13.54
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	173	DJN	14.15
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	152	DJN	14.86
000767-58-8	Indan, 1-methyl-	424	DJN	15.04
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	220	DJN	15.22
000091-20-3	Naphthalene	820	DJN	15.72
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	184	DJN	16.31
000091-57-6	Naphthalene, 2-methyl-	984	DJN	16.86
	Unknown PAH	520	DJ	17.05

Total TICs = 6080 DJN

D --- Dilution Performed

J --- Estimated concentration for TICs

N --- Presumptive evidence of a compound from the use of GC/MS NIST library search

SEMIVOLATILE ORGANICS

Lab ID: E21-01472-001
Client ID: SI-1/12-
Date Received: 03/15/2021
Date Extracted: 03/17/2021
Date Analyzed: 03/17/2021
Data file: C7119.D 03/17/2021 20:13

GC/MS Column: DB-5
Sample wt/vol: 15.0g
Matrix-Units: Soil-mg/Kg
% Moisture: 9.30
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Naphthalene	ND		0.037	0.029
2-Methylnaphthalene	ND		0.037	0.024
Acenaphthylene	ND		0.037	0.029
Acenaphthene	ND		0.037	0.031
Fluorene	ND		0.037	0.032
Phenanthrene	ND		0.037	0.035
Anthracene	ND		0.037	0.036
Fluoranthene	ND		0.037	0.035
Pyrene	ND		0.037	0.033
Benzo[a]anthracene	ND		0.037	0.022
Chrysene	ND		0.037	0.034
Benzo[b]fluoranthene	ND		0.037	0.035
Benzo[k]fluoranthene	ND		0.037	0.031
Benzo[a]pyrene	ND		0.037	0.032
Indeno[1,2,3-cd]pyrene	ND		0.037	0.036
Dibenz[a,h]anthracene	ND		0.037	0.034
Benzo[g,h,i]perylene	ND		0.037	0.036

Total Target Compounds (17): 0

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve
B --- Compound detected in Blank
C --- Common laboratory contamination

SEMIVOLATILE ORGANICS

Lab ID: E21-01472-002
Client ID: SI-2/14-
Date Received: 03/15/2021
Date Extracted: 03/17/2021
Date Analyzed: 03/17/2021
Data file: C7120.D 03/17/2021 20:29

GC/MS Column: DB-5
Sample wt/vol: 15.0g
Matrix-Units: Soil-mg/Kg
% Moisture: 11.8
Dilution Factor: 5

Compound	Concentration	Q	RL	MDL
Naphthalene	9.77	D	0.189	0.150
2-Methylnaphthalene	30.2	D	0.189	0.124
Acenaphthylene	0.476	D	0.189	0.151
Acenaphthene	2.39	D	0.189	0.158
Fluorene	3.03	D	0.189	0.162
Phenanthrene	7.79	D	0.189	0.179
Anthracene	0.806	D	0.189	0.185
Fluoranthene	0.320	D	0.189	0.182
Pyrene	1.01	D	0.189	0.171
Benzo[a]anthracene	ND		0.189	0.114
Chrysene	ND		0.189	0.176
Benzo[b]fluoranthene	ND		0.189	0.182
Benzo[k]fluoranthene	ND		0.189	0.159
Benzo[a]pyrene	ND		0.189	0.165
Indeno[1,2,3-cd]pyrene	ND		0.189	0.182
Dibenz[a,h]anthracene	ND		0.189	0.175
Benzo[g,h,i]perylene	ND		0.189	0.184
Total Target Compounds (17):	55.8	D		

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve
B --- Compound detected in Blank
C --- Common laboratory contamination

SEMIVOLATILE ORGANICS

Lab ID: E21-01472-003
Client ID: SI-3/14-
Date Received: 03/15/2021
Date Extracted: 03/17/2021
Date Analyzed: 03/17/2021
Data file: C7121.D 03/17/2021 20:43

GC/MS Column: DB-5
Sample wt/vol: 15.0g
Matrix-Units: Soil-mg/Kg
% Moisture: 13.5
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Naphthalene	ND		0.039	0.031
2-Methylnaphthalene	ND		0.039	0.025
Acenaphthylene	ND		0.039	0.031
Acenaphthene	ND		0.039	0.032
Fluorene	ND		0.039	0.033
Phenanthrene	ND		0.039	0.037
Anthracene	ND		0.039	0.038
Fluoranthene	ND		0.039	0.037
Pyrene	ND		0.039	0.035
Benzo[a]anthracene	ND		0.039	0.023
Chrysene	ND		0.039	0.036
Benzo[b]fluoranthene	ND		0.039	0.037
Benzo[k]fluoranthene	ND		0.039	0.032
Benzo[a]pyrene	ND		0.039	0.034
Indeno[1,2,3-cd]pyrene	ND		0.039	0.037
Dibenz[a,h]anthracene	ND		0.039	0.036
Benzo[g,h,i]perylene	ND		0.039	0.038

Total Target Compounds (17): 0

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve
B --- Compound detected in Blank
C --- Common laboratory contamination

SEMIVOLATILE ORGANICS

Lab ID: E21-01472-010
Client ID: TWP-SI-1
Date Received: 03/15/2021
Date Extracted: 03/17/2021
Date Analyzed: 03/23/2021
Data file: B7980.D 03/23/2021 20:52
SIM Data file: B7967.D 03/23/2021 17:26

GC/MS Column: DB-5
Sample wt/vol: 500ml
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Naphthalene	1.15		1.00	0.275
2-Methylnaphthalene	3.57		1.00	0.210
Acenaphthylene	ND		1.00	0.160
Acenaphthene	0.353	J	1.00	0.296
Fluorene	0.365	J	1.00	0.294
Phenanthrene	0.513	J	1.00	0.246
Anthracene	ND		1.00	0.265
Fluoranthene	ND		1.00	0.314
Pyrene	ND		1.00	0.328
Benzo[a]anthracene *	ND		0.100	0.098
Chrysene	ND		1.00	0.467
Benzo[b]fluoranthene *	ND		0.100	0.092
Benzo[k]fluoranthene *	ND		0.100	0.089
Benzo[a]pyrene *	ND		0.100	0.087
Indeno[1,2,3-cd]pyrene *	ND		0.100	0.088
Dibenz[a,h]anthracene *	ND		0.100	0.094
Benzo[g,h,i]perylene	ND		1.00	0.326
Total Target Compounds (17):	5.95	J	* - RL & MDL from SIM run	

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve
B --- Compound detected in Blank
C --- Common laboratory contamination

SEMIVOLATILE ORGANICS

Lab ID: E21-01472-011
Client ID: TWP-SI-2
Date Received: 03/15/2021
Date Extracted: 03/17/2021
Date Analyzed: 03/24/2021
Data file: B7998.D 03/24/2021 01:34

GC/MS Column: DB-5
Sample wt/vol: 500ml
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 20

Compound	Concentration	Q	RL	MDL
Naphthalene	3510	D	40.0	11.0
2-Methylnaphthalene	15700	E	40.0	8.40
Acenaphthylene	458	D	40.0	6.40
Acenaphthene	943	D	40.0	11.8
Fluorene	1190	D	40.0	11.8
Phenanthrene	3170	D	40.0	9.84
Anthracene	382	D	40.0	10.6
Fluoranthene	66.3	D	40.0	12.6
Pyrene	611	D	40.0	13.1
Benzo[a]anthracene	25.8	DJ	40.0	9.20
Chrysene	25.2	DJ	40.0	18.7
Benzo[b]fluoranthene	ND		40.0	7.68
Benzo[k]fluoranthene	ND		40.0	15.9
Benzo[a]pyrene	ND		40.0	5.52
Indeno[1,2,3-cd]pyrene	ND		40.0	4.44
Dibenz[a,h]anthracene	ND		40.0	5.84
Benzo[g,h,i]perylene	ND		40.0	13.0

Total Target Compounds (17): 26100 DEJ

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve
B --- Compound detected in Blank
C --- Common laboratory contamination

SEMIVOLATILE ORGANICS

Lab ID: E21-01472-011DL
Client ID: TWP-SI-2
Date Received: 03/15/2021
Date Extracted: 03/17/2021
Date Analyzed: 03/24/2021
Data file: B7999.D 03/24/2021 01:50

GC/MS Column: DB-5
Sample wt/vol: 500ml
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 100

Compound	Concentration	Q	RL	MDL
Naphthalene	3630	D	200	55.0
2-Methylnaphthalene	15200	D	200	42.0
Acenaphthylene	621	D	200	32.0
Acenaphthene	1000	D	200	59.2
Fluorene	1600	D	200	58.8
Phenanthrene	3330	D	200	49.2
Anthracene	298	D	200	53.0
Fluoranthene	ND		200	62.8
Pyrene	587	D	200	65.6
Benzo[a]anthracene	ND		200	46.0
Chrysene	ND		200	93.4
Benzo[b]fluoranthene	ND		200	38.4
Benzo[k]fluoranthene	ND		200	79.6
Benzo[a]pyrene	ND		200	27.6
Indeno[1,2,3-cd]pyrene	ND		200	22.2
Dibenz[a,h]anthracene	ND		200	29.2
Benzo[g,h,i]perylene	ND		200	65.2
Total Target Compounds (17):	26300	D		

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve
B --- Compound detected in Blank
C --- Common laboratory contamination

INTEGRATED ANALYTICAL LABORATORIES

TPH-DRO

Client/Project: FRENCH/119 OREGON ROAD

Lab ID:	01472-001	GC Column:	RTX-5
Client ID:	SI-1	Sample wt/vol:	5.25g
Date Received:	03/15/2021	Matrix-Units:	Soil-mg/Kg (ppm)
Date Extracted:	03/16/2021	Dilution Factor:	1
Date Analyzed:	03/17/2021	%Moisture:	11.5
Data File:	QB6927.D		

Compound	Concentration	Q	RL	MDL
TPH-DRO	ND		215	172

INTEGRATED ANALYTICAL LABORATORIES

TPH-DRO

Client/Project: FRENCH/119 OREGON ROAD

Lab ID:	01472-002	GC Column:	RTX-5
Client ID:	SI-2	Sample wt/vol:	5.46g
Date Received:	03/15/2021	Matrix-Units:	Soil-mg/Kg (ppm)
Date Extracted:	03/16/2021	Dilution Factor:	1
Date Analyzed:	03/17/2021	%Moisture:	11.8
Data File:	QB6928.D		

Compound	Concentration	Q	RL	MDL
TPH-DRO	3,210		208	166

INTEGRATED ANALYTICAL LABORATORIES

TPH-DRO

Client/Project: FRENCH/119 OREGON ROAD

Lab ID:	01472-003	GC Column:	RTX-5
Client ID:	SI-3	Sample wt/vol:	5.08g
Date Received:	03/15/2021	Matrix-Units:	Soil-mg/Kg (ppm)
Date Extracted:	03/16/2021	Dilution Factor:	1
Date Analyzed:	03/17/2021	%Moisture:	13.5
Data File:	QB6929.D		

Compound	Concentration	Q	RL	MDL
TPH-DRO	ND		228	182

INTEGRATED ANALYTICAL LABORATORIES

TPH-DRO

Client/Project: FRENCH/119 OREGON ROAD

Lab ID:	01472-004	GC Column:	RTX-5
Client ID:	SI-4	Sample wt/vol:	5.29g
Date Received:	03/15/2021	Matrix-Units:	Soil-mg/Kg (ppm)
Date Extracted:	03/16/2021	Dilution Factor:	1
Date Analyzed:	03/17/2021	%Moisture:	15.2
Data File:	QB6930.D		

Compound	Concentration	Q	RL	MDL
TPH-DRO	ND		223	178

METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-005
Client ID: SC-1
Date Collected: 03/12/21 11:10
Date Received: 03/15/21 16:25
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 10.0
Batch #: 170

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Arsenic	3.18		1	0.555	0.167	03/18/21 06:41	SW 6020B
Barium	46.6		1	0.555	0.278	03/18/21 06:41	SW 6020B
Cadmium	ND		1	0.555	0.333	03/18/21 06:41	SW 6020B
Chromium	9.47		1	0.555	0.278	03/18/21 06:41	SW 6020B
Lead	25.8		1	0.555	0.278	03/18/21 06:41	SW 6020B
Mercury	0.0137	J	1	0.0308	0.0123	03/18/21 16:33	SW 7471B
Selenium	2.12	J	1	3.89	1.67	03/18/21 06:41	SW 6020B
Silver	ND		1	0.555	0.333	03/18/21 06:41	SW 6020B

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

METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-006
Client ID: SC-2
Date Collected: 03/12/21 12:40
Date Received: 03/15/21 16:25
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 12.0
Batch #: 170

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Arsenic	2.89		1	0.582	0.174	03/18/21 07:02	SW 6020B
Barium	57.1		1	0.582	0.291	03/18/21 07:02	SW 6020B
Cadmium	ND		1	0.582	0.349	03/18/21 07:02	SW 6020B
Chromium	11.5		1	0.582	0.291	03/18/21 07:02	SW 6020B
Lead	6.52		1	0.582	0.291	03/18/21 07:02	SW 6020B
Mercury	0.0249	J	1	0.0259	0.0104	03/18/21 16:41	SW 7471B
Selenium	2.10	J	1	4.07	1.74	03/18/21 07:02	SW 6020B
Silver	ND		1	0.582	0.349	03/18/21 07:02	SW 6020B

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

METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-007
Client ID: SC-3
Date Collected: 03/12/21 14:30
Date Received: 03/15/21 16:25
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 13.6
Batch #: 170

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Arsenic	3.04		1	0.580	0.174	03/18/21 07:06	SW 6020B
Barium	56.7		1	0.580	0.290	03/18/21 07:06	SW 6020B
Cadmium	ND		1	0.580	0.348	03/18/21 07:06	SW 6020B
Chromium	13.1		1	0.580	0.290	03/18/21 07:06	SW 6020B
Lead	12.6		1	0.580	0.290	03/18/21 07:06	SW 6020B
Mercury	0.0151	J	1	0.0290	0.0116	03/18/21 16:44	SW 7471B
Selenium	1.84	J	1	4.06	1.74	03/18/21 07:06	SW 6020B
Silver	ND		1	0.580	0.348	03/18/21 07:06	SW 6020B

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

METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-008
Client ID: SC-4
Date Collected: 03/12/21 14:10
Date Received: 03/15/21 16:25
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 10.2
Batch #: 170

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Arsenic	3.08		1	0.566	0.170	03/18/21 07:12	SW 6020B
Barium	61.0		1	0.566	0.283	03/18/21 07:12	SW 6020B
Cadmium	ND		1	0.566	0.340	03/18/21 07:12	SW 6020B
Chromium	13.8		1	0.566	0.283	03/18/21 07:12	SW 6020B
Lead	28.2		1	0.566	0.283	03/18/21 07:12	SW 6020B
Mercury	0.0309		1	0.0308	0.0123	03/18/21 16:47	SW 7471B
Selenium	2.17	J	1	3.96	1.70	03/18/21 07:12	SW 6020B
Silver	ND		1	0.566	0.340	03/18/21 07:12	SW 6020B

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

METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-009
Client ID: SC-5
Date Collected: 03/12/21 14:50
Date Received: 03/15/21 16:25
Matrix-Units: Soil-mg/Kg (ppm)
% Moisture: 13.5
Batch #: 170

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
Arsenic	3.45		1	0.580	0.174	03/18/21 06:06	SW 6020B
Barium	84.2		1	0.580	0.290	03/18/21 06:06	SW 6020B
Cadmium	ND		1	0.580	0.348	03/18/21 06:06	SW 6020B
Chromium	21.9		1	0.580	0.290	03/18/21 06:06	SW 6020B
Lead	7.08		1	0.580	0.290	03/18/21 06:06	SW 6020B
Mercury	0.0285		1	0.0264	0.0106	03/18/21 16:49	SW 7471B
Selenium	3.22	J	1	4.06	1.74	03/18/21 06:06	SW 6020B
Silver	ND		1	0.580	0.348	03/18/21 06:06	SW 6020B

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

TCLP METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-005
Client ID: SC-1
Date Collected: 03/12/21 11:10
Date Received: 03/15/21 16:25
Matrix-Units: TCLP Leachate-mg/L (ppm)
% Moisture: NA
Batch #: 169

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
TCLP Arsenic	ND		1	0.100	0.0400	03/17/21 20:08	SW 1311/6020B
TCLP Barium	0.308		1	0.100	0.0500	03/17/21 20:08	SW 1311/6020B
TCLP Cadmium	ND		1	0.100	0.0700	03/17/21 20:08	SW 1311/6020B
TCLP Chromium	ND		1	0.100	0.0700	03/17/21 20:08	SW 1311/6020B
TCLP Lead	0.168		1	0.100	0.0600	03/17/21 20:08	SW 1311/6020B
TCLP Mercury	ND		1	0.0005	0.0002	03/19/21 16:20	SW 1311/7470A
TCLP Selenium	ND		1	1.00	0.300	03/17/21 20:08	SW 1311/6020B
TCLP Silver	ND		1	0.100	0.0600	03/17/21 20:08	SW 1311/6020B

ND = Analyzed for but Not Detected at the MDL

TCLP METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-006
Client ID: SC-2
Date Collected: 03/12/21 12:40
Date Received: 03/15/21 16:25
Matrix-Units: TCLP Leachate-mg/L (ppm)
% Moisture: NA
Batch #: 169

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
TCLP Arsenic	ND		1	0.100	0.0400	03/17/21 20:12	SW 1311/6020B
TCLP Barium	0.228		1	0.100	0.0500	03/17/21 20:12	SW 1311/6020B
TCLP Cadmium	ND		1	0.100	0.0700	03/17/21 20:12	SW 1311/6020B
TCLP Chromium	ND		1	0.100	0.0700	03/17/21 20:12	SW 1311/6020B
TCLP Lead	ND		1	0.100	0.0600	03/17/21 20:12	SW 1311/6020B
TCLP Mercury	ND		1	0.0005	0.0002	03/19/21 16:23	SW 1311/7470A
TCLP Selenium	ND		1	1.00	0.300	03/17/21 20:12	SW 1311/6020B
TCLP Silver	ND		1	0.100	0.0600	03/17/21 20:12	SW 1311/6020B

ND = Analyzed for but Not Detected at the MDL

TCLP METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-007
Client ID: SC-3
Date Collected: 03/12/21 14:30
Date Received: 03/15/21 16:25
Matrix-Units: TCLP Leachate-mg/L (ppm)
% Moisture: NA
Batch #: 169

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
TCLP Arsenic	ND		1	0.100	0.0400	03/17/21 20:18	SW 1311/6020B
TCLP Barium	0.225		1	0.100	0.0500	03/17/21 20:18	SW 1311/6020B
TCLP Cadmium	ND		1	0.100	0.0700	03/17/21 20:18	SW 1311/6020B
TCLP Chromium	ND		1	0.100	0.0700	03/17/21 20:18	SW 1311/6020B
TCLP Lead	ND		1	0.100	0.0600	03/17/21 20:18	SW 1311/6020B
TCLP Mercury	ND		1	0.0005	0.0002	03/19/21 16:25	SW 1311/7470A
TCLP Selenium	ND		1	1.00	0.300	03/17/21 20:18	SW 1311/6020B
TCLP Silver	ND		1	0.100	0.0600	03/17/21 20:18	SW 1311/6020B

ND = Analyzed for but Not Detected at the MDL

TCLP METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-008
Client ID: SC-4
Date Collected: 03/12/21 14:10
Date Received: 03/15/21 16:25
Matrix-Units: TCLP Leachate-mg/L (ppm)
% Moisture: NA
Batch #: 169

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
TCLP Arsenic	ND		1	0.100	0.0400	03/17/21 20:23	SW 1311/6020B
TCLP Barium	0.317		1	0.100	0.0500	03/17/21 20:23	SW 1311/6020B
TCLP Cadmium	ND		1	0.100	0.0700	03/17/21 20:23	SW 1311/6020B
TCLP Chromium	ND		1	0.100	0.0700	03/17/21 20:23	SW 1311/6020B
TCLP Lead	ND		1	0.100	0.0600	03/17/21 20:23	SW 1311/6020B
TCLP Mercury	ND		1	0.0005	0.0002	03/19/21 16:28	SW 1311/7470A
TCLP Selenium	ND		1	1.00	0.300	03/17/21 20:23	SW 1311/6020B
TCLP Silver	ND		1	0.100	0.0600	03/17/21 20:23	SW 1311/6020B

ND = Analyzed for but Not Detected at the MDL

TCLP METALS

Client/Project: FRENCH/119 OREGON ROAD

Lab ID: E21-01472-009
Client ID: SC-5
Date Collected: 03/12/21 14:50
Date Received: 03/15/21 16:25
Matrix-Units: TCLP Leachate-mg/L (ppm)
% Moisture: NA
Batch #: 169

Analyst: D. Kopcso

Compound	Result	Q	DF	RL	MDL	Date Analyzed	Method
TCLP Arsenic	ND		1	0.100	0.0400	03/17/21 19:17	SW 1311/6020B
TCLP Barium	0.184		1	0.100	0.0500	03/17/21 19:17	SW 1311/6020B
TCLP Cadmium	ND		1	0.100	0.0700	03/17/21 19:17	SW 1311/6020B
TCLP Chromium	ND		1	0.100	0.0700	03/17/21 19:17	SW 1311/6020B
TCLP Lead	ND		1	0.100	0.0600	03/17/21 19:17	SW 1311/6020B
TCLP Mercury	ND		1	0.0005	0.0002	03/19/21 16:12	SW 1311/7470A
TCLP Selenium	ND		1	1.00	0.300	03/17/21 19:17	SW 1311/6020B
TCLP Silver	ND		1	0.100	0.0600	03/17/21 19:17	SW 1311/6020B

ND = Analyzed for but Not Detected at the MDL

VOLATILE ORGANICS

Lab ID: BLKS210317-01
Client ID: BLKS210317-01
Date Received:
Date Analyzed: 03/17/2021
Data file: F4656.D 03/17/2021 11:38

GC/MS Column: DB-624
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg
% Moisture: NA
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.001	0.000388
Chloromethane	ND		0.001	0.000426
Vinyl chloride	ND		0.001	0.000424
Bromomethane	ND		0.001	0.000598
Chloroethane	ND		0.001	0.000476
Trichlorofluoromethane	ND		0.001	0.000402
1,1-Dichloroethene	ND		0.001	0.000408
Acetone	ND		0.004	0.00255
Carbon disulfide	ND		0.001	0.000253
Methylene chloride	ND		0.002	0.00194
trans-1,2-Dichloroethene	ND		0.001	0.0004
Methyl tert-butyl ether (MTBE)	ND		0.001	0.000297
1,1-Dichloroethane	ND		0.001	0.000365
cis-1,2-Dichloroethene	ND		0.001	0.000346
2-Butanone (MEK)	ND		0.002	0.000951
Bromochloromethane	ND		0.001	0.000291
Chloroform	ND		0.001	0.000563
1,1,1-Trichloroethane	ND		0.001	0.000283
Carbon tetrachloride	ND		0.001	0.000276
1,2-Dichloroethane (EDC)	ND		0.001	0.000379
Benzene	ND		0.001	0.000217
Trichloroethene	ND		0.001	0.000292
1,2-Dichloropropane	ND		0.001	0.000234
1,4-Dioxane	ND		0.200	0.036
Bromodichloromethane	ND		0.001	0.0002
cis-1,3-Dichloropropene	ND		0.001	0.000215
4-Methyl-2-pentanone (MIBK)	ND		0.004	0.000734

VOLATILE ORGANICS

Lab ID: BLKS210317-01
Client ID: BLKS210317-01
Date Received:
Date Analyzed: 03/17/2021
Data file: F4656.D 03/17/2021 11:38

GC/MS Column: DB-624
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg
% Moisture: NA
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.001	0.000229
trans-1,3-Dichloropropene	ND		0.001	0.000259
1,1,2-Trichloroethane	ND		0.001	0.000307
Tetrachloroethene	ND		0.001	0.000374
2-Hexanone	ND		0.004	0.00153
Dibromochloromethane	ND		0.001	0.000275
1,2-Dibromoethane (EDB)	ND		0.001	0.000198
Chlorobenzene	ND		0.001	0.000228
Ethylbenzene	ND		0.001	0.000276
Total Xylenes	ND		0.002	0.00107
Styrene	ND		0.002	0.000333
Bromoform	ND		0.001	0.000347
Isopropylbenzene	ND		0.002	0.00034
1,1,2,2-Tetrachloroethane	ND		0.001	0.000438
1,3-Dichlorobenzene	ND		0.001	0.000295
1,4-Dichlorobenzene	ND		0.001	0.000295
1,2-Dichlorobenzene	ND		0.001	0.000278
1,2-Dibromo-3-chloropropane	ND		0.001	0.000552
1,2,4-Trichlorobenzene	ND		0.001	0.000392
1,2,3-Trichlorobenzene	ND		0.001	0.000395
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.001	0.000442
Methyl acetate	ND		0.001	0.000307
Cyclohexane	ND		0.001	0.000455
Methylcyclohexane	ND		0.001	0.000291
1,3-Dichloropropene (cis- and trans-)	ND		0.001	0.000259

Total Target Compounds (52): 0

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: BLKS210317-01
Client ID: BLKS210317-01
Date Received:
Date Analyzed: 03/17/2021
Date File: F4656.D

GC/MS Column: DB-624
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg
Dilution Factor: 1
% Moisture: NA

CAS #	Compound	Estimated Concentration	Q	Retention Time

No peaks detected

Total TICs = 0

D --- Dilution Performed
J --- Estimated concentration for TICs
N --- Presumptive evidence of a compound from the use of GC/MS NIST library search

VOLATILE ORGANICS

Lab ID: BLKM210318-01
Client ID: BLKM210318-01
Date Received:
Date Analyzed: 03/18/2021
Data file: L3532.D 03/18/2021 10:45

GC/MS Column: DB-624
Sample wt/vol: 0.05g
Matrix-Units: Soil-mg/Kg
% Moisture: NA
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		0.050	0.049
Chloromethane	ND		0.050	0.032
Vinyl chloride	ND		0.050	0.015
Bromomethane	ND		0.100	0.036
Chloroethane	ND		0.050	0.039
Trichlorofluoromethane	ND		0.050	0.045
1,1-Dichloroethene	ND		0.050	0.041
Acetone	ND		0.200	0.195
Carbon disulfide	ND		0.050	0.022
Methylene chloride	ND		0.100	0.099
trans-1,2-Dichloroethene	ND		0.050	0.028
Methyl tert-butyl ether (MTBE)	ND		0.050	0.027
1,1-Dichloroethane	ND		0.050	0.019
cis-1,2-Dichloroethene	ND		0.050	0.016
2-Butanone (MEK)	ND		0.100	0.070
Bromochloromethane	ND		0.050	0.017
Chloroform	ND		0.050	0.016
1,1,1-Trichloroethane	ND		0.050	0.011
Carbon tetrachloride	ND		0.050	0.012
1,2-Dichloroethane (EDC)	ND		0.050	0.027
Benzene	ND		0.050	0.014
Trichloroethene	ND		0.050	0.021
1,2-Dichloropropane	ND		0.050	0.011
1,4-Dioxane	ND		20.0	3.67
Bromodichloromethane	ND		0.050	0.029
cis-1,3-Dichloropropene	ND		0.050	0.022
4-Methyl-2-pentanone (MIBK)	ND		0.100	0.080

VOLATILE ORGANICS

Lab ID: BLKM210318-01
Client ID: BLKM210318-01
Date Received:
Date Analyzed: 03/18/2021
Data file: L3532.D 03/18/2021 10:45

GC/MS Column: DB-624
Sample wt/vol: 0.05g
Matrix-Units: Soil-mg/Kg
% Moisture: NA
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.050	0.017
trans-1,3-Dichloropropene	ND		0.050	0.024
1,1,2-Trichloroethane	ND		0.050	0.023
Tetrachloroethene	ND		0.050	0.027
2-Hexanone	ND		0.100	0.098
Dibromochloromethane	ND		0.050	0.038
1,2-Dibromoethane (EDB)	ND		0.050	0.026
Chlorobenzene	ND		0.050	0.028
Ethylbenzene	ND		0.050	0.027
Total Xylenes	ND		0.100	0.088
Styrene	ND		0.050	0.043
Bromoform	ND		0.050	0.042
Isopropylbenzene	ND		0.050	0.039
1,1,2,2-Tetrachloroethane	ND		0.100	0.079
1,3-Dichlorobenzene	ND		0.050	0.030
1,4-Dichlorobenzene	ND		0.050	0.039
1,2-Dichlorobenzene	ND		0.050	0.032
1,2-Dibromo-3-chloropropane	ND		0.100	0.057
1,2,4-Trichlorobenzene	ND		0.100	0.036
1,2,3-Trichlorobenzene	ND		0.100	0.051
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.050	0.035
Methyl acetate	ND		0.050	0.049
Cyclohexane	ND		0.100	0.055
Methylcyclohexane	ND		0.100	0.050
1,3-Dichloropropene (cis- and trans-)	ND		0.050	0.024

Total Target Compounds (52): 0

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: BLKM210318-01
Client ID: BLKM210318-01
Date Received:
Date Analyzed: 03/18/2021
Data file: L3532.D 03/18/2021 10:45

GC/MS Column: DB-624
Sample wt/vol: 0.05g
Matrix-Units: Soil-mg/Kg
Dilution Factor: 1
% Moisture: NA

CAS #	Compound	Estimated Concentration	Q	Retention Time
	No peaks detected			

Total TICs = 0

VOLATILE ORGANICS

Lab ID: BLKA210319
Client ID: BLKA210319
Date Received: NA
Date Analyzed: 03/19/2021
Data file: K8370.D 03/19/2021 13:05

GC/MS Column: DB-624
Sample wt/vol: 5mL
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Dichlorodifluoromethane	ND		1.00	0.490
Chloromethane	ND		0.500	0.317
Vinyl chloride	ND		1.00	0.149
Bromomethane	ND		1.00	0.356
Chloroethane	ND		0.500	0.390
Trichlorofluoromethane	ND		0.500	0.445
1,1-Dichloroethene	ND		0.500	0.409
Acetone	ND		2.00	1.95
Carbon disulfide	ND		1.00	0.220
Methylene chloride	ND		1.00	0.990
trans-1,2-Dichloroethene	ND		0.500	0.281
Methyl tert-butyl ether (MTBE)	ND		0.500	0.265
1,1-Dichloroethane	ND		0.500	0.193
cis-1,2-Dichloroethene	ND		0.500	0.156
2-Butanone (MEK)	ND		2.00	0.701
Bromochloromethane	ND		1.00	0.174
Chloroform	ND		0.500	0.163
1,1,1-Trichloroethane	ND		0.500	0.105
Carbon tetrachloride	ND		0.500	0.119
1,2-Dichloroethane (EDC)	ND		0.500	0.271
Benzene	ND		0.500	0.144
Trichloroethene	ND		0.500	0.205
1,2-Dichloropropane	ND		0.500	0.110
1,4-Dioxane	ND		100	36.7
Bromodichloromethane	ND		0.500	0.286
cis-1,3-Dichloropropene	ND		1.00	0.222
4-Methyl-2-pentanone (MIBK)	ND		1.00	0.795

VOLATILE ORGANICS

Lab ID: BLKA210319
Client ID: BLKA210319
Date Received: NA
Date Analyzed: 03/19/2021
Data file: K8370.D 03/19/2021 13:05

GC/MS Column: DB-624
Sample wt/vol: 5mL
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Toluene	ND		0.500	0.174
trans-1,3-Dichloropropene	ND		1.00	0.241
1,1,2-Trichloroethane	ND		0.500	0.232
Tetrachloroethene	ND		0.500	0.270
2-Hexanone	ND		1.00	0.975
Dibromochloromethane	ND		0.500	0.381
1,2-Dibromoethane (EDB)	ND		0.500	0.260
Chlorobenzene	ND		0.500	0.278
Ethylbenzene	ND		0.500	0.270
Total Xylenes	ND		1.00	0.881
Styrene	ND		0.500	0.432
Bromoform	ND		0.500	0.423
Isopropylbenzene	ND		0.500	0.386
1,1,2,2-Tetrachloroethane	ND		1.00	0.791
1,3-Dichlorobenzene	ND		0.500	0.296
1,4-Dichlorobenzene	ND		0.500	0.392
1,2-Dichlorobenzene	ND		0.500	0.324
1,2-Dibromo-3-chloropropane	ND		1.00	0.572
1,2,4-Trichlorobenzene	ND		1.00	0.362
1,2,3-Trichlorobenzene	ND		1.00	0.513
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.347
Methyl acetate	ND		0.500	0.487
Cyclohexane	ND		1.00	0.548
Methylcyclohexane	ND		1.00	0.500
1,3-Dichloropropene (cis- and trans-)	ND		1.00	0.241

Total Target Compounds (52): 0

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

VOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: BLKA210319
Client ID: BLKA210319
Date Received: NA
Date Analyzed: 03/19/2021
Data file: K8370.D 03/19/2021 13:05

GC/MS Column: DB-624
Sample wt/vol: 5mL
Matrix-Units: Aqueous-µg/L
Dilution Factor: 1
% Moisture: 100

CAS #	Compound	Estimated Concentration	Q	Retention Time
	No peaks detected			

Total TICs = 0

Volatiles (8011)

Lab ID: BLKA210322-05
Client ID:
Date Received: NA
Date Extracted: 03/22/2021
Date Analyzed: 03/22/2021
Data file: P2853.D

GC Column: DB-5/DB1701P
Sample wt/vol: 35.0ml
Matrix-Units: Aqueous-µg/L
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
1,2-Dibromoethane (EDB)	ND		0.00486	0.00429
1,2-Dibromo-3-chloropropane	ND		0.00486	0.00429
1,2,3-Trichloropropane	ND		0.00971	0.00857

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

SEMIVOLATILE ORGANICS

Lab ID: BLKS210317-01
Client ID: .
Date Received: NA
Date Extracted: 03/17/2021
Date Analyzed: 03/17/2021
Data file: C7105.D 03/17/2021 16:37

GC/MS Column: DB-5
Sample wt/vol: 15.0g
Matrix-Units: Soil-mg/Kg
% Moisture: NA
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		0.033	0.027
Phenol	ND		0.033	0.033
Bis(2-chloroethyl) ether	ND		0.033	0.027
2-Chlorophenol	ND		0.033	0.027
2-Methylphenol	ND		0.033	0.020
2,2'-Oxybis(1-Chloropropane)	ND		0.033	0.032
4-Methylphenol **	ND		0.033	0.024
N-Nitrosodi-n-propylamine	ND		0.033	0.024
Acetophenone	ND		0.033	0.028
Hexachloroethane	ND		0.033	0.027
Nitrobenzene	ND		0.033	0.022
Isophorone	ND		0.033	0.025
2-Nitrophenol	ND		0.033	0.031
2,4-Dimethylphenol	ND		0.033	0.020
Bis(2-chloroethoxy) methane	ND		0.033	0.027
2,4-Dichlorophenol	ND		0.033	0.027
Naphthalene	ND		0.033	0.027
4-Chloroaniline	ND		0.033	0.023
Hexachlorobutadiene	ND		0.033	0.021
Caprolactam	ND		0.333	0.026
4-Chloro-3-methylphenol	ND		0.033	0.023
2-Methylnaphthalene	ND		0.033	0.022
Hexachlorocyclopentadiene	ND		0.033	0.029
2,4,6-Trichlorophenol	ND		0.033	0.027
2,4,5-Trichlorophenol	ND		0.033	0.029
1,1'-Biphenyl	ND		0.033	0.028
2-Chloronaphthalene	ND		0.033	0.026
2-Nitroaniline	ND		0.033	0.026
Dimethyl phthalate	ND		0.033	0.025

SEMIVOLATILE ORGANICS

Lab ID: BLKS210317-01
Client ID: .
Date Received: NA
Date Extracted: 03/17/2021
Date Analyzed: 03/17/2021
Data file: C7105.D 03/17/2021 16:37

GC/MS Column: DB-5
Sample wt/vol: 15.0g
Matrix-Units: Soil-mg/Kg
% Moisture: NA
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		0.033	0.032
Acenaphthylene	ND		0.033	0.027
3-Nitroaniline	ND		0.033	0.025
Acenaphthene	ND		0.033	0.028
2,4-Dinitrophenol	ND		0.033	0.032
4-Nitrophenol	ND		0.033	0.031
2,4-Dinitrotoluene	ND		0.033	0.030
Dibenzofuran	ND		0.033	0.025
Diethyl phthalate	ND		0.033	0.020
Fluorene	ND		0.033	0.029
4-Chlorophenyl phenyl ether	ND		0.033	0.028
4-Nitroaniline	ND		0.033	0.021
1,2,4,5-Tetrachlorobenzene	ND		0.033	0.024
2,3,4,6-Tetrachlorophenol	ND		0.033	0.029
4,6-Dinitro-2-methylphenol	ND		0.033	0.032
N-Nitrosodiphenylamine	ND		0.033	0.032
4-Bromophenyl phenyl ether	ND		0.033	0.023
Hexachlorobenzene	ND		0.033	0.024
Atrazine	ND		0.033	0.025
Pentachlorophenol	ND		0.033	0.022
Phenanthrene	ND		0.033	0.032
Anthracene	ND		0.033	0.033
Carbazole	ND		0.033	0.030
Di-n-butyl phthalate	ND		0.033	0.028
Fluoranthene	ND		0.033	0.032
Pyrene	ND		0.033	0.030
Butyl benzyl phthalate	ND		0.033	0.031
3,3'-Dichlorobenzidine	ND		0.033	0.030
Benzo[a]anthracene	ND		0.033	0.020
Chrysene	ND		0.033	0.031
Bis(2-ethylhexyl) phthalate	ND		0.033	0.030
Di-n-octyl phthalate	ND		0.033	0.031
Benzo[b]fluoranthene	ND		0.033	0.032
Benzo[k]fluoranthene	ND		0.033	0.028
Benzo[a]pyrene	ND		0.033	0.029
Indeno[1,2,3-cd]pyrene	ND		0.033	0.032
Dibenz[a,h]anthracene	ND		0.033	0.031
Benzo[g,h,i]perylene	ND		0.033	0.033
Dinitrotoluene (2,4- and 2,6-)	ND		0.033	0.032

Total Target Compounds (68): 0

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

** - represents the total of 3+4-Methylphenol
B --- Compound detected in Blank
C --- Common laboratory contamination

SEMIVOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: BLKS210317-01
Client ID: .
Date Received: NA
Date Extracted: 03/17/2021
Date Analyzed: 03/17/2021
Data file: C7105.D 03/17/2021 16:37

GC/MS Column: DB-5
Sample wt/vol: 15.0g
Matrix-Units: Soil-mg/Kg
Dilution Factor: 1
% Moisture: NA

CAS #	Compound	Estimated Concentration	Q	Retention Time

No peaks detected

Total TICs = 0

SEMIVOLATILE ORGANICS

Lab ID: BLKA210317-05
Client ID: .
Date Received: NA
Date Extracted: 03/17/2021
Date Analyzed: 03/23/2021
Data file: B7972.D 03/23/2021 18:43
SIM Data file: B7962.D 03/23/2021 16:09

GC/MS Column: DB-5
Sample wt/vol: 500ml
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
Benzaldehyde	ND		1.00	0.267
Bis(2-chloroethyl) ether	ND		1.00	0.268
2,2'-Oxybis(1-Chloropropane)	ND		1.00	0.371
N-Nitrosodi-n-propylamine	ND		1.00	0.208
Acetophenone	ND		1.00	0.243
Hexachloroethane	ND		1.00	0.214
Nitrobenzene	ND		1.00	0.428
Isophorone	ND		1.00	0.313
Bis(2-chloroethoxy) methane	ND		1.00	0.480
Naphthalene	ND		1.00	0.275
4-Chloroaniline	ND		1.00	0.299
Hexachlorobutadiene	ND		1.00	0.183
Caprolactam	ND		1.00	0.187
2-Methylnaphthalene	ND		1.00	0.210
Hexachlorocyclopentadiene	ND		1.00	0.193
1,1'-Biphenyl	ND		1.00	0.273
2-Chloronaphthalene	ND		1.00	0.249
2-Nitroaniline	ND		1.00	0.318
Dimethyl phthalate	ND		1.00	0.384

SEMIVOLATILE ORGANICS

Lab ID: BLKA210317-05
Client ID: .
Date Received: NA
Date Extracted: 03/17/2021
Date Analyzed: 03/23/2021
Data file: B7972.D 03/23/2021 18:43
SIM Data file: B7962.D 03/23/2021 16:09

GC/MS Column: DB-5
Sample wt/vol: 500ml
Matrix-Units: Aqueous-µg/L
% Moisture: 100
Dilution Factor: 1

Compound	Concentration	Q	RL	MDL
2,6-Dinitrotoluene	ND		1.00	0.153
Acenaphthylene	ND		1.00	0.160
3-Nitroaniline	ND		1.00	0.201
Acenaphthene	ND		1.00	0.296
2,4-Dinitrotoluene	ND		1.00	0.142
Dibenzofuran	ND		1.00	0.317
Diethyl phthalate	ND		1.00	0.353
Fluorene	ND		1.00	0.294
4-Chlorophenyl phenyl ether	ND		1.00	0.313
4-Nitroaniline	ND		1.00	0.245
1,2,4,5-Tetrachlorobenzene	ND		1.00	0.731
N-Nitrosodiphenylamine	ND		1.00	0.135
4-Bromophenyl phenyl ether	ND		1.00	0.293
Hexachlorobenzene *	ND		0.020	0.019
Atrazine	ND		1.00	0.288
Phenanthrene	ND		1.00	0.246
Anthracene	ND		1.00	0.265
Carbazole	ND		1.00	0.264
Di-n-butyl phthalate	ND		1.00	0.142
Fluoranthene	ND		1.00	0.314
Pyrene	ND		1.00	0.328
Butyl benzyl phthalate	ND		1.00	0.480
3,3'-Dichlorobenzidine	ND		1.00	0.402
Benzo[a]anthracene *	ND		0.100	0.098
Chrysene	ND		1.00	0.467
Bis(2-ethylhexyl) phthalate	ND		1.00	0.507
Di-n-octyl phthalate	ND		1.00	0.434
Benzo[b]fluoranthene *	ND		0.100	0.092
Benzo[k]fluoranthene *	ND		0.100	0.089
Benzo[a]pyrene *	ND		0.100	0.087
Indeno[1,2,3-cd]pyrene *	ND		0.100	0.088
Dibenz[a,h]anthracene *	ND		0.100	0.094
Benzo[g,h,i]perylene	ND		1.00	0.326
Dinitrotoluene (2,4- and 2,6-)	ND		1.00	0.153

Total Target Compounds (53): 0

* - RL & MDL from SIM run

D --- Dilution Performed
J --- Value Less than RL & greater than MDL
E --- Exceeds upper level of Calibration curve

B --- Compound detected in Blank
C --- Common laboratory contamination

SEMIVOLATILE ORGANICS
Tentatively Identified Compounds

Lab ID: BLKA210317-05
Client ID: .
Date Received: NA
Date Extracted: 03/17/2021
Date Analyzed: 03/23/2021
Data file: B7972.D 03/23/2021 18:43

GC/MS Column: DB-5
Sample wt/vol: 500ml
Matrix-Units: Aqueous-µg/L
Dilution Factor: 1
% Moisture: 100

CAS #	Compound	Estimated Concentration	Q	Retention Time

No peaks detected

Total TICs = 0

INTEGRATED ANALYTICAL LABORATORIES

TPH-DRO

Lab ID:	BLKS210316-04	GC Column:	RTX-5
Client ID:	TDRO	Sample wt/vol:	5.0g
Date Received:	NA	Matrix-Units:	Soil-mg/Kg (ppm)
Date Extracted:	03/16/2021	Dilution Factor:	1
Date Analyzed:	03/17/2021	% Moisture:	0
Data File:	QB6926.D		

Compound	Concentration	Q	RL	MDL
TPH-DRO	ND		200	160

E21-01472

METALS QUALITY CONTROL

BLANK 1 RESULTS SUMMARY

03/18/2021 03:15 AM

Batch (Page) #: 170
Associated Lab Case for Blank 1: E21-01448, E21-01454, E21-01466, E21-01468, E21-01472

Matrix: Soil Unit: ppm (mg/kg) Method: 6020B/7471B

ANALYTE	1/2 Sample RL	REAGENT BLANK BLKS210317-01
Aluminum	2.50	ND
Antimony	0.250	ND
Arsenic	0.250	ND
Barium	0.250	ND
Beryllium	0.250	ND
Cadmium	0.250	ND
Calcium	25.0	ND
Chromium	0.250	ND
Cobalt	0.250	ND
Copper	0.250	ND
Iron	25.0	ND
Lead	0.250	ND
Magnesium	25.0	ND
Manganese	0.250	ND
Mercury	0.013	ND
Nickel	0.250	ND
Potassium	25.0	ND
Selenium	1.75	ND
Silver	0.250	ND
Sodium	25.0	ND
Thallium	0.250	ND
Vanadium	0.250	ND
Zinc	2.50	ND

Associated Sample for Blank 1:
01448-001~003,008,012,015; 01454-003,007,011,015
01454-019; 01466-002,004~005; 01468-001; 01472-005
01472-006~009

E21-01472

METALS QUALITY CONTROL

BLANK 1 RESULTS SUMMARY

03/17/2021 07:12 PM

Batch (Page) #: 169
Associated Lab Case for Blank 1: E21-01472

Matrix: TCLP Unit: ppm (mg/L) Method: 1311/6020B/7470A

ANALYTE	1/2 Sample RL	REAGENT BLANK BLKT210317-01
Arsenic	0.050	ND
Barium	0.050	ND
Cadmium	0.050	ND
Chromium	0.050	ND
Lead	0.050	ND
Mercury	0.00025	ND
Selenium	0.500	ND
Silver	0.050	ND

Associated Sample for Blank 1: 01472-005~009

SAMPLE TRACKING

INTEGRATED ANALYTICAL LABORATORIES, LLC

IAL
Integrated Analytical Laboratories LLC

Integrated Analytical Labs
273 Franklin Road
Randolph, NJ 07869

Chain of Custody Record

Contact Us: 973-361-4252
Fax: 973-989-5288
Web: www.ialonline.com

Customer Information

Company: French & Parrello
Address: 43A Newburgh Rd
Hackettstown, NJ
Telephone #: 732-312-9200
Fax #:
Project Manager: N.J.
EMAIL Address:
Project Name: 119 Oregon Road
Project Location (State): NY
Bottle Order #:
☐ "Report to"/"Invoice To" same as above
Sampled by:

COMPLETED BY IAL:
____ Field Sampling ____ Equipment Rental

Reporting Information

REPORT TO:
Address:
Neil.Jiorle@frenchengineers.com
Attn:
FAX #
INVOICE TO:
Address:
Attn:
PO # 16875.002
Quote #

Sample Matrix

DW - Drinking Water
WW - Waste Water
GW - Groundwater
SW - Surface Water
LIQ - Liquid (specify)
M - Multiphasic
OI - Oil
S - Soil
SED - Sediment
SOL - Solid (specify)
SL - Sludge
W - Wipe

"Rush TAT Charge

24 hr - 100%...
48 hr - 75%....
72 hr - 50%....
96 hr - 35%....
5 day - 25%....
6-9 day - 10%

Deliverables

NJ, CT, PA
☐ Results Only (Level I)
☐ Reduced (Level II/III)
☐ Regulatory/ Full* (Level IV)

NY
☒ ASP Category A
☐ ASP Category B*

EDDs

☐ NJ SRP
☒ NYSDEC EQuIS
☐ lab approved custom EDD
☐ NO EDD REQ'D

Concentrations Expected:

Low Med High
Known Hazard:
☐ YES ☐ NO
Describe:

Turn-Around Time (TAT)

Standard (10 business days) Verbal
Rush/date needed (only if pre-approved)** 5DAY
Hard Copy: Std 3 week Other - call for price

Petroleum Hydrocarbons - Selection is REQUIRED

☐ NJ EPH-DRO - Category 1
☐ NJ EPH-C40 - Category 2
☐ NJ EPH-Fractionated - Cat 2
TAT for PHC, if other than 2 weeks:
☐ CT ETPH
☐ DRO-8015

Regulatory Requirement

New Jersey	New York
☐ GWQS	☒ AWQS (TOGS Table 1)
☐ IGW	☒ GWEL (TOGS Table 5)
☐ SRS	☒ Part 375-6.8(a) - Unrestricted
☐ Ecological	☒ Part 375-6.8(b) - Restricted
☐ DW	☐ CP-51 Table 2 or 3 (selection required)
☐ SPLP	

Other States / Criteria
☐ Pennsylvania Act 2
☐ CT RCSA 22a-133k1-k3
☐ TSCA PCBs
OTHER Regulatory Requirements - specify in comments

SAMPLE INFORMATION

ANALYTICAL PARAMETERS (please note if contingent)

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCLP Metals	TCL - VOCs	PAHs	TPHC	Total METALS	Sample Specific Notes:
SI-1	12-12.5'	3/12/21	1100	SOIL	5	1		X	X	X		
SI-2	14-14.5	3/12/21	10:05	SOIL	5	2		X	X	X		
SI-3	14-14.5	3/12/21	1225	SOIL	5	3		X	X	X		
SI-4	6.0-6.5	3/12/21	1325	SOIL	5	4		X		X		
SC-1	-	3/12/21	11:10	SOIL	1	5	X				X	
SC-2	-	3/12/21	1240	SOIL	1	6	X				X	
SC-3	-	3/12/21	1430	SOIL	1	7	X				X	
SC-4	-	3/12/21	1410	SOIL	1	8	X				X	

Samples previously analyzed by IAL? YES / NO

Preservative Code: 1 = None, 2 = HCl, 3 = HNO3, 4 = MeOH, 5 = NaOH, 6 = H2SO4, 7 = Other

Container Code: A = Amber Glass, B = Plastic, C = Vial, D = Glass, E = EnCore, T = Terracore

Preservative (use code)
Container Type (use code)

Special Instructions/QC Requirements & Comments:

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time (TAT) will not start until any ambiguities have been resolved. TAT starts the following day if samples rec'd at lab ≥ 5PM. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY IAL'S TERMS & CONDITIONS (found on rear of pink copy).

IAL Rev 1/2019

Carrier (check one):
☐ IAL Courier
☐ Client Courier
☐ FedEx/UPS***
***Tracking #:

Relinquished by (Signature and Company)	Date	Time	Received by (Signature and Company)	Date	Time
	3/15/21	4:25		3/15/21	1625

FOR LAB USE ONLY
SDG #: 1472
Cooler Temp: 5 °C

PAGE: 1 of 2

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

Certification IDs: TNI (TNI01284); CT (PH-0699); NJ (14751); NY (11402); PA (68-00773).

FINALIZED 03/29/2021

Integrated Analytical Labs
273 Franklin Road
Randolph, NJ 07869

Chain of Custody Record

Contact Us: 973-361-4252
Fax: 973-989-5288
Web: www.ialonline.com

INTEGRATED ANALYTICAL LABORATORIES, LLC

FINALIZED 03/29/2021

Customer Information

Company: FRENCH + PARRELLO
Address: 43A Newburgh Rd
Hackettstown NJ
Telephone #: 732-312-9800
Fax #:
Project Manager: Niel Jiorle
EMAIL Address:
Project Name: 119 Oregon Rd.
Project Location (State): NY
Bottle Order #:
☐ "Report to"/"Invoice To" same as above
Sampled by:

COMPLETED BY IAL:
____ Field Sampling ____ Equipment Rental

Reporting Information

REPORT TO:
Address:
Niel.Jiorle@frenginee rs.com
Attn:
FAX #
INVOICE TO:
Address:
Attn:
PO # 16875.002
Quote #

Sample Matrix

DW - Drinking Water; WW - Waste Water; GW - Groundwater; SW - Surface Water; LIQ - Liquid (specify); M - Multiphasic; OI - Oil; S - Soil; SED - Sediment; SOL - Solid (specify); SL - Sludge; W - Wipe

**Rush TAT Charge

24 hr - 100%...
48 hr - 75%....
72 hr - 50%....
96 hr - 35%....
5 day - 25%....
6-9 day - 10%

Deliverables

NJ, CT, PA	NY
☐ Results Only (Level I)	☒ ASP Category A
☒ Reduced (Level II/III)	☐ ASP Category B*
☐ Regulatory/ Full* (Level IV)	

EDDs

☐ NJ SRP
☑ NYSDEC EQuIS
☐ lab approved custom EDD
☐ NO EDD REQ'D

Concentrations Expected:

Low Med High

Known Hazard: ☐ YES ☐ NO

Describe:

Turn-Around Time (TAT)

Standard (10 business days) Verbal
Rush/date needed (only if pre-approved)** 5 DAY
Hard Copy: Std 3 week Other - call for price

Petroleum Hydrocarbons - Selection is REQUIRED

☐ NJ EPH-DRO - Category 1
☐ NJ EPH-C40 - Category 2
☐ NJ EPH-Fractionated - Cat 2
☐ CT ETPH
☐ DRO-8015

TAT for PHC, if other than 2 weeks:

Regulatory Requirement

New Jersey	New York
☒ GWQS	☐ AWQS (TOGS Table 1)
☒ IGW	☑ GWEL (TOGS Table 5)
☐ SRS	☑ Part 375-6.8(a) - Unrestricted
☐ Ecological	☑ Part 375-6.8(b) - Restricted
☐ DW	☐ CP-51 Table 2 or 3 (selection required)
☐ SPLP	

Other States / Criteria

☐ Pennsylvania Act 2
☐ CT RCSA 22a-133k1-k3
☐ TSCA PCBs

OTHER Regulatory Requirements - specify in comments

Sample Specific Notes:

ANALYTICAL PARAMETERS (please note if contingent)

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCLP metal	TCL-VOCs	BN* PAHs	TOTAL METALS
SC-5	-	3/12/21	1450	SOIL	1	9	+			X
TWP-SI-1	-	3/12/21	1545	GW	7	10		X	X	
TWP-SI-2	-	3/12/21	1545	GW	7	11		X	X	

Samples previously analyzed by IAL? YES / NO

Preservative Code: 1 = None; 2 = HCl; 3 = HNO3; 4 = MeOH; 5 = NaOH; 6 = H2SO4; 7 = Other

Container Code: A = Amber Glass; B = Plastic; C = Vial; D = Glass; E = EnCore; T = Terracore

Preservative (use code)
Container Type (use code)

Special Instructions/QC Requirements & Comments:
*PAHS ONLY

Carrier (check one):
☐ IAL Courier
☐ Client Courier
☐ FedEx/UPS***
***Tracking #:

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time (TAT) will not start until any ambiguities have been resolved. TAT starts the following day if samples rec'd at lab ≥ 5PM. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY IAL'S TERMS & CONDITIONS (found on rear of pink copy).

Relinquished by (Signature and Company)	Date	Time	Received by (Signature and Company)	Date	Time
	3/15/21	925		3/15/21	1625

FOR LAB USE ONLY
SDG #: 1472
Cooler Temp: 5 °C

PAGE: 2 of 2

IAL Rev 1/2019

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

Certification IDs: TNI (TNI01284); CT (PH-0699); NJ (14751); NY (11402); PA (68-00773).

Mar 17, 2021 @ 09:12

PROJECT INFORMATION

RUSH

E21-01472: 119 OREGON ROAD

To: Neil Jiorle
French & Parrello
Fax: 732-740-2229 cell
EMail: Neil.Jiorle@FPAengineers.com

Report To

French & Parrello
1800 Route 34
Suite 101
Wall, NJ 07719
Attn: Neil Jiorle

Bill To

French & Parrello
1800 Route 34
Suite 101
Wall, NJ 07719
Attn: FPA Remittance Group

Report Format	P.O. #	Received At Lab	PHC Due	Verbal Due	Hardcopy Due
Category A	16875.002	Mar 15, 2021 @ 16:25	Mar 22, 2021	Mar 22, 2021	Apr 05, 2021 *

* Any ***Conditional or Hold*** status will delay final hardcopy report sent date.

Diskette Req. NYSDEC

Criteria Requirement: NY Part 375-6.8(UUSCO+RUSCO)

Lab ID	Client Sample ID	Depth	Sampling Time	Matrix	Unit	Field pH/Temp
01472-001	SI-1	12/12.5	03/12/21@11:00	Soil	mg/Kg (ppm)	
01472-002	SI-2	14/14.5	03/12/21@10:05	Soil	mg/Kg (ppm)	
01472-003	SI-3	14/14.5	03/12/21@12:35	Soil	mg/Kg (ppm)	
01472-004	SI-4	6.0/6.5	03/12/21@13:25	Soil	mg/Kg (ppm)	
01472-005	SC-1	NA	03/12/21@11:10	Soil	mg/Kg (ppm)	
01472-006	SC-2	NA	03/12/21@12:40	Soil	mg/Kg (ppm)	
01472-007	SC-3	NA	03/12/21@14:30	Soil	mg/Kg (ppm)	
01472-008	SC-4	NA	03/12/21@14:10	Soil	mg/Kg (ppm)	
01472-009	SC-5	NA	03/12/21@14:50	Soil	mg/Kg (ppm)	
01472-010	TWP-SI-1	NA	03/12/21@15:15	Aqueous	ug/L (ppb)	
01472-011	TWP-SI-2	NA	03/12/21@15:45	Aqueous	ug/L (ppb)	

* No Cert = IAL does not hold certification for this test/method

Sample #	Test	Status	Analytical Method	TAT	Holding Time Expires
001	TCL VO + 15	Analyze	8260D	RUSH 1 WK	3/26/2021
	TCL/PAH	Analyze	8270E	RUSH 1 WK	3/26/2021
	TPH-DRO	Analyze	8015D	RUSH 1 WK	3/26/2021
002	TCL VO + 15	Analyze	8260D	RUSH 1 WK	3/26/2021
	TCL/PAH	Analyze	8270E	RUSH 1 WK	3/26/2021
	TPH-DRO	Analyze	8015D	RUSH 1 WK	3/26/2021
003	TCL VO + 15	Analyze	8260D	RUSH 1 WK	3/26/2021
	TCL/PAH	Analyze	8270E	RUSH 1 WK	3/26/2021
	TPH-DRO	Analyze	8015D	RUSH 1 WK	3/26/2021
004	TCL VO + 15	Analyze	8260D	RUSH 1 WK	3/26/2021
	TPH-DRO	Analyze	8015D	RUSH 1 WK	3/26/2021

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
www.ialonline.com

IAL is a NELAP accredited lab (TNI01284) and maintains certification in Connecticut (PH-0699), New Jersey (14751), New York (11402), and Pennsylvania (68-00773).

Mar 17, 2021 @ 09:12

IAL
Integrated Analytical Laboratories LLC

PROJECT INFORMATION

RUSH

E21-01472: 119 OREGON ROAD

Sample #	Test	Status	Analytical Method	TAT	Holding Time Expires
005	TCLP Metals	Analyze	1311/6020B/7470A	RUSH 1 WK	4/9/2021
	RCRA Metals	Analyze	6020B/7471B	RUSH 1 WK	4/9/2021
006	RCRA Metals	Analyze	6020B/7471B	RUSH 1 WK	4/9/2021
	TCLP Metals	Analyze	1311/6020B/7470A	RUSH 1 WK	4/9/2021
007	RCRA Metals	Analyze	6020B/7471B	RUSH 1 WK	4/9/2021
	TCLP Metals	Analyze	1311/6020B/7470A	RUSH 1 WK	4/9/2021
008	TCLP Metals	Analyze	1311/6020B/7470A	RUSH 1 WK	4/9/2021
	RCRA Metals	Analyze	6020B/7471B	RUSH 1 WK	4/9/2021
009	RCRA Metals	Analyze	6020B/7471B	RUSH 1 WK	4/9/2021
	TCLP Metals	Analyze	1311/6020B/7470A	RUSH 1 WK	4/9/2021
010	Low Level TCL VO for 8260+8011 + 15	Analyze	8260D/8011	RUSH 1 WK	3/26/2021
	TCL/PAH + SIM	Analyze	8270E SIM	RUSH 1 WK	3/19/2021
011	Low Level TCL VO for 8260+8011 + 15	Analyze	8260D/8011	RUSH 1 WK	3/26/2021
	TCL/PAH + SIM	Analyze	8270E SIM	RUSH 1 WK	3/19/2021

Project Notes:

NOTE 2 taken by kfalconer on 03/16/2021 09:26

PER BRENDAN DUFFY: TCLVO+15, TOTAL METALS = RCRA 8.

PER NEIL JIORLE, TPHC = TPH-DRO.

NOTE 3 taken by kfalconer on 03/16/2021 09:28

QC REQUIREMENTS

SAMPLES 001 - 009 - NY PART 375-6.8(UUSC+RUSCO)

SAMPLES 010 - 011 - NY TOGS Tbl1 & Tbl 5

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
www.ialonline.com

IAL is a NELAP accredited lab (TNI01284) and maintains certification in Connecticut (PH-0699), New Jersey (14751), New York (11402), and Pennsylvania (68-00773).

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 21** **01472** CLIENT: F+P

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

COC: (COMPLETE) / INCOMPLETE

Comments

KEY

✓ = YES/NA

✗ = NO

VOA received: ☐ Encore ☐ IGW - Methanol

(check one) ☒ Terra Core ☐ No Preservative

✓	Bottles Intact	
✓	no-Missing Bottles	
✓	no-Extra Bottles	
✓	Sufficient Sample Volume	
✓	no-headspace/bubbles in VOs	
✓	Labels intact/correct	
✗	pH Check[1] (refer to Receipt pH Log)	
✓	Correct bottles/preservative	
✓	Sufficient Holding/Prep Time[1]	
☐	Multiphasic Sample	
☐	Sample to be Subcontracted	
✓	**Chain of Custody is Clear**	

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL AF DATE 3/15/21

CORRECTIVE ACTION REQUIRED: **YES** ☐ (SEE BELOW) **NO** ☒

If COC is **NOT** clear, ***STOP*** until you get client to authorize/clarify work.

CLIENT NOTIFIED: YES ☐ Date/ Time: _____ NO ☐

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY: INITIAL KG DATE 3/16/21

Rev 2 2/11/2021

Laboratory Custody Chronicle

IAL Case No.
E21-01472

Client French & Parrello

Project 119 OREGON ROAD

Received On 3/15/2021@16:25

Department: Volatiles			***Prep. Date***	***Analyst***	***Analysis Date***	***Analyst***
Low Level TCL VO for 8260+8011 + 15	01472-010	Aqueous	n/a	n/a	3/19/21	Barbara
"	-011	"	n/a	n/a	3/19/21	Barbara
TCL VO + 15	-001	Soil	n/a	n/a	3/17/21	Xing
"	-002	"	n/a	n/a	3/18/21	Mei
"	-003	"	n/a	n/a	3/17/21	Xing
"	-004	"	n/a	n/a	3/17/21	Xing

Department: Semivolatiles			***Prep. Date***	***Analyst***	***Analysis Date***	***Analyst***
TCL/PAH	-001	Soil	3/17/21	Frank L.	3/17/21	Eleanor
"	-002	"	3/17/21	Frank L.	3/17/21	Eleanor
"	-003	"	3/17/21	Frank L.	3/17/21	Eleanor
TCL/PAH + SIM	-010	Aqueous	3/17/21	Frank L.	3/23/21	Eleanor
"	-011	"	3/17/21	Frank L.	3/23/21	Eleanor

Department: GC			***Prep. Date***	***Analyst***	***Analysis Date***	***Analyst***
TPH-DRO	-001	Soil	3/16/21	Archimede	3/17/21	Chad
"	-002	"	3/16/21	Archimede	3/17/21	Chad
"	-003	"	3/16/21	Archimede	3/17/21	Chad
"	-004	"	3/16/21	Archimede	3/17/21	Chad

Department: Metals			***Prep. Date***	***Analyst***	***Analysis Date***	***Analyst***
RCRA Metals	-005	Soil	3/17/21	Adrienne	3/18/21	Danielle
"	-006	"	3/17/21	Adrienne	3/18/21	Danielle
"	-007	"	3/17/21	Adrienne	3/18/21	Danielle
"	-008	"	3/17/21	Adrienne	3/18/21	Danielle
"	-009	"	3/17/21	Adrienne	3/18/21	Danielle
TCLP Metals	-005	Soil	3/17/21	Adrienne	3/17/21	Danielle
"	-006	"	3/17/21	Adrienne	3/17/21	Danielle
"	-007	"	3/17/21	Adrienne	3/17/21	Danielle
"	-008	"	3/17/21	Adrienne	3/17/21	Danielle
"	-009	"	3/17/21	Adrienne	3/17/21	Danielle

NOTE: All soil, sediment, sludge, and solid samples are reported on a dry-weight basis.

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252

LAST PAGE OF DOCUMENT

APPENDIX C

Boring Logs

SOIL BORING LOG

PROJECT NAME: 119 Oregon Road Limited Remedial Investigation
FPA PROJECT No.: 16875.003

BORING NO.: RI-1
SHEET 1 OF 6

DATE: 4/28/2021

DEPTH TO WATER (ft.): 16.0'
LOCATION: Off front sidewalk
REC: REC-2

DRILLING TECHNIQUE: Direct Push Drill Rig

DEPTH FEET	Recovery (ft.)	DESCRIPTION OF SOIL	SAMPLE DEPTH	PID
		0.0-0.5' Brown Topsoil		0 0 0 0
--- 5'---	5.0'	0.5-5.0' Tan mf SAND, some Silt.		0 0 0 0 0
---10'---	5.0'	5.0-9.0' Gray Tan Clayey SILT, little f Sand.		0 0 0 0
---15'---	5.0'	9.0-14.0' Gray Tan mf SAND, some Clayey Silt.		0 0 0
	3.5'	14.0-15.5' Gray Tan mf SAND, some+ Clayey Silt.	RI-1 (17.0-17.5')	0 (16.0') 3.1 (17.0') 45.0
---20'---		15.5-18.5' Gray mf SAND, some Clayey Silt. Refusal at 18.5'		
---25'---				
---30'---				
---35'---				
---40'---				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

SOIL BORING LOG

PROJECT NAME: 119 Oregon Road Limited Remedial Investigation
FPA PROJECT No.: 16875.003

BORING NO.: RI-2
SHEET 2 OF 6

DATE: 4/28/2021

DEPTH TO WATER (ft.): 16.0'
LOCATION: Off Eastern sidewalk
REC: REC-2

DRILLING TECHNIQUE: Direct Push Drill Rig

DEPTH FEET	Recovery (ft.)	DESCRIPTION OF SOIL	SAMPLE DEPTH	PID
				0
				0
				0
				0
--- 5'---	0.0'	0.0-4.0' No Recovery, Rock in tip.		0
				0
		4.0-6.0' Brown mf SAND, little Clayey Silt.		0
				0
				0
---10'---	5.0'	6.0-9.0' Brown SILT & CLAY, some f Sand.		0
				0
		9.0-11.0' Brown CLAY & SILT, some f Sand, trace f Gravel.		0
				0
				0
---15'---	5.0'	11.0-14.0' Brown mf SAND & CLAYEY SILT.		0
			RI-2 (15.5-16.0')	0
				0
	3.0'	14.0-17.0' Gray Tan cmf SAND, some Silt & Clay.		0
				0
---20'---				0
		Refusal at 17.0'		0
---25'---				
---30'---				
---35'---				
---40'---				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

SOIL BORING LOG

PROJECT NAME: 119 Oregon Road Limited Remedial Investigation
FPA PROJECT No.: 16875.003

BORING NO.: RI-3
SHEET 3 OF 6

DATE: 4/28/2021

DEPTH TO WATER (ft.): 18.0'
LOCATION: near 2.5' stonewall
REC: REC-2

DRILLING TECHNIQUE: Direct Push Drill Rig

DEPTH FEET	Recovery (ft.)	DESCRIPTION OF SOIL	SAMPLE DEPTH	PID
				0
				0
				0
				0
--- 5'---	0.0'	0.0-4.0' No Recovery, Gravel in tip.		0
				0
		4.0-6.0' Brown SILT, some f Sand, little f Gravel.		0
				0
				0
---10'---	5.0'	4.0-8.5' Tan cmf SAND.		0
				0
		8.5-14.0' Brown CLAY & SILT, some f Sand.		0
				0
				0
---15'---	5.0'			0
		14.0-16.0' Gray Brown CLAY & SILT, some mf Sand, little f Gravel.		0
				0
			RI-3 (17.5-18.0')	0
				0
---20'---	5.0'	16.0-20.0' Gray mf SAND, some Clayey Silt.		
		End of boring at 20.0'		
---25'---				
---30'---				
---35'---				
---40'---				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

SOIL BORING LOG

PROJECT NAME: 119 Oregon Road Limited Remedial Investigation
FPA PROJECT No.: 16875.003

BORING NO.: RI-4
SHEET 4 OF 6

DATE: 4/28/2021

DEPTH TO WATER (ft.): 13.0'
LOCATION: Parking lot area
REC: REC-2

DRILLING TECHNIQUE: Direct Push Drill Rig

DEPTH FEET	Recovery (ft.)	DESCRIPTION OF SOIL	SAMPLE DEPTH	PID
				0
		0.0-0.75 Black Asphalt		0
				0
				0
--- 5'---	5.0'			0
		0.75-6.0' Tan Brown f SAND, little f Gravel.		0
				0
				0
				0
---10'---	5.0'	6.0-10.0' Tan SILT & f SAND, little f Gravel.		0
				0
				0
		10.0-13.0' Brown Clayey SILT, some cf Sand.	RI-4 (12.5-13.0')	0
				0
---15'---	5.0'	(some mottling at 11.0')		0
				0
		13.0-15.0' Brown mf SAND, little f Gravel.		0
				0
				0
---20'---	5.0'	15.0-18.0' Gray f SAND and SILT & CLAY.		0
		18.0-20.0' Gray mf SAND, trace Silt.		
		End of boring at 20.0'		
---25'---				
---30'---				
---35'---				
---40'---				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

SOIL BORING LOG

PROJECT NAME: 119 Oregon Road Limited Remedial Investigation
FPA PROJECT No.: 16875.003

BORING NO.: RI-5
SHEET 5 OF 6

DATE: 4/28/2021

DEPTH TO WATER (ft.): 16.0'
LOCATION: North of Sidewalk
REC: REC-2

DRILLING TECHNIQUE: Direct Push Drill Rig

DEPTH FEET	Recovery (ft.)	DESCRIPTION OF SOIL	SAMPLE DEPTH	PID
		0.0-0.5' Dark Brown Topsoil.		0 0 0 0
--- 5'---	5.0'	0.0-5.0' Tan mf SAND, trace f Gravel.		0 0 0 0 0
---10'---	5.0'	5.0-9.0' Tan f SAND and SILTY CLAY, trace f Gravel.		0 0 0
		9.0-13.0' Tan SILT & CLAY, little+ f Sand.		0 0
---15'---	5.0'	13.0-15.5' Gray Tan mf SAND and SILTY CLAY, trace f Gravel.	RI-5 (15.5-16.0')	0 0 0
		15.5-17.0' Tan mf SAND, some Silt, little f Gravel.		0 0 0
---20'---	5.0'	17.0-19.0' Gray SILT & CLAY and f Sand.		0
		Refusal at 19.0'		
---25'---				
---30'---				
---35'---				
---40'---				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

SOIL BORING LOG

PROJECT NAME: 119 Oregon Road Limited Remedial Investigation
FPA PROJECT No.: 16875.003

BORING NO.: RI-7
SHEET 6 OF 6

DATE: 4/28/2021

DEPTH TO WATER (ft.): 14.0'
LOCATION: Driveway on pavers
REC: REC-2

DRILLING TECHNIQUE: Direct Push Drill Rig

DEPTH FEET	Recovery (ft.)	DESCRIPTION OF SOIL	SAMPLE DEPTH	PID
		Removed Paver Block by hand before drilling.		0
		0.0-0.5' Mason Sand.		0
				0
				0
--- 5'---	5.0'	0.5-1.0' Dense Grade Aggregate (DGA)		0
				0
		1.0-4.0' Brown f SAND, little Silt.		0
				0
				0
---10'---	5.0'			0
		4.0-10.0' Tan mf SAND, trace f Gravel.		0
				0
		10.0-13.0' Brown f SAND.		0
			RI-7 (13.5-14.0')	0
---15'---	5.0'			0
				0
		13.0-16.0' Gray Brown Clayey SILT, some f Sand.		0
				0
				0
---20'---	1.0'	Refusal at 16.0'		0
---25'---				
---30'---				
---35'---				
---40'---				

SOIL INSPECTOR: Brendan Duffy

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

APPENDIX D

Lab Data Deliverables

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, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
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, SM4500NO2-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, SM9222D.**

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, EPA 537.1.

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.

ALPHA ANALYTICAL

NEW JERSEY CHAIN OF CUSTODY

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: 04/29/21

ALPHA Job #: L2122213

Client Information
Client: FRENCH & PARRELLO ASSOC
Address: 1800 ROUTE 34, Suite 101
WALL, NJ 07719
Phone: 732-312-9800
Fax:
Email: Neil.Jiorle@fparengineers.com

Project Information
Project Name: 119 OREGON Rd. RI
Project Location: NY
Project #: 16875.002
(Use Project name as Project #)
Project Manager: Neil Jiorle
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 DAY TAT

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other NYSDEC EQuIS

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☒ Other NYSDEC*

Billing Information
☐ Same as Client Info
PO #

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	TPH-DRO SW8015A	VOC 8011	PAHs	Total Bottle	Sample Specific Comments
22213-01	RI-1	4-28-21	1215	S	BO	x	x	x		* Regulatory Requirements: AWQS TOGS Table 1 GWEL TOGS Table 5 PART 375-6.8(a) PART 375-6.8(b)
-02	RI-2	4-28-21	1120	S	BO	x	x	x		
-03	RI-3	4-28-21	1040	S	BO	x	x	x		
-04	RI-4	4-28-21	0920	S	BO	x	x	x		
-05	RI-5	4-28-21	1010	S	BO	x	x	x		
-06	RI-7	4-28-21	1300	S	BO	x	x	x		
-07	TWP-RI-1	4-29-21	0825	GW	BO		x	x		
-08	TWP-RI-2	4-29-21	0930	GW	BO		x	x		
-09	TWP-RI-3	4-29-21	0900	GW	BO		x	x		
-10	TWP-RI-4	4-28-21	1315	GW	BO		x	x		

Container Type
Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
Brendan Duffy BLDuffy	4-29-21 1600	[illegible]	4.29.21 1600
[illegible]	4.29.21 1735	Paul Mazzella	4/29/21 1735
Paul Mazzella	4/29/21 2150	[illegible]	4/29/21 2150

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: 04/29/21

ALPHA Job #: L2122213

Client Information

Client: FRENCH & PARRELLO ASSC.
Address: 1800 ROUTE 34, SUITE 101
WALL, NJ 07719
Phone: 732-312-9800
Fax:
Email: Neil.Jiorle@fpengineers.com

Project Information

Project Name: 119 OREGON Rd. RI
Project Location: NY
Project #: 16875.002
(Use Project name as Project #) ☐
Project Manager: Neil Jiorle
ALPHAQuote #:

Turn-Around Time

Standard ☐
Rush (only if pre approved) ☐
Due Date:
# of Days: 5 DAY TAT

Deliverables

☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other NYSDEC EQuIS

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☒ Other NJSDEC*

Billing Information

☐ Same as Client Info
PO #

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

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	VOC 8011	PAHs	Sample Specific Comments
22213 -11	TWP-RI-5	4-28-21	1440	GW	BD	x	x	* SEE PAGE 1
-12	TWP-RI-7	4-28-21	1345	GW	BD	x	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
Brendan Duffy BD	4-29-21 1600	[illegible]	4.29.21 1600
[illegible]	4.29.21 17:35	Paul Mazzella	4/29/21 1735
Paul Mazzella	4/29/21 2150	[illegible]	4/29/21 2150

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)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA127\2021\210505N\
Data File : V27210505N16.D
Acq On : 06 May 2021 12:47 am
Operator : VOA127:MV
Sample : L2122213-01,31,6.71,5,,B,PRI
Misc : WG1495072,ICAL17840
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 06 05:25:25 2021
Quant Method : I:\VOLATILES\VOA127\2021\210505N\V127_210414N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Apr 15 12:29:24 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox10505N\V27210505N01.D•

