LIMITED PHASE II

ENVIRONMENTAL SITE ASSESSMENT

Lawton Street Property

New Rochelle, New York

NPV No.17102

Prepared for:
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April 15, 2022

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NPV

Limited Phase II

Environmental Site Assessment

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Lawton Street Property

1.0 INTRODUCTION AND PURPOSE

Nelson, Pope & Voorhis, LLC (NPV) has been contracted to prepare a Limited Phase II Environmental Site Assessment (ESA) for the subject property. This report is intended to assess the subsurface soil and groundwater quality at the above referenced site in order to provide the information necessary to apply for admission into the New York State Brownfields program.

The subject property consists of a public parking lot located in the City of New Rochelle, County of Westchester, New York. The approximately 1.0 acre property is located immediately northeast of Lawton Avenue and approximately 120 feet southwest of North Avenue, between Huguenot Street and Main Street. The subject property may be more particularly described as Tax Lot #'s 1-229-0023 & 0056.

The laboratory analysis was provided by Long Island Analytical Laboratories, Inc. The protocols and procedures used to direct this investigation were based upon the following documents: 1) New York State Department of Environmental Conservation (NYSDEC) 6NYCRR Part 375 Environmental Remediation Programs Subparts 375-1 to 375-4 & 375-6, and 2) NYSDEC Division of Water TOGS 1.1.1. 3) NYSDEC DER-10/Technical Guidance for Site Investigation and Remediation. The following sections detail the subject property and surrounding area characteristics, sampling program, quality assurance protocol, laboratory analysis methodology and laboratory results.

2.0 SAMPLING AND ANALYSIS PROGRAM (SAP)

2.1 TEMPORARY MONITORING WELL INSTALLATION

One (1) upgradient and one (1) downgradient temporary monitoring wells were proposed to be installed as part of the investigation. However, since groundwater was not encountered and boring refusal occurred at the upgradient location only the down gradient temporary monitoring well was installed.

A truck mounted direct push drill rig was utilized to install the one (1), one-inch diameter PVC groundwater temporary monitoring well on the subject property. The borehole for the one-inch diameter temporary monitoring well was advanced utilizing a 2-inch diameter steel core barrel to a depth of sixteen (16) feet below ground surface (bgs) and extended approximately five (5) feet below the surface of the underlying water table (encountered at ~ 11 feet bgs). Once the desired depth was achieved, the well material consisting of ten (10) feet of #20 slot PVC well screen and an appropriate length of PVC riser was placed inside the probe rods which were then retracted to expose the temporary well to groundwater and allow the formation to collapse around the well. The remaining annular space of the borehole was allowed to remain open since the temporary well was removed following sampling. The location of the temporary well installed is provided on **Figure 1**.

2.2 GROUNDWATER SAMPLING

Following installation, the well was developed with a disposable bailer to ensure that a representative sample could be collected. Following this development phase, the well was sampled using the same bailer.

2.3 POWER PROBE SOIL PROBES

Seven (7) soil probes were installed using a Power Probe sampling apparatus Model 9580-D. Originally, eight (8) soil probes were scheduled but due to shallow refusal at boring B-6 this location was eliminated from the sampling program. Samples from each boring location were collected at four (4) foot intervals down to depths ranging from eight (8) to twenty (20) feet below ground surface. Borings B-1, B-4, B-5, B-7 and B-8 were advanced to a depth of sixteen (16) feet bgs and terminated due to the water table being encountered. Borings B-2 (20 feet bgs), B-3 (8 feet bgs) and B-6 (0.5 feet bgs) were only advance to their respective depths due to refusal. A headspace analysis sample was taken from the soil samples collected from each soil boring and the two (2) samples with the highest headspace reading were sent to a laboratory for analysis. In the event no significant headspace readings were recorded then samples were selected to provide a representative depth profile from across the site. **Figure 1** provides a map identifying the location of the above referenced soil probes.

2.3.1 Soil Probe Installation

The soil probe was installed using a Power Probe hydraulically powered drill rig. Mechanized, vehicle mounted soil probe systems apply both static force and hydraulically powered percussion hammers for tool placement. Recovery of large sample volumes was facilitated with a probe-driven sampler. The probe-driven sampler consisted of a dual tube sampling system that has an outer tube that remains in the ground while the inner tube is removed along with the non-reactive plastic tube in which the soil sample has been collected. This dual tube sampling system ensures that the soil sample collected is from the selected sampling depth as the probe was advanced. Discrete samples were secured at the desired depths and were contained within a non-reactive plastic sleeve that lined the hollow probe for subsequent inspection and analysis.

2.4 HEADSPACE ANALYSIS

Headspace analysis was performed on the soil samples acquired from each of the soil probe nodes to provide precursory data regarding hydrocarbon contamination. Results of the analysis were used to adjust the sampling and analysis program to yield the most accurate and representative results. Results of the headspace analysis are summarized in **Table 1**.

Table 1
PID Results

Boring Location	PID Results (ppm)				
	0-4 ft	4-8 ft	8-12 ft	12-16 ft	16-20 ft
B-1	0.0	0.0	0.0	0.0	--
B-2	0.0	0.0	0.0	0.0	0.0
B-3	0.0	0.0	--	--	--
B-4	0.0	0.0	0.0	0.0	--
B-5	0.0	0.0	0.0	0.0	--
B-6	0.0	0.0	0.0	0.0	--
B-7	0.0	462	391	105	--
B-8	0.0	0.0	0.0	0.0	--

Notes: ppm – parts per million
Dashed line indicates no sample collected.

2.4.1 Headspace Analysis Procedure

Headspace analysis was performed utilizing a portable Photo Ionization Detection (PID) meter to measure what, if any, hydrocarbon concentrations were present in isolated portions of the secured samples. Headspace analysis was conducted by partially filling a

sealable plastic bag with sample aliquot and sealing the top, thereby creating a void. This void is referred to as the sample headspace.

To facilitate the detection of any hydrocarbons contained within the sample headspace, the container was agitated for a period of thirty (30) seconds. The probe of the vapor analyzer was then injected into the headspace to measure the hydrocarbon concentrations present. A Mini Rae Model 2000 Photo Ionization Detection meter was the organic vapor analyzer selected for the headspace analysis. A PID utilizes the principle of photo ionization for detection and measurement of hydrocarbon compounds. A PID does not respond to all compounds similarly; rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to isobutylene. Hydrocarbon relative response factors for a PID calibrated to isobutylene are published by the manufacturer.

2.5 LABORATORY SAMPLE LOCATION AND FREQUENCY

The soil samples collected from the site were containerized and labeled for identification purposes. The labels were coded to correspond to the location from which the samples were secured. **Table 1** provides an index of how the samples were coded during labeling.

TABLE 2
SAMPLE IDENTIFICATION

SAMPLE LOCATION	SAMPLE ID CODE
Downgradient groundwater sample collected in the southern end of the site.	MW-S
Refer to **Figure 1** for soil sample location. Sample depths provided in parentheses.	B-1 (0-4) (16-20)
Refer to **Figure 1** for soil sample location. Sample depths provided in parentheses.	B-2 (0-4) (8-12)
Refer to **Figure 1** for soil sample location. Sample depths provided in parentheses.	B-3 (0-4) (4-8)
Refer to **Figure 1** for soil sample location. Sample depths provided in parentheses.	B-4 ((0-4) (12-16)
Refer to **Figure 1** for soil sample location. Sample depths provided in parentheses.	B-5 (0-4) (14-16)
Refer to **Figure 1** for soil sample location. Sample depths provided in parentheses.	B-7 (6-8) (10-12)
Refer to **Figure 1** for soil sample location. Sample depths provided in parentheses.	B-8 (4-6) (10-12)

3.0 LABORATORY ANALYSIS

3.1 ANALYTICAL TEST METHODS AND RESULTS REGULATORY COMPARISON

The groundwater and soil samples were transported to a New York State Certified Commercial Laboratory for analysis. All of the samples collected were analyzed for volatile organic and semi-volatile organic compounds as well as metals, pesticides and PCBs based on NYSDEC Part 375 parameters.

Groundwater sample analytical results were compared the Class GA standards established in the NYSDEC TOGS 1.1.1. Soil sample results were compared with the soil cleanup objectives established for unrestricted use, restricted-residential use and for the protection of groundwater in NYSDEC 6 NYCRR Part 375.

3.2 ANALYTICAL RESULTS

Groundwater Sample Results

A review of the groundwater sample results revealed that no semi-volatile organic compounds, pesticides or PCBs were detected. The only volatile organic compound detected was acetone and was found to be below its NYSDEC TOGS 1.1.1 standard for Class GA groundwaters. In addition, only two (2) metals (barium and magnesium) were detected in the groundwater sample collected but only the detection of manganese was found to exceed its NYSDEC TOGS 1.1.1 standard for Class GA groundwaters. A summary of the analytical results for the constituents detected is provided in **Table 3**.

TABLE 3
GROUNDWATER ANALYTICAL RESULTS

Constituents	MW-S	TOGS 1.1.1
Volatiles	**ug/kg**	**ug/kg**
Acetone	11.3	50
Semi-Volatiles	**None Detected**	
Pesticides	**None Detected**	
PCBs	**None Detected**	
Metals	**mg/kg**	**mg/kg**
Barium	0.13	1
Manganese	**3.06**	0.30

Notes: ug/kg - micrograms per kilogram
mg/kg - milligram per kilogram
Bold and Shaded - Exceedance of TOGS 1.1.1 Class GA groundwater standard.

Soil Boring Program Sampling

A review of the soil sample results revealed that no pesticides or PCBs were detected in any of the soil samples collected.

Volatile organic compounds were only detected in the 4-8 foot interval sample collected from B-3 and the 0-4 foot interval sample collected from soil boring B-4. Of these detections only the concentration of acetone in the sample from B-4 was found to exceed an established Part 375 soil cleanup objective which was used for comparison. Specifically, acetone in this sample only exceeded it soil cleanup objectives for unrestricted use and the protection of groundwater.

Semi-volatile organic compounds were only detected in four (4) of the soil samples collected. Specifically, the samples collected from the 0-4 and 4-8 foot intervals in B-3, the 0-4 foot interval in B-4 and the 0-4 foot interval in B-5. None of the detections in the samples collected from B-3 (4-8 foot interval), B-4 and B-5 were found to exceed the Part 375 soil cleanup objectives used for comparison. Six (6) semi-volatile organic compounds were found to exceed their respective Part 375 soil cleanup objectives for unrestricted use in the 0-4 foot interval sample collected from B-3. Of these six (6) compounds, four (4) were also found to exceed their respective Part 375 soil cleanup objectives for restricted-residential use and three (3) were found to exceed their respective soil cleanup objectives for the protection of groundwater.

Several metals were detected in all of the soil samples collected. Only the detections in six (6) of the samples collected [B-1 (16-20), B-2 (0-4), B-3 (0-4) B-4 (0-4 & 12-16), B-5 (0-4)] were found to exceed their respective Part 375 soil cleanup objectives used for comparison. Specifically, all of the exceeding compounds were found to surpass their respective Part 375 soil cleanup objectives for unrestricted use. The concentrations of lead in samples B-2 (0-4), B-3 (0-4), B-4 (0-4) and B-5 (0-4) as well as the concentration of mercury in B-5 (0-4) were found to exceed its Part 375 soil cleanup objective for the protection of groundwater. In addition, the concentration of mercury in B-5 (0-4) was also found to exceed its Part 375 soil cleanup objective for restricted-residential use.

A summary of the results for soil sample collected from the subject property is provided in **Table 4**.

TABLE 4
SOIL BORING PROGRAM SAMPLE ANALYTICAL RESULTS FOR 0-2 FOOT INTERVAL

Constituents	B-1 (0-4)	B-1 (16-20)	B-2 (0-4)	B-2 (8-12)	B-3 (0-4)	B-3 (4-8)	B-4 (0-4)	B-4 (12-16)	B-5 (0-4)	B-5 (14-16)	B-7 (6-8)	B-7 (10-12)	B-8 (4-6)	B-8 (10-12)	Part 375 Unrestricted Use	Part 375 Restricted Residential	Part 375 Protection of Groundwater
Volatiles	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
Acetone	ND	ND	ND	ND	ND	25.2	*66*	ND	ND	ND	ND	ND	ND	ND	*50*	**100,000**	50
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	ND	12.3	ND	ND	ND	ND	ND	ND	ND	*120*	**100,000**	120
Semi-Volatiles	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
Acenaphtylene	ND	ND	ND	ND	207	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*	**100,000**	107,000
Anthracene	ND	ND	ND	ND	617	ND	ND	ND	ND	ND	ND	ND	ND	ND	*100,000*	**100,000**	1,000,000
Benzo(a)anthracene	ND	ND	ND	ND	***2,480***	223	791	ND	830	ND	ND	ND	ND	ND	*1,000*	**1,000**	1,000
Benzo(a)pyrene	ND	ND	ND	ND	***2,010***	189	656	ND	729	ND	ND	ND	ND	ND	*1,000*	**1,000**	22,000
Benzo(b)fluoranthene	ND	ND	ND	ND	**2,050**	ND	736	ND	774	ND	ND	ND	ND	ND	*1,000*	**1,000**	1,700
Benzo(g,h,i)perylene	ND	ND	ND	ND	1,120	ND	326	ND	369	ND	ND	ND	ND	ND	*100,000*	**100,000**	1,000,000
Benzo(k)fluoranthene	ND	ND	ND	ND	*1,560*	ND	534	ND	525	ND	ND	ND	ND	ND	*800*	**3,900**	1,700
Chrysene	ND	ND	ND	ND	*2,220*	227	784	ND	737	ND	ND	ND	ND	ND	*1,000*	**3,900**	1,000
Flouranthene	ND	ND	ND	ND	4,150	396	1,450	ND	1,330	ND	ND	ND	ND	ND	*100,000*	**100,000**	1,000,000
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	***1,620***	ND	457	ND	485	ND	ND	ND	ND	ND	*500*	**500**	8,200
Phenanthrene	ND	ND	ND	ND	2,230	ND	871	ND	622	ND	ND	ND	ND	ND	*100,000*	**100,000**	1,000,000
Pyrene	ND	ND	ND	ND	3,550	368	1,240	ND	1,160	ND	ND	ND	ND	ND	*100,000*	**100,000**	1,000,000
Pesticides	**None Detected**																
PCBs	**None Detected**																
Metals	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Arsenic	ND	ND	2.03	ND	3.1	1.94	2.16	ND	ND	ND	ND	ND	ND	ND	*13*	**16**	16
Barium	65.5	234	71.7	55.2	124	23.5	94.4	303	86	70.8	56.2	27.5	51.6	58.4	*350*	**400**	820
Trivalent Chromium	20.8	*47.4*	18.6	12.2	13.1	5.36	9.35	*50.7*	15.1	21	13.7	8.44	17.4	15.6	*30*	**180**	NS
Copper	12.8	*59.7*	19.6	10	26.1	48	*65.7*	9.51	29.5	14.7	14.4	7.5	18.6	12	*50*	**270**	1,720
Lead	12.3	2	*115*	2.03	*250*	28	*110*	ND	*212*	2.39	2.75	1.74	3.64	1.8	*63*	**400**	40
Manganese	252	505	201	225	172	117	189	441	266	263	371	311	402	133	*1,600*	**2,000**	2,000
Mercury	0.08	ND	*0.47*	ND	0.05	0.9	0.13	ND	***0.85***	ND	ND	ND	ND	ND	*0.18*	**0.81**	0.73
Nickel	12.7	*38.4*	14.7	9.15	10.4	5.89	10.5	*55.6*	11	17.9	13.9	7.73	11.4	12.1	*30*	**310**	130
Zinc	26.6	81.7	46.2	17.7	*137*	31.3	*112*	*125*	*115*	23.6	22.4	10.3	17.4	17.4	*109*	**10,000**	2,480

Notes: Only those compounds detected are summarized in table.
ug/kg - micrograms per kilogram; mg/kg - milligrams per kilogram: ND - Non-Detect; NS - No Standard
Shaded - Indicates exceedance of a Part 375 Soil Cleanup Objective
Italic - Indicates exceedance of Part 375 Unrestricted Soil Cleanup Objectives
Bold - Indicates exceedance of Part 375 Restricted Residential Soil Cleanup Objective
Underlined - Indicates exceedance of Part 375 Protection of Groundwater Soil Cleanup Objective

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4.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES (QA/QC)

This sampling protocol was conducted in accordance with USEPA accepted sampling procedures for hazardous waste streams (Municipal Research Laboratory, 1980, Sampling and Sampling Procedures for Hazardous Material Waste Streams, USEPA, Cincinnati, Ohio EPA- 600\280-018) and ASTM Material Sampling Procedures. All samples were collected by or under the auspices of USEPA trained personnel having completed the course Sampling of Hazardous Materials, offered by the Office of Emergency and Remedial Response.

Separate QA/QC measures were implemented for each of the instruments used in the Sampling and Analysis Program. Sampling instruments included a Power Probe Drill Rig, polypropylene sleeves, disposable bailer and tubing and laboratory supplied sample vessels.

Prior to arrival on the site and between sample locations, the probes sections were decontaminated by washing with a detergent (alconox/liquinox) and potable water solution with distilled water rinse. The organic vapor analyzer was calibrated prior to sampling using a span gas of known concentration. All sample vessels were "level A" certified decontaminated containers. Samples were placed into vessels consistent with the analytical parameters. After acquisition, samples were preserved in the field. All containerized samples were refrigerated to 4^{o} C during transport.

A sample represents physical evidence; therefore, an essential part of liability reduction is the proper control of gathered evidence. To establish proper control, the following sample identification and chain-of-custody procedures were followed.

Sample Identification

Sample identification was executed by use of a sample tag, logbook and manifest. Documentation provides the following:

1. Project Code
2. Sample Laboratory Number
3. Sample Preservation
4. Instrument Used for Source Soil Grabs
5. Composite Medium Used for Source Soil Grabs
6. Date Sample was Secured from Source Soil
7. Time Sample was Secured from Source Soil
8. Person Who Secured Sample from Source Soil

Chain-of-Custody Procedures

Due to the evidential nature of samples, possession was traceable from the time the samples were collected until they were received by the testing laboratory. A sample was considered under custody if:

It was in a person's possession, or
It was in a person's view, after being in possession, or
It was in a person's possession and they were to lock it up, or
It is in a designated secure area.

When transferring custody, the individuals relinquishing and receiving signed, dated and noted the time on the Chain-of- Custody Form.

Laboratory Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the information on the sample tags matched that on the Chain-of-Custody records. Pertinent information as to shipment, pick-up, courier, etc. was entered in the "remarks" section. The custodian then entered the sample tag data into a bound logbook which was arranged by project code and station number.

The laboratory custodian used the sample tag number or assigned an unique laboratory number to each sample tag and assured that all samples were transferred to the proper analyst or stored in the appropriate source area.

The custodian distributed samples to the appropriate analysts. Laboratory personnel were responsible for the care and custody of samples from the time they were received until the sample was exhausted or returned to the custodian.

All identifying data sheets and laboratory records were retained as part of the permanent site record. Samples received by the laboratory were retained until after analysis and quality assurance checks were completed.

5.0 SUMMARY AND CONCLUSION

This investigation was completed to assess the subsurface soil and groundwater quality at the above referenced site in order to provide the information necessary to apply for admission into the New York State Brownfields program. A sampling and analysis program was designed to determine if the on-site soils and groundwater had been impacted. The sampling and analysis plan consisted of soil and soil vapor quality testing using analytical test methods consistent with expected parameters and agency soil cleanup objectives. The following presents an evaluation of the results of this investigation.

1. A review of the groundwater sample results revealed that no semi-volatile organic compounds, pesticides or PCBs were detected. The only volatile organic compound detected was acetone which was found to be below its NYSDEC TOGS 1.1.1 standard for Class GA groundwaters. In addition, only two (2) metals (barium and magnesium) were detected in the groundwater sample collected but only the detection of manganese was found to exceed its NYSDEC TOGS 1.1.1 standard for Class GA groundwaters.

2. A review of the soil sample results revealed that no pesticides or PCBs were detected in any of the soil samples collected.

   Volatile organic compounds were only detected in the 4-8 foot interval sample collected from B-3 and the 0-4 foot interval sample collected from soil boring B-4. Of these detections only the concentration of acetone in the sample from B-4 was found to exceed an established Part 375 soil cleanup objective which was used for comparison. Specifically, acetone in this sample only exceeded it soil cleanup objectives for unrestricted use and the protection of groundwater.

   Semi-volatile organic compounds were only detected in four (4) of the soil samples collected. Specifically, semi-volatile organic compounds were detected in the sampled collected from the 0-4 and 4-8 foot intervals in B-3, the 0-4 foot interval in B-4 and the 0-4 foot interval in B-5. None of the detections in the samples collected from B-3 (4-8 foot interval), B-4 and B-5 were found to exceed the Part 375 soil cleanup objectives used for comparison. Six (6) semi-volatile organic compounds were found to exceed their respective Part 375 soil cleanup objectives for unrestricted use in the 0-4 foot interval sample collected from B-3. Of these six (6) compounds, four (4) were also found to exceed their respective Part 375 soil cleanup objectives for restricted-residential use and three (3) were found to exceed their respective soil cleanup objectives for the protection of groundwater.

   Several metals were detected in all of the soil samples collected. Only the detections in six (6) of the samples collected [B-1 (16-20), B-2 (0-4), B-3 (0-4) B-4 (0-4 & 12-16), B-5 (0-4)] were found to exceed their respective Part 375 soil cleanup objectives. Specifically,

all of the exceeding compounds were found to surpass their respective Part 375 soil cleanup objectives for unrestricted use. The concentrations of lead in samples B-2 (0-4), B-3 (0-4), B-4 (0-4) and B-5 (0-4) as well as the concentration of mercury in B-5 (0-4) were found to exceed its Part 375 soil cleanup objective for the protection of groundwater. In addition, the concentration of mercury in B-5 (0-4) was also found to exceed its Part 375 soil cleanup objective for restricted-residential use.

Based on the elevated concentrations of several of the analyzed constituents, the subject property will qualify for the New York State Department of Environmental Conservation (NYSDEC) Brownfield Program.

The subject property has been evaluated accordance with standard practice for the industry. This Limited Phase II ESA addresses only the specific areas of the site warranting analysis and can only provide conclusions regarding the subsurface soil and groundwater quality in those specific areas tested. The Limited Phase II ESA report is limited to the evaluation of on-site conditions at the time of completion of the field sampling program.

_____ _____

Date of Completion

Steven J. McGinn, CEI
Partner/Division Manager

6.0 REFERENCES

American Society for Testing and Materials (ASTM), June 2011, E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, West Conshohocken, Pennsylvania.

New York State Department of Environmental Conservation (NYSDEC), May 3, 2010, DER-10 Technical Guidance for Site Investigation and Remediation, NYSDEC, Albany, New York.

New York State Department of Environmental Conservation (NYSDEC), 1992, Sampling Guidelines and Protocols, Technology Background and Quality Control/Quality Assurance for NYSDEC Spill Response Program, NYSDEC, Albany, New York.

New York State Department of Environmental Conservation (NYSDEC), December 2006, 6NYCRR Part 375 Environmental Remediation Programs Subparts 375-1 to 375-4 & 375-6, Division of Environmental Remediation, Albany, New York

New York State Department of Environmental Conservation (NYSDEC), June, 1998, Division of Water TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, NYSDEC, Albany, New York.

FIGURES

NPV

FIGURE 1
SAMPLE LOCATION MAP

Source: NYS Orthophotography, 2021
Scale: 1 inch = 50 feet

Lawton Street Parcels
New Rochelle

Limited Phase II ESA

APPENDICES

APPENDIX A
LABORATORY DATA SHEETS

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 2040812

April 14, 2022

Nelson, Pope & Voorhis
Steve McGinn
70 Maxess Road
Melville, NY 11747

Re: Lawton Street Property, News Rochelle

Dear Steve McGinn,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on April 08, 2022. Long Island Analytical laboratories analyzed the samples on April 14, 2022 for the following:

SAMPLE ID	ANALYSIS
MW-5	NYC Part 375 Package

2.C Sample container received with head-space.

2.A Sample received in incorrect container.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael D. Veraldi
Laboratory Technical Director

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, News Rochelle
Date (Time) Collected: 04/07/2022 09:17	Sample ID: MW-5
Date (Time) Received: 04/08/2022 11:00	Laboratory ID: 2040812-01
Matrix: Non-Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.00	<5.00	ug/L	2.A, 2.C
1,1-Dichloroethane	75-34-3	5.00	<5.00	ug/L	2.A, 2.C
1,1-Dichloroethene	75-35-4	5.00	<5.00	ug/L	2.A, 2.C
1,2,4-Trimethylbenzene	95-63-6	5.00	<5.00	ug/L	2.A, 2.C
1,2-Dichlorobenzene	95-50-1	5.00	<5.00	ug/L	2.A, 2.C
1,2-Dichloroethane	107-06-2	5.00	<5.00	ug/L	2.A, 2.C
1,3,5-Trimethylbenzene	108-67-8	5.00	<5.00	ug/L	2.A, 2.C
1,3-Dichlorobenzene	541-73-1	5.00	<5.00	ug/L	2.A, 2.C
1,4-Dichlorobenzene	106-46-7	5.00	<5.00	ug/L	2.A, 2.C
1,4-Dioxane	123-91-1	100	<100	ug/L	2.A, 2.C, 4.J
Acetone	67-64-1	10.0	11.3	ug/L	2.A, 2.C
Benzene	71-43-2	0.700	<0.700	ug/L	2.A, 2.C
Carbon Tetrachloride	56-23-5	5.00	<5.00	ug/L	2.A, 2.C
Chlorobenzene	108-90-7	5.00	<5.00	ug/L	2.A, 2.C
Chloroform	67-66-3	5.00	<5.00	ug/L	2.A, 2.C
cis-1,2-Dichloroethene	156-59-2	5.00	<5.00	ug/L	2.A, 2.C
Ethylbenzene	100-41-4	5.00	<5.00	ug/L	2.A, 2.C
m,p-Xylenes	108-38-3/106-42-3	10.0	<10.0	ug/L	2.A, 2.C
Methyl Acetate	79-20-9	5.00	<5.00	ug/L	2.A, 2.C
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.0	<10.0	ug/L	2.A, 2.C
Methylene Chloride	75-09-2	5.00	<5.00	ug/L	2.A, 2.C
Methyl-tert-Butyl Ether	1634-04-4	5.00	<5.00	ug/L	2.A, 2.C
n-Butylbenzene	104-51-8	5.00	<5.00	ug/L	2.A, 2.C
n-Propylbenzene	103-65-1	5.00	<5.00	ug/L	2.A, 2.C
o-Xylene	95-47-6	5.00	<5.00	ug/L	2.A, 2.C
sec-Butylbenzene	135-98-8	5.00	<5.00	ug/L	2.A, 2.C
tert-Butyl alcohol	75-65-0	5.00	<5.00	ug/L	2.A, 2.C
tert-Butylbenzene	98-06-6	5.00	<5.00	ug/L	2.A, 2.C
Tetrachloroethene	127-18-4	5.00	<5.00	ug/L	2.A, 2.C
Toluene	108-88-3	5.00	<5.00	ug/L	2.A, 2.C

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, News Rochelle
Date (Time) Collected: 04/07/2022 09:17	Sample ID: MW-5
Date (Time) Received: 04/08/2022 11:00	Laboratory ID: 2040812-01
Matrix: Non-Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
trans-1,2-Dichloroethene	156-60-5	5.00	<5.00	ug/L	2.A, 2.C
Trichloroethene	79-01-6	5.00	<5.00	ug/L	2.A, 2.C, 4.N
Vinyl chloride	75-01-4	5.00	<5.00	ug/L	2.A, 2.C

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	113	90.7-121	2.A, 2.C
4-Bromofluorobenzene	460-00-4	98	89.4-122	2.A, 2.C
Dibromofluoromethane	1868-53-7	118	74.4-131	2.A, 2.C
Toluene-d8	2037-26-5	109	92.7-114	2.A, 2.C

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	76	50-200	2.A, 2.C
1,4-Difluorobenzene	540-36-3	97	50-200	2.A, 2.C
Chlorobenzene-d5	3114-55-4	91	50-200	2.A, 2.C
Pentafluorobenzene	363-72-4	93	50-200	2.A, 2.C

Date Prepared: 04/11/2022

Preparation Method: EPA 5030 C

Date Analyzed: 04/11/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, News Rochelle
Date (Time) Collected: 04/07/2022 09:17	Sample ID: MW-5
Date (Time) Received: 04/08/2022 11:00	Laboratory ID: 2040812-01
Matrix: Non-Potable Water	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	5.00	<5.00	ug/L	
3/4-Methylphenol	108-39-4/106-44-5	5.00	<5.00	ug/L	
Acenaphthene	83-32-9	5.00	<5.00	ug/L	
Acenaphthylene	208-96-8	5.00	<5.00	ug/L	
Anthracene	120-12-7	5.00	<5.00	ug/L	
Benzo(a)anthracene	56-55-3	5.00	<5.00	ug/L	
Benzo(a)pyrene	50-32-8	5.00	<5.00	ug/L	4.N
Benzo(b)fluoranthene	205-99-2	5.00	<5.00	ug/L	4.N
Benzo(g,h,i)perylene	191-24-2	5.00	<5.00	ug/L	
Benzo(k)fluoranthene	207-08-9	5.00	<5.00	ug/L	
Chrysene	218-01-9	5.00	<5.00	ug/L	
Dibenzo(a,h)anthracene	53-70-3	5.00	<5.00	ug/L	
Dibenzofuran	132-64-9	5.00	<5.00	ug/L	
Fluoranthene	206-44-0	5.00	<5.00	ug/L	
Fluorene	86-73-7	5.00	<5.00	ug/L	
Hexachlorobenzene	118-74-1	5.00	<5.00	ug/L	
Indeno(1,2,3-cd)pyrene	193-39-5	5.00	<5.00	ug/L	
Naphthalene	91-20-3	5.00	<5.00	ug/L	
Pentachlorophenol	87-86-5	5.00	<5.00	ug/L	4.K
Phenanthrene	85-01-8	5.00	<5.00	ug/L	
Phenol	108-95-2	5.00	<5.00	ug/L	
Pyrene	129-00-0	5.00	<5.00	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	49	44.1-113	
2-Fluorobiphenyl	321-60-8	55	46.1-112	
2-Fluorophenol	367-12-4	32	27-82.5	
Nitrobenzene-d5	4165-60-0	49	33.5-156	
Phenol-d6	13127-88-3	27	23.3-65.7	
Terphenyl-d14	1718-51-0	90	42-122	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	136	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, News Rochelle
Date (Time) Collected: 04/07/2022 09:17	Sample ID: MW-5
Date (Time) Received: 04/08/2022 11:00	Laboratory ID: 2040812-01
Matrix: Non-Potable Water	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	135	50-200	
Chrysene-d12	1719-03-5	134	50-200	
Naphthalene-d8	1146-65-2	136	50-200	
Perylene-d12	1520-96-3	103	50-200	
Phenanthrene-d10	1517-22-2	134	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, News Rochelle
Date (Time) Collected: 04/07/2022 09:17	Sample ID: MW-5
Date (Time) Received: 04/08/2022 11:00	Laboratory ID: 2040812-01
Matrix: Non-Potable Water	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.00	<2.00	ug/L	3.A
4,4'-DDE	72-55-9	2.00	<2.00	ug/L	4.N, 3.A
4,4'-DDT	50-29-3	2.00	<2.00	ug/L	3.A
Aldrin	309-00-2	2.00	<2.00	ug/L	4.N, 4.Y, 3.A
alpha-BHC	319-84-6	2.00	<2.00	ug/L	4.N, 4.Y, 3.A
beta-BHC	319-85-7	2.00	<2.00	ug/L	4.Y, 4.N, 3.A
cis-Chlordane	5103-71-9	2.00	<2.00	ug/L	4.N, 4.Y, 3.A
delta-BHC	319-86-8	2.00	<2.00	ug/L	3.A, 4.N, 4.Y
Dieldrin	60-57-1	2.00	<2.00	ug/L	3.A, 4.N, 4.Y
Endosulfan I	959-98-8	2.00	<2.00	ug/L	3.A, 4.Y
Endosulfan II	33213-65-9	2.00	<2.00	ug/L	3.A
Endosulfan Sulfate	1031-07-8	2.00	<2.00	ug/L	3.A
Endrin	72-20-8	2.00	<2.00	ug/L	3.A
gamma-BHC	58-89-9	2.00	<2.00	ug/L	3.A, 4.N, 4.Y
Heptachlor	76-44-8	2.00	<2.00	ug/L	3.A, 4.N, 4.Y

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	171	57.4-130	3.A, 4.E
Tetrachloro-m-xylene	877-09-8	122	51.9-129	3.A

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	91	50-200	3.A

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, News Rochelle
Date (Time) Collected: 04/07/2022 09:17	Sample ID: MW-5
Date (Time) Received: 04/08/2022 11:00	Laboratory ID: 2040812-01
Matrix: Non-Potable Water	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	0.500	<0.500	ug/L	
Aroclor-1221	11104-28-2	0.500	<0.500	ug/L	
Aroclor-1232	11141-16-5	0.500	<0.500	ug/L	
Aroclor-1242	53469-21-9	0.500	<0.500	ug/L	
Aroclor-1248	12672-29-6	0.500	<0.500	ug/L	
Aroclor-1254	11097-69-1	0.500	<0.500	ug/L	
Aroclor-1260	11096-82-5	0.500	<0.500	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	81	34.8-127	
Tetrachloro-m-xylene	877-09-8	74	45.7-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	103	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 608.3

Date Analyzed: 04/12/2022

Analytical Method: EPA 608.3

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, News Rochelle
Date (Time) Collected: 04/07/2022 09:17	Sample ID: MW-5
Date (Time) Received: 04/08/2022 11:00	Laboratory ID: 2040812-01
Matrix: Non-Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Barium	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	0.13	mg/L	
Beryllium	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.02	<0.02	mg/L	
Cadmium	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.01	<0.01	mg/L	
Chromium	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Copper	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Lead	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Manganese	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	3.06	mg/L	
Nickel	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Selenium	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Silver	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	
Zinc	04/14/2022	EPA 200.7, Rev. 4.4(1994)	0.05	<0.05	mg/L	

Date Prepared: 04/14/2022 Preparation Method: EPA 200.7, Rev. 4.4(1994)

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 245.1, Rev. 3.0(1994)	0.002	<0.002	mg/L	

Date Prepared: 04/14/2022 Preparation Method: EPA 245.1

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/08/2022	EPA 7196 A	0.100	<0.100	mg/L	

Date Prepared: 04/08/2022 Preparation Method: No Prep Metals

Data Qualifiers Key Reference:

2.A	Sample received in incorrect container.
2.C	Sample container received with head-space.
3.A	Reporting limit raised due to matrix interference.
4.E	Surrogate recovery has failed high.
4.J	Continuing Calibration Verification (CCV) quality control levels failed low, values are considered to be estimated.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
4.N	LCS recovery was below QC acceptance limit.
4.Y	Blank Spike/Blank Spike Dup RPD is above acceptable range.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation
H	Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: NPV, 70 Maxess Rd, Melville, NY 11747

CONTACT: Steven McGinn

PHONE: 631-427-5665

EMAIL:

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT): Steven T. McGinn

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

2040812

PROJECT LOCATION: Lawton Street Property, New Rochelle

SAMPLES RECEIVED AT: °C

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED: Pf 375 Full	# OF CONTAINERS
1. 2040812-01	WW	G			1	4/7/22	9:17	MW-5	X	3
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										
11.										
12.										
13.										
14.										

Sample Preserved within 48 hrs By: JD AFCS.0

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
	4/8/22 7:20	Steven T. McGinn			
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE / TIME	PRINTED NAME
				4/8/22 11:00	Jean DeSilva

WHITE - OFFICE / CANARY - CLIENT

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 2040815

April 14, 2022

Nelson, Pope & Voorhis
Steve McGinn
70 Maxess Road
Melville, NY 11747

Re: Lawton Street Property, New Rochelle

Dear Steve McGinn,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on April 08, 2022. Long Island Analytical laboratories analyzed the samples on April 14, 2022 for the following:

SAMPLE ID	ANALYSIS
B-1 0-4	NYC Part 375 Package
B-1 16-20	NYC Part 375 Package
B-2 0-4	NYC Part 375 Package
B-2 8-12	NYC Part 375 Package
B-3 0-4	NYC Part 375 Package
B-3 4-8	NYC Part 375 Package
B-4 0-4	NYC Part 375 Package
B-4 12-16	NYC Part 375 Package
B-5 0-4	NYC Part 375 Package
B-5 14-16	NYC Part 375 Package
B-7 6-8	NYC Part 375 Package
B-7 10-12	NYC Part 375 Package
B-8 4-6	NYC Part 375 Package
B-8 10-12	NYC Part 375 Package

Samples received at 3.8 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael D. Veraldi
Laboratory Technical Director

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:50	Sample ID: B-1 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-01 % Solid:88.200
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	4.96	<4.96	ug/kg dry	
1,1-Dichloroethane	75-34-3	4.96	<4.96	ug/kg dry	
1,1-Dichloroethene	75-35-4	4.96	<4.96	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	4.96	<4.96	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	4.96	<4.96	ug/kg dry	
1,2-Dichloroethane	107-06-2	4.96	<4.96	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	4.96	<4.96	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	4.96	<4.96	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	4.96	<4.96	ug/kg dry	
1,4-Dioxane	123-91-1	24.8	<24.8	ug/kg dry	
Acetone	67-64-1	19.9	<19.9	ug/kg dry	4.J
Benzene	71-43-2	4.96	<4.96	ug/kg dry	
Carbon Tetrachloride	56-23-5	4.96	<4.96	ug/kg dry	4.K
Chlorobenzene	108-90-7	4.96	<4.96	ug/kg dry	
Chloroform	67-66-3	4.96	<4.96	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	4.96	<4.96	ug/kg dry	
Ethylbenzene	100-41-4	4.96	<4.96	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	9.93	<9.93	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	9.93	<9.93	ug/kg dry	
Methylene Chloride	75-09-2	4.96	<4.96	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	4.96	<4.96	ug/kg dry	
n-Butylbenzene	104-51-8	4.96	<4.96	ug/kg dry	
n-Propylbenzene	103-65-1	4.96	<4.96	ug/kg dry	
o-Xylene	95-47-6	4.96	<4.96	ug/kg dry	
sec-Butylbenzene	135-98-8	4.96	<4.96	ug/kg dry	
tert-Butylbenzene	98-06-6	4.96	<4.96	ug/kg dry	
Tetrachloroethene	127-18-4	4.96	<4.96	ug/kg dry	
Toluene	108-88-3	4.96	<4.96	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	4.96	<4.96	ug/kg dry	
Trichloroethene	79-01-6	4.96	<4.96	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:50	Sample ID: B-1 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-01 % Solid:88.200
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	4.96	<4.96	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	122	72.1-142	
4-Bromofluorobenzene	460-00-4	124	76.1-131	
Dibromofluoromethane	1868-53-7	110	77.6-135	
Toluene-d8	2037-26-5	107	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	56	50-200	
1,4-Difluorobenzene	540-36-3	101	50-200	
Chlorobenzene-d5	3114-55-4	84	50-200	
Pentafluorobenzene	363-72-4	100	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:50	Sample ID: B-1 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-01 % Solid:88.200
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	340	<340	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	170	<170	ug/kg dry	
Acenaphthene	83-32-9	227	<227	ug/kg dry	
Acenaphthylene	208-96-8	170	<170	ug/kg dry	
Anthracene	120-12-7	227	<227	ug/kg dry	
Benzo(a)anthracene	56-55-3	170	<170	ug/kg dry	
Benzo(a)pyrene	50-32-8	170	<170	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	340	<340	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	170	<170	ug/kg dry	4.K
Benzo(k)fluoranthene	207-08-9	170	<170	ug/kg dry	
Chrysene	218-01-9	227	<227	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	170	<170	ug/kg dry	4.K
Dibenzofuran	132-64-9	227	<227	ug/kg dry	
Fluoranthene	206-44-0	227	<227	ug/kg dry	
Fluorene	86-73-7	227	<227	ug/kg dry	
Hexachlorobenzene	118-74-1	227	<227	ug/kg dry	4.K
Indeno(1,2,3-cd)pyrene	193-39-5	170	<170	ug/kg dry	4.K
Naphthalene	91-20-3	227	<227	ug/kg dry	
Pentachlorophenol	87-86-5	340	<340	ug/kg dry	
Phenanthrene	85-01-8	227	<227	ug/kg dry	
Phenol	108-95-2	170	<170	ug/kg dry	
Pyrene	129-00-0	227	<227	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	53	28.3-111	
2-Fluorobiphenyl	321-60-8	53	30.1-118	
2-Fluorophenol	367-12-4	51	28.1-113	
Nitrobenzene-d5	4165-60-0	40	30.3-117	
Phenol-d6	13127-88-3	48	26.7-119	
Terphenyl-d14	1718-51-0	68	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	106	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:50	Sample ID: B-1 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-01 % Solid:88.200
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	104	50-200	
Chrysene-d12	1719-03-5	107	50-200	
Naphthalene-d8	1146-65-2	105	50-200	
Perylene-d12	1520-96-3	156	50-200	
Phenanthrene-d10	1517-22-2	103	50-200	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/14/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:50	Sample ID: B-1 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-01 % Solid:88.200
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.27	<2.27	ug/kg dry	
4,4'-DDE	72-55-9	2.27	2.36	ug/kg dry	
4,4'-DDT	50-29-3	2.27	<2.27	ug/kg dry	
Aldrin	309-00-2	2.27	<2.27	ug/kg dry	
alpha-BHC	319-84-6	5.67	<5.67	ug/kg dry	
beta-BHC	319-85-7	5.67	<5.67	ug/kg dry	
cis-Chlordane	5103-71-9	5.67	<5.67	ug/kg dry	
delta-BHC	319-86-8	5.67	<5.67	ug/kg dry	
Dieldrin	60-57-1	2.27	<2.27	ug/kg dry	
Endosulfan I	959-98-8	5.67	<5.67	ug/kg dry	
Endosulfan II	33213-65-9	5.67	<5.67	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.67	<5.67	ug/kg dry	
Endrin	72-20-8	5.67	<5.67	ug/kg dry	
gamma-BHC	58-89-9	5.67	<5.67	ug/kg dry	
Heptachlor	76-44-8	5.67	<5.67	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	66	52.6-153	
Tetrachloro-m-xylene	877-09-8	38	56.1-151	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	103	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:50	Sample ID: B-1 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-01 % Solid:88.200
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	56.7	<56.7	ug/kg dry	
Aroclor-1221	11104-28-2	56.7	<56.7	ug/kg dry	
Aroclor-1232	11141-16-5	56.7	<56.7	ug/kg dry	
Aroclor-1242	53469-21-9	56.7	<56.7	ug/kg dry	
Aroclor-1248	12672-29-6	56.7	<56.7	ug/kg dry	
Aroclor-1254	11097-69-1	56.7	<56.7	ug/kg dry	
Aroclor-1260	11096-82-5	56.7	<56.7	ug/kg dry	
Aroclor-1262	37324-23-5	56.7	<56.7	ug/kg dry	
Aroclor-1268	11100-14-4	56.7	<56.7	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	50	47.4-148	
Tetrachloro-m-xylene	877-09-8	41	51.4-150	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	81	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:50	Sample ID: B-1 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-01 % Solid:88.200
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	28	<28	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:50	Sample ID: B-1 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-01 % Solid:88.200
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.69	<1.69	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.69	65.5	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.68	<0.68	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.69	<1.69	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.69	20.8	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.69	12.8	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.69	12.3	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.69	252	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.69	12.7	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.37	<3.37	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.42	<0.42	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.69	26.6	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.564	<0.564	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	0.08	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.23	<0.23	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 15:00	Sample ID: B-1 16-20
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-02 % Solid:91.210
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	4.98	<4.98	ug/kg dry	
1,1-Dichloroethane	75-34-3	4.98	<4.98	ug/kg dry	
1,1-Dichloroethene	75-35-4	4.98	<4.98	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	4.98	<4.98	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	4.98	<4.98	ug/kg dry	
1,2-Dichloroethane	107-06-2	4.98	<4.98	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	4.98	<4.98	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	4.98	<4.98	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	4.98	<4.98	ug/kg dry	
1,4-Dioxane	123-91-1	24.9	<24.9	ug/kg dry	
Acetone	67-64-1	19.9	<19.9	ug/kg dry	4.J
Benzene	71-43-2	4.98	<4.98	ug/kg dry	
Carbon Tetrachloride	56-23-5	4.98	<4.98	ug/kg dry	4.K
Chlorobenzene	108-90-7	4.98	<4.98	ug/kg dry	
Chloroform	67-66-3	4.98	<4.98	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	4.98	<4.98	ug/kg dry	
Ethylbenzene	100-41-4	4.98	<4.98	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	9.97	<9.97	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	9.97	<9.97	ug/kg dry	
Methylene Chloride	75-09-2	4.98	<4.98	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	4.98	<4.98	ug/kg dry	
n-Butylbenzene	104-51-8	4.98	<4.98	ug/kg dry	
n-Propylbenzene	103-65-1	4.98	<4.98	ug/kg dry	
o-Xylene	95-47-6	4.98	<4.98	ug/kg dry	
sec-Butylbenzene	135-98-8	4.98	<4.98	ug/kg dry	
tert-Butylbenzene	98-06-6	4.98	<4.98	ug/kg dry	
Tetrachloroethene	127-18-4	4.98	<4.98	ug/kg dry	
Toluene	108-88-3	4.98	<4.98	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	4.98	<4.98	ug/kg dry	
Trichloroethene	79-01-6	4.98	<4.98	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 15:00	Sample ID: B-1 16-20
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-02 % Solid:91.210
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	4.98	<4.98	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	123	72.1-142	
4-Bromofluorobenzene	460-00-4	99	76.1-131	
Dibromofluoromethane	1868-53-7	110	77.6-135	
Toluene-d8	2037-26-5	96	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	96	50-200	
1,4-Difluorobenzene	540-36-3	105	50-200	
Chlorobenzene-d5	3114-55-4	100	50-200	
Pentafluorobenzene	363-72-4	103	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 15:00	Sample ID: B-1 16-20
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-02 % Solid:91.210
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	329	<329	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	164	<164	ug/kg dry	
Acenaphthene	83-32-9	219	<219	ug/kg dry	
Acenaphthylene	208-96-8	164	<164	ug/kg dry	
Anthracene	120-12-7	219	<219	ug/kg dry	
Benzo(a)anthracene	56-55-3	164	<164	ug/kg dry	
Benzo(a)pyrene	50-32-8	164	<164	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	329	<329	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	164	<164	ug/kg dry	4.K
Benzo(k)fluoranthene	207-08-9	164	<164	ug/kg dry	
Chrysene	218-01-9	219	<219	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	164	<164	ug/kg dry	4.K
Dibenzofuran	132-64-9	219	<219	ug/kg dry	
Fluoranthene	206-44-0	219	<219	ug/kg dry	
Fluorene	86-73-7	219	<219	ug/kg dry	
Hexachlorobenzene	118-74-1	219	<219	ug/kg dry	4.K
Indeno(1,2,3-cd)pyrene	193-39-5	164	<164	ug/kg dry	4.K
Naphthalene	91-20-3	219	<219	ug/kg dry	
Pentachlorophenol	87-86-5	329	<329	ug/kg dry	
Phenanthrene	85-01-8	219	<219	ug/kg dry	
Phenol	108-95-2	164	<164	ug/kg dry	
Pyrene	129-00-0	219	<219	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	48	28.3-111	
2-Fluorobiphenyl	321-60-8	50	30.1-118	
2-Fluorophenol	367-12-4	46	28.1-113	
Nitrobenzene-d5	4165-60-0	37	30.3-117	
Phenol-d6	13127-88-3	44	26.7-119	
Terphenyl-d14	1718-51-0	61	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	112	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 15:00	Sample ID: B-1 16-20
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-02 % Solid:91.210
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	111	50-200	
Chrysene-d12	1719-03-5	114	50-200	
Naphthalene-d8	1146-65-2	111	50-200	
Perylene-d12	1520-96-3	168	50-200	
Phenanthrene-d10	1517-22-2	109	50-200	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/14/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 15:00	Sample ID: B-1 16-20
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-02 % Solid:91.210
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.19	<2.19	ug/kg dry	
4,4'-DDE	72-55-9	2.19	<2.19	ug/kg dry	
4,4'-DDT	50-29-3	2.19	<2.19	ug/kg dry	
Aldrin	309-00-2	2.19	<2.19	ug/kg dry	
alpha-BHC	319-84-6	5.48	<5.48	ug/kg dry	
beta-BHC	319-85-7	5.48	<5.48	ug/kg dry	
cis-Chlordane	5103-71-9	5.48	<5.48	ug/kg dry	
delta-BHC	319-86-8	5.48	<5.48	ug/kg dry	
Dieldrin	60-57-1	2.19	<2.19	ug/kg dry	
Endosulfan I	959-98-8	5.48	<5.48	ug/kg dry	
Endosulfan II	33213-65-9	5.48	<5.48	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.48	<5.48	ug/kg dry	
Endrin	72-20-8	5.48	<5.48	ug/kg dry	
gamma-BHC	58-89-9	5.48	<5.48	ug/kg dry	
Heptachlor	76-44-8	5.48	<5.48	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	109	52.6-153	
Tetrachloro-m-xylene	877-09-8	67	56.1-151	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	104	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 15:00	Sample ID: B-1 16-20
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-02 % Solid:91.210
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	54.8	<54.8	ug/kg dry	
Aroclor-1221	11104-28-2	54.8	<54.8	ug/kg dry	
Aroclor-1232	11141-16-5	54.8	<54.8	ug/kg dry	
Aroclor-1242	53469-21-9	54.8	<54.8	ug/kg dry	
Aroclor-1248	12672-29-6	54.8	<54.8	ug/kg dry	
Aroclor-1254	11097-69-1	54.8	<54.8	ug/kg dry	
Aroclor-1260	11096-82-5	54.8	<54.8	ug/kg dry	
Aroclor-1262	37324-23-5	54.8	<54.8	ug/kg dry	
Aroclor-1268	11100-14-4	54.8	<54.8	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	94	47.4-148	
Tetrachloro-m-xylene	877-09-8	70	51.4-150	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	84	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 15:00	Sample ID: B-1 16-20
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-02 % Solid:91.210
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	27	<27	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 15:00	Sample ID: B-1 16-20
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-02 % Solid:91.210
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.80	<1.80	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.80	234	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.72	<0.72	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.80	<1.80	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.80	47.4	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.80	59.7	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.80	2.00	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	18.0	505	mg/kg dry	3.E, 4.F
Nickel	04/14/2022	EPA 6010 D	1.80	38.4	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.58	<3.58	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.45	<0.45	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.80	81.7	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.547	<0.547	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	<0.01	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:00	Sample ID: B-2 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-03 % Solid:84.922
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.69	<5.69	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.69	<5.69	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.69	<5.69	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.69	<5.69	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.69	<5.69	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.69	<5.69	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.69	<5.69	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.69	<5.69	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.69	<5.69	ug/kg dry	
1,4-Dioxane	123-91-1	28.5	<28.5	ug/kg dry	
Acetone	67-64-1	22.8	<22.8	ug/kg dry	4.J
Benzene	71-43-2	5.69	<5.69	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.69	<5.69	ug/kg dry	4.K
Chlorobenzene	108-90-7	5.69	<5.69	ug/kg dry	
Chloroform	67-66-3	5.69	<5.69	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.69	<5.69	ug/kg dry	
Ethylbenzene	100-41-4	5.69	<5.69	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	11.4	<11.4	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	11.4	<11.4	ug/kg dry	
Methylene Chloride	75-09-2	5.69	<5.69	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	5.69	<5.69	ug/kg dry	
n-Butylbenzene	104-51-8	5.69	<5.69	ug/kg dry	
n-Propylbenzene	103-65-1	5.69	<5.69	ug/kg dry	
o-Xylene	95-47-6	5.69	<5.69	ug/kg dry	
sec-Butylbenzene	135-98-8	5.69	<5.69	ug/kg dry	
tert-Butylbenzene	98-06-6	5.69	<5.69	ug/kg dry	
Tetrachloroethene	127-18-4	5.69	<5.69	ug/kg dry	
Toluene	108-88-3	5.69	<5.69	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.69	<5.69	ug/kg dry	
Trichloroethene	79-01-6	5.69	<5.69	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:00	Sample ID: B-2 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-03 % Solid:84.922
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.69	<5.69	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	135	72.1-142	
4-Bromofluorobenzene	460-00-4	135	76.1-131	4.E
Dibromofluoromethane	1868-53-7	117	77.6-135	
Toluene-d8	2037-26-5	121	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	32	50-200	4.P
1,4-Difluorobenzene	540-36-3	87	50-200	
Chlorobenzene-d5	3114-55-4	61	50-200	
Pentafluorobenzene	363-72-4	85	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:00	Sample ID: B-2 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-03 % Solid:84.922
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	353	<353	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	177	<177	ug/kg dry	
Acenaphthene	83-32-9	236	<236	ug/kg dry	
Acenaphthylene	208-96-8	177	<177	ug/kg dry	
Anthracene	120-12-7	236	<236	ug/kg dry	
Benzo(a)anthracene	56-55-3	177	<177	ug/kg dry	
Benzo(a)pyrene	50-32-8	177	<177	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	353	<353	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	177	<177	ug/kg dry	4.K
Benzo(k)fluoranthene	207-08-9	177	<177	ug/kg dry	
Chrysene	218-01-9	236	<236	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	177	<177	ug/kg dry	4.K
Dibenzofuran	132-64-9	236	<236	ug/kg dry	
Fluoranthene	206-44-0	236	<236	ug/kg dry	
Fluorene	86-73-7	236	<236	ug/kg dry	
Hexachlorobenzene	118-74-1	236	<236	ug/kg dry	4.K
Indeno(1,2,3-cd)pyrene	193-39-5	177	<177	ug/kg dry	4.K
Naphthalene	91-20-3	236	<236	ug/kg dry	
Pentachlorophenol	87-86-5	353	<353	ug/kg dry	
Phenanthrene	85-01-8	236	<236	ug/kg dry	
Phenol	108-95-2	177	<177	ug/kg dry	
Pyrene	129-00-0	236	<236	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	52	28.3-111	
2-Fluorobiphenyl	321-60-8	52	30.1-118	
2-Fluorophenol	367-12-4	47	28.1-113	
Nitrobenzene-d5	4165-60-0	38	30.3-117	
Phenol-d6	13127-88-3	46	26.7-119	
Terphenyl-d14	1718-51-0	65	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	106	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:00	Sample ID: B-2 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-03 % Solid:84.922
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	102	50-200	
Chrysene-d12	1719-03-5	107	50-200	
Naphthalene-d8	1146-65-2	104	50-200	
Perylene-d12	1520-96-3	151	50-200	
Phenanthrene-d10	1517-22-2	101	50-200	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/14/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:00	Sample ID: B-2 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-03 % Solid:84.922
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.36	<2.36	ug/kg dry	
4,4'-DDE	72-55-9	2.36	<2.36	ug/kg dry	
4,4'-DDT	50-29-3	2.36	<2.36	ug/kg dry	
Aldrin	309-00-2	2.36	<2.36	ug/kg dry	
alpha-BHC	319-84-6	5.89	<5.89	ug/kg dry	
beta-BHC	319-85-7	5.89	<5.89	ug/kg dry	
cis-Chlordane	5103-71-9	5.89	<5.89	ug/kg dry	
delta-BHC	319-86-8	5.89	<5.89	ug/kg dry	
Dieldrin	60-57-1	2.36	<2.36	ug/kg dry	
Endosulfan I	959-98-8	5.89	<5.89	ug/kg dry	
Endosulfan II	33213-65-9	5.89	<5.89	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.89	<5.89	ug/kg dry	
Endrin	72-20-8	5.89	<5.89	ug/kg dry	
gamma-BHC	58-89-9	5.89	<5.89	ug/kg dry	
Heptachlor	76-44-8	5.89	<5.89	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	93	52.6-153	
Tetrachloro-m-xylene	877-09-8	53	56.1-151	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	99	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:00	Sample ID: B-2 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-03 % Solid:84.922
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	58.9	<58.9	ug/kg dry	
Aroclor-1221	11104-28-2	58.9	<58.9	ug/kg dry	
Aroclor-1232	11141-16-5	58.9	<58.9	ug/kg dry	
Aroclor-1242	53469-21-9	58.9	<58.9	ug/kg dry	
Aroclor-1248	12672-29-6	58.9	<58.9	ug/kg dry	
Aroclor-1254	11097-69-1	58.9	<58.9	ug/kg dry	
Aroclor-1260	11096-82-5	58.9	<58.9	ug/kg dry	
Aroclor-1262	37324-23-5	58.9	<58.9	ug/kg dry	
Aroclor-1268	11100-14-4	58.9	<58.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	84	47.4-148	
Tetrachloro-m-xylene	877-09-8	68	51.4-150	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	85	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:00	Sample ID: B-2 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-03 % Solid:84.922
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	29	<29	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:00	Sample ID: B-2 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-03 % Solid:84.922
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.67	2.03	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.56	71.7	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.67	<0.67	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.65	<1.65	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.67	18.6	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.67	19.6	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.67	115	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.67	201	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.67	14.7	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.33	<3.33	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.39	<0.39	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.67	46.2	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.589	<0.589	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	0.47	mg/kg dry	4.A

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.24	<0.24	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:10	Sample ID: B-2 8-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-04 % Solid:87.791
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.50	<5.50	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.50	<5.50	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.50	<5.50	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.50	<5.50	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.50	<5.50	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.50	<5.50	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.50	<5.50	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.50	<5.50	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.50	<5.50	ug/kg dry	
1,4-Dioxane	123-91-1	27.5	<27.5	ug/kg dry	
Acetone	67-64-1	22.0	<22.0	ug/kg dry	4.J
Benzene	71-43-2	5.50	<5.50	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.50	<5.50	ug/kg dry	4.K
Chlorobenzene	108-90-7	5.50	<5.50	ug/kg dry	
Chloroform	67-66-3	5.50	<5.50	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.50	<5.50	ug/kg dry	
Ethylbenzene	100-41-4	5.50	<5.50	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	11.0	<11.0	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	11.0	<11.0	ug/kg dry	
Methylene Chloride	75-09-2	5.50	<5.50	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	5.50	<5.50	ug/kg dry	
n-Butylbenzene	104-51-8	5.50	<5.50	ug/kg dry	
n-Propylbenzene	103-65-1	5.50	<5.50	ug/kg dry	
o-Xylene	95-47-6	5.50	<5.50	ug/kg dry	
sec-Butylbenzene	135-98-8	5.50	<5.50	ug/kg dry	
tert-Butylbenzene	98-06-6	5.50	<5.50	ug/kg dry	
Tetrachloroethene	127-18-4	5.50	<5.50	ug/kg dry	
Toluene	108-88-3	5.50	<5.50	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.50	<5.50	ug/kg dry	
Trichloroethene	79-01-6	5.50	<5.50	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:10	Sample ID: B-2 8-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-04 % Solid:87.791
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.50	<5.50	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	120	72.1-142	
4-Bromofluorobenzene	460-00-4	99	76.1-131	
Dibromofluoromethane	1868-53-7	106	77.6-135	
Toluene-d8	2037-26-5	99	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	93	50-200	
1,4-Difluorobenzene	540-36-3	105	50-200	
Chlorobenzene-d5	3114-55-4	96	50-200	
Pentafluorobenzene	363-72-4	103	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:10	Sample ID: B-2 8-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-04 % Solid:87.791
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	342	<342	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	171	<171	ug/kg dry	
Acenaphthene	83-32-9	228	<228	ug/kg dry	
Acenaphthylene	208-96-8	171	<171	ug/kg dry	
Anthracene	120-12-7	228	<228	ug/kg dry	
Benzo(a)anthracene	56-55-3	171	<171	ug/kg dry	
Benzo(a)pyrene	50-32-8	171	<171	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	342	<342	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	171	<171	ug/kg dry	4.K
Benzo(k)fluoranthene	207-08-9	171	<171	ug/kg dry	
Chrysene	218-01-9	228	<228	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	171	<171	ug/kg dry	4.K
Dibenzofuran	132-64-9	228	<228	ug/kg dry	
Fluoranthene	206-44-0	228	<228	ug/kg dry	
Fluorene	86-73-7	228	<228	ug/kg dry	
Hexachlorobenzene	118-74-1	228	<228	ug/kg dry	4.K
Indeno(1,2,3-cd)pyrene	193-39-5	171	<171	ug/kg dry	4.K
Naphthalene	91-20-3	228	<228	ug/kg dry	
Pentachlorophenol	87-86-5	342	<342	ug/kg dry	
Phenanthrene	85-01-8	228	<228	ug/kg dry	
Phenol	108-95-2	171	<171	ug/kg dry	
Pyrene	129-00-0	228	<228	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	63	28.3-111	
2-Fluorobiphenyl	321-60-8	63	30.1-118	
2-Fluorophenol	367-12-4	59	28.1-113	
Nitrobenzene-d5	4165-60-0	47	30.3-117	
Phenol-d6	13127-88-3	55	26.7-119	
Terphenyl-d14	1718-51-0	75	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	109	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:10	Sample ID: B-2 8-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-04 % Solid:87.791
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	111	50-200	
Chrysene-d12	1719-03-5	113	50-200	
Naphthalene-d8	1146-65-2	108	50-200	
Perylene-d12	1520-96-3	169	50-200	
Phenanthrene-d10	1517-22-2	110	50-200	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/14/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:10	Sample ID: B-2 8-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-04 % Solid:87.791
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.28	<2.28	ug/kg dry	
4,4'-DDE	72-55-9	2.28	<2.28	ug/kg dry	
4,4'-DDT	50-29-3	2.28	<2.28	ug/kg dry	
Aldrin	309-00-2	2.28	<2.28	ug/kg dry	
alpha-BHC	319-84-6	5.70	<5.70	ug/kg dry	
beta-BHC	319-85-7	5.70	<5.70	ug/kg dry	
cis-Chlordane	5103-71-9	5.70	<5.70	ug/kg dry	
delta-BHC	319-86-8	5.70	<5.70	ug/kg dry	
Dieldrin	60-57-1	2.28	<2.28	ug/kg dry	
Endosulfan I	959-98-8	5.70	<5.70	ug/kg dry	
Endosulfan II	33213-65-9	5.70	<5.70	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.70	<5.70	ug/kg dry	
Endrin	72-20-8	5.70	<5.70	ug/kg dry	
gamma-BHC	58-89-9	5.70	<5.70	ug/kg dry	
Heptachlor	76-44-8	5.70	<5.70	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	113	52.6-153	
Tetrachloro-m-xylene	877-09-8	73	56.1-151	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	98	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:10	Sample ID: B-2 8-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-04 % Solid:87.791
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	57.0	<57.0	ug/kg dry	
Aroclor-1221	11104-28-2	57.0	<57.0	ug/kg dry	
Aroclor-1232	11141-16-5	57.0	<57.0	ug/kg dry	
Aroclor-1242	53469-21-9	57.0	<57.0	ug/kg dry	
Aroclor-1248	12672-29-6	57.0	<57.0	ug/kg dry	
Aroclor-1254	11097-69-1	57.0	<57.0	ug/kg dry	
Aroclor-1260	11096-82-5	57.0	<57.0	ug/kg dry	
Aroclor-1262	37324-23-5	57.0	<57.0	ug/kg dry	
Aroclor-1268	11100-14-4	57.0	<57.0	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	94	47.4-148	
Tetrachloro-m-xylene	877-09-8	81	51.4-150	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	83	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:10	Sample ID: B-2 8-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-04 % Solid:87.791
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	28	<28	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 16:10	Sample ID: B-2 8-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-04 % Solid:87.791
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.85	<1.85	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.85	55.2	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.74	<0.74	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.85	<1.85	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.85	12.2	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.85	10.0	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.85	2.03	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.85	225	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.85	9.15	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.69	<3.69	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.46	<0.46	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.85	17.7	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.570	<0.570	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	<0.01	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.23	<0.23	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:50	Sample ID: B-3 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-05 % Solid:89.074
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.59	<5.59	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.59	<5.59	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.59	<5.59	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.59	<5.59	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.59	<5.59	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.59	<5.59	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.59	<5.59	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.59	<5.59	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.59	<5.59	ug/kg dry	
1,4-Dioxane	123-91-1	28.0	<28.0	ug/kg dry	
Acetone	67-64-1	22.4	<22.4	ug/kg dry	4.J
Benzene	71-43-2	5.59	<5.59	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.59	<5.59	ug/kg dry	4.K
Chlorobenzene	108-90-7	5.59	<5.59	ug/kg dry	
Chloroform	67-66-3	5.59	<5.59	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.59	<5.59	ug/kg dry	
Ethylbenzene	100-41-4	5.59	<5.59	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	11.2	<11.2	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	11.2	<11.2	ug/kg dry	
Methylene Chloride	75-09-2	5.59	<5.59	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	5.59	<5.59	ug/kg dry	
n-Butylbenzene	104-51-8	5.59	<5.59	ug/kg dry	
n-Propylbenzene	103-65-1	5.59	<5.59	ug/kg dry	
o-Xylene	95-47-6	5.59	<5.59	ug/kg dry	
sec-Butylbenzene	135-98-8	5.59	<5.59	ug/kg dry	
tert-Butylbenzene	98-06-6	5.59	<5.59	ug/kg dry	
Tetrachloroethene	127-18-4	5.59	<5.59	ug/kg dry	
Toluene	108-88-3	5.59	<5.59	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.59	<5.59	ug/kg dry	
Trichloroethene	79-01-6	5.59	<5.59	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:50	Sample ID: B-3 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-05 % Solid:89.074
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.59	<5.59	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	121	72.1-142	
4-Bromofluorobenzene	460-00-4	105	76.1-131	
Dibromofluoromethane	1868-53-7	107	77.6-135	
Toluene-d8	2037-26-5	99	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	83	50-200	
1,4-Difluorobenzene	540-36-3	102	50-200	
Chlorobenzene-d5	3114-55-4	93	50-200	
Pentafluorobenzene	363-72-4	101	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:50	Sample ID: B-3 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-05 % Solid:89.074
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	337	<337	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	168	<168	ug/kg dry	
Acenaphthene	83-32-9	225	<225	ug/kg dry	
Acenaphthylene	208-96-8	168	207	ug/kg dry	
Anthracene	120-12-7	225	617	ug/kg dry	
Benzo(a)anthracene	56-55-3	168	2480	ug/kg dry	
Benzo(a)pyrene	50-32-8	168	2010	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	337	2050	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	168	1120	ug/kg dry	4.K
Benzo(k)fluoranthene	207-08-9	168	1560	ug/kg dry	
Chrysene	218-01-9	225	2220	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	168	<168	ug/kg dry	4.K
Dibenzofuran	132-64-9	225	<225	ug/kg dry	
Fluoranthene	206-44-0	225	4150	ug/kg dry	
Fluorene	86-73-7	225	<225	ug/kg dry	
Hexachlorobenzene	118-74-1	225	<225	ug/kg dry	4.K
Indeno(1,2,3-cd)pyrene	193-39-5	168	1620	ug/kg dry	4.K
Naphthalene	91-20-3	225	<225	ug/kg dry	
Pentachlorophenol	87-86-5	337	<337	ug/kg dry	
Phenanthrene	85-01-8	225	2230	ug/kg dry	
Phenol	108-95-2	168	<168	ug/kg dry	
Pyrene	129-00-0	225	3550	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	59	28.3-111	
2-Fluorobiphenyl	321-60-8	55	30.1-118	
2-Fluorophenol	367-12-4	50	28.1-113	
Nitrobenzene-d5	4165-60-0	39	30.3-117	
Phenol-d6	13127-88-3	47	26.7-119	
Terphenyl-d14	1718-51-0	68	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	112	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:50	Sample ID: B-3 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-05 % Solid:89.074
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	114	50-200	
Chrysene-d12	1719-03-5	119	50-200	
Naphthalene-d8	1146-65-2	111	50-200	
Perylene-d12	1520-96-3	178	50-200	
Phenanthrene-d10	1517-22-2	112	50-200	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/14/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:50	Sample ID: B-3 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-05 % Solid:89.074
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.25	61.4	ug/kg dry	
4,4'-DDE	72-55-9	2.25	3.50	ug/kg dry	
4,4'-DDT	50-29-3	2.25	12.9	ug/kg dry	
Aldrin	309-00-2	2.25	<2.25	ug/kg dry	
alpha-BHC	319-84-6	5.61	<5.61	ug/kg dry	
beta-BHC	319-85-7	5.61	13.9	ug/kg dry	
cis-Chlordane	5103-71-9	5.61	<5.61	ug/kg dry	
delta-BHC	319-86-8	5.61	<5.61	ug/kg dry	
Dieldrin	60-57-1	2.25	<2.25	ug/kg dry	
Endosulfan I	959-98-8	5.61	<5.61	ug/kg dry	
Endosulfan II	33213-65-9	5.61	<5.61	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.61	<5.61	ug/kg dry	
Endrin	72-20-8	5.61	<5.61	ug/kg dry	
gamma-BHC	58-89-9	5.61	<5.61	ug/kg dry	
Heptachlor	76-44-8	5.61	<5.61	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	143	52.6-153	
Tetrachloro-m-xylene	877-09-8	106	56.1-151	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	101	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:50	Sample ID: B-3 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-05 % Solid:89.074
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	56.1	<56.1	ug/kg dry	
Aroclor-1221	11104-28-2	56.1	<56.1	ug/kg dry	
Aroclor-1232	11141-16-5	56.1	<56.1	ug/kg dry	
Aroclor-1242	53469-21-9	56.1	<56.1	ug/kg dry	
Aroclor-1248	12672-29-6	56.1	<56.1	ug/kg dry	
Aroclor-1254	11097-69-1	56.1	<56.1	ug/kg dry	
Aroclor-1260	11096-82-5	56.1	<56.1	ug/kg dry	
Aroclor-1262	37324-23-5	56.1	<56.1	ug/kg dry	
Aroclor-1268	11100-14-4	56.1	<56.1	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	100	47.4-148	
Tetrachloro-m-xylene	877-09-8	92	51.4-150	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	118	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:50	Sample ID: B-3 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-05 % Solid:89.074
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	28	<28	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:50	Sample ID: B-3 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-05 % Solid:89.074
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.67	3.10	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.58	124	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.67	<0.67	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.65	<1.65	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.67	13.1	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.67	26.1	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.67	250	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.67	172	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.67	10.4	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.33	<3.33	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.39	<0.39	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.67	137	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	1.14	<1.14	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.02	0.05	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:00	Sample ID: B-3 4-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-06 % Solid:91.533
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.26	<5.26	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.26	<5.26	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.26	<5.26	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.26	<5.26	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.26	<5.26	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.26	<5.26	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.26	<5.26	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.26	<5.26	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.26	<5.26	ug/kg dry	
1,4-Dioxane	123-91-1	26.3	<26.3	ug/kg dry	
Acetone	67-64-1	21.0	25.2	ug/kg dry	4.J
Benzene	71-43-2	5.26	<5.26	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.26	<5.26	ug/kg dry	4.K
Chlorobenzene	108-90-7	5.26	<5.26	ug/kg dry	
Chloroform	67-66-3	5.26	<5.26	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.26	<5.26	ug/kg dry	
Ethylbenzene	100-41-4	5.26	<5.26	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	10.5	<10.5	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.5	<10.5	ug/kg dry	
Methylene Chloride	75-09-2	5.26	<5.26	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	5.26	<5.26	ug/kg dry	
n-Butylbenzene	104-51-8	5.26	<5.26	ug/kg dry	
n-Propylbenzene	103-65-1	5.26	<5.26	ug/kg dry	
o-Xylene	95-47-6	5.26	<5.26	ug/kg dry	
sec-Butylbenzene	135-98-8	5.26	<5.26	ug/kg dry	
tert-Butylbenzene	98-06-6	5.26	<5.26	ug/kg dry	
Tetrachloroethene	127-18-4	5.26	<5.26	ug/kg dry	
Toluene	108-88-3	5.26	<5.26	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.26	<5.26	ug/kg dry	
Trichloroethene	79-01-6	5.26	<5.26	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:00	Sample ID: B-3 4-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-06 % Solid:91.533
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.26	<5.26	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	122	72.1-142	
4-Bromofluorobenzene	460-00-4	105	76.1-131	
Dibromofluoromethane	1868-53-7	99	77.6-135	
Toluene-d8	2037-26-5	99	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	83	50-200	
1,4-Difluorobenzene	540-36-3	102	50-200	
Chlorobenzene-d5	3114-55-4	94	50-200	
Pentafluorobenzene	363-72-4	101	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:00	Sample ID: B-3 4-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-06 % Solid:91.533
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	328	<328	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	164	<164	ug/kg dry	
Acenaphthene	83-32-9	218	<218	ug/kg dry	
Acenaphthylene	208-96-8	164	<164	ug/kg dry	
Anthracene	120-12-7	218	<218	ug/kg dry	
Benzo(a)anthracene	56-55-3	164	223	ug/kg dry	
Benzo(a)pyrene	50-32-8	164	189	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	328	<328	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	164	<164	ug/kg dry	4.K
Benzo(k)fluoranthene	207-08-9	164	<164	ug/kg dry	
Chrysene	218-01-9	218	227	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	164	<164	ug/kg dry	4.K
Dibenzofuran	132-64-9	218	<218	ug/kg dry	
Fluoranthene	206-44-0	218	396	ug/kg dry	
Fluorene	86-73-7	218	<218	ug/kg dry	
Hexachlorobenzene	118-74-1	218	<218	ug/kg dry	4.K
Indeno(1,2,3-cd)pyrene	193-39-5	164	<164	ug/kg dry	4.K
Naphthalene	91-20-3	218	<218	ug/kg dry	
Pentachlorophenol	87-86-5	328	<328	ug/kg dry	
Phenanthrene	85-01-8	218	<218	ug/kg dry	
Phenol	108-95-2	164	<164	ug/kg dry	
Pyrene	129-00-0	218	368	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	57	28.3-111	
2-Fluorobiphenyl	321-60-8	50	30.1-118	
2-Fluorophenol	367-12-4	45	28.1-113	
Nitrobenzene-d5	4165-60-0	34	30.3-117	
Phenol-d6	13127-88-3	42	26.7-119	
Terphenyl-d14	1718-51-0	63	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	120	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:00	Sample ID: B-3 4-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-06 % Solid:91.533
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	122	50-200	
Chrysene-d12	1719-03-5	126	50-200	
Naphthalene-d8	1146-65-2	118	50-200	
Perylene-d12	1520-96-3	167	50-200	
Phenanthrene-d10	1517-22-2	119	50-200	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/14/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:00	Sample ID: B-3 4-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-06 % Solid:91.533
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.18	63.3	ug/kg dry	
4,4'-DDE	72-55-9	2.18	3.28	ug/kg dry	
4,4'-DDT	50-29-3	2.18	12.0	ug/kg dry	
Aldrin	309-00-2	2.18	<2.18	ug/kg dry	
alpha-BHC	319-84-6	5.46	<5.46	ug/kg dry	
beta-BHC	319-85-7	5.46	13.1	ug/kg dry	
cis-Chlordane	5103-71-9	5.46	<5.46	ug/kg dry	
delta-BHC	319-86-8	5.46	<5.46	ug/kg dry	
Dieldrin	60-57-1	2.18	<2.18	ug/kg dry	
Endosulfan I	959-98-8	5.46	<5.46	ug/kg dry	
Endosulfan II	33213-65-9	5.46	<5.46	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.46	<5.46	ug/kg dry	
Endrin	72-20-8	5.46	<5.46	ug/kg dry	
gamma-BHC	58-89-9	5.46	<5.46	ug/kg dry	
Heptachlor	76-44-8	5.46	<5.46	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	133	52.6-153	
Tetrachloro-m-xylene	877-09-8	104	56.1-151	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	96	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:00	Sample ID: B-3 4-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-06 % Solid:91.533
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	54.6	<54.6	ug/kg dry	
Aroclor-1221	11104-28-2	54.6	<54.6	ug/kg dry	
Aroclor-1232	11141-16-5	54.6	<54.6	ug/kg dry	
Aroclor-1242	53469-21-9	54.6	<54.6	ug/kg dry	
Aroclor-1248	12672-29-6	54.6	<54.6	ug/kg dry	
Aroclor-1254	11097-69-1	54.6	<54.6	ug/kg dry	
Aroclor-1260	11096-82-5	54.6	<54.6	ug/kg dry	
Aroclor-1262	37324-23-5	54.6	<54.6	ug/kg dry	
Aroclor-1268	11100-14-4	54.6	<54.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	98	47.4-148	
Tetrachloro-m-xylene	877-09-8	97	51.4-150	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	93	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:00	Sample ID: B-3 4-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-06 % Solid:91.533
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	27	<27	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 14:00	Sample ID: B-3 4-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-06 % Solid:91.533
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.77	1.94	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.77	23.5	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.71	<0.71	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.77	<1.77	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.77	5.36	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.77	48.0	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.77	28.0	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.77	117	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.77	5.89	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.52	<3.52	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.44	<0.44	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.77	31.3	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	1.06	<1.06	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	0.90	mg/kg dry	4.A

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 12:45	Sample ID: B-4 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-07 % Solid:91.819
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.37	<5.37	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.37	<5.37	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.37	<5.37	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.37	<5.37	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.37	<5.37	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.37	<5.37	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.37	<5.37	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.37	<5.37	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.37	<5.37	ug/kg dry	
1,4-Dioxane	123-91-1	26.9	<26.9	ug/kg dry	
Acetone	67-64-1	21.5	66.0	ug/kg dry	4.J
Benzene	71-43-2	5.37	<5.37	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.37	<5.37	ug/kg dry	4.K
Chlorobenzene	108-90-7	5.37	<5.37	ug/kg dry	
Chloroform	67-66-3	5.37	<5.37	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.37	<5.37	ug/kg dry	
Ethylbenzene	100-41-4	5.37	<5.37	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	10.7	<10.7	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.7	12.3	ug/kg dry	
Methylene Chloride	75-09-2	5.37	<5.37	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	5.37	<5.37	ug/kg dry	
n-Butylbenzene	104-51-8	5.37	<5.37	ug/kg dry	
n-Propylbenzene	103-65-1	5.37	<5.37	ug/kg dry	
o-Xylene	95-47-6	5.37	<5.37	ug/kg dry	
sec-Butylbenzene	135-98-8	5.37	<5.37	ug/kg dry	
tert-Butylbenzene	98-06-6	5.37	<5.37	ug/kg dry	
Tetrachloroethene	127-18-4	5.37	<5.37	ug/kg dry	
Toluene	108-88-3	5.37	<5.37	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.37	<5.37	ug/kg dry	
Trichloroethene	79-01-6	5.37	<5.37	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 12:45	Sample ID: B-4 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-07 % Solid:91.819
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.37	<5.37	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	124	72.1-142	
4-Bromofluorobenzene	460-00-4	117	76.1-131	
Dibromofluoromethane	1868-53-7	116	77.6-135	
Toluene-d8	2037-26-5	103	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	58	50-200	
1,4-Difluorobenzene	540-36-3	97	50-200	
Chlorobenzene-d5	3114-55-4	81	50-200	
Pentafluorobenzene	363-72-4	92	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 12:45	Sample ID: B-4 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-07 % Solid:91.819
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	327	<327	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	163	<163	ug/kg dry	
Acenaphthene	83-32-9	218	<218	ug/kg dry	
Acenaphthylene	208-96-8	163	<163	ug/kg dry	
Anthracene	120-12-7	218	<218	ug/kg dry	
Benzo(a)anthracene	56-55-3	163	791	ug/kg dry	
Benzo(a)pyrene	50-32-8	163	659	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	327	736	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	163	326	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	163	534	ug/kg dry	
Chrysene	218-01-9	218	784	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	163	<163	ug/kg dry	
Dibenzofuran	132-64-9	218	<218	ug/kg dry	
Fluoranthene	206-44-0	218	1450	ug/kg dry	
Fluorene	86-73-7	218	<218	ug/kg dry	
Hexachlorobenzene	118-74-1	218	<218	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	163	457	ug/kg dry	
Naphthalene	91-20-3	218	<218	ug/kg dry	
Pentachlorophenol	87-86-5	327	<327	ug/kg dry	
Phenanthrene	85-01-8	218	871	ug/kg dry	
Phenol	108-95-2	163	<163	ug/kg dry	
Pyrene	129-00-0	218	1240	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	75	28.3-111	
2-Fluorobiphenyl	321-60-8	63	30.1-118	
2-Fluorophenol	367-12-4	63	28.1-113	
Nitrobenzene-d5	4165-60-0	47	30.3-117	
Phenol-d6	13127-88-3	59	26.7-119	
Terphenyl-d14	1718-51-0	80	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	130	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 12:45	Sample ID: B-4 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-07 % Solid:91.819
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	125	50-200	
Chrysene-d12	1719-03-5	123	50-200	
Naphthalene-d8	1146-65-2	133	50-200	
Perylene-d12	1520-96-3	172	50-200	
Phenanthrene-d10	1517-22-2	128	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 12:45	Sample ID: B-4 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-07 % Solid:91.819
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.18	5.84	ug/kg dry	
4,4'-DDE	72-55-9	2.18	<2.18	ug/kg dry	
4,4'-DDT	50-29-3	2.18	<2.18	ug/kg dry	
Aldrin	309-00-2	2.18	3.55	ug/kg dry	
alpha-BHC	319-84-6	5.45	<5.45	ug/kg dry	
beta-BHC	319-85-7	5.45	<5.45	ug/kg dry	
cis-Chlordane	5103-71-9	5.45	<5.45	ug/kg dry	
delta-BHC	319-86-8	5.45	<5.45	ug/kg dry	
Dieldrin	60-57-1	2.18	<2.18	ug/kg dry	
Endosulfan I	959-98-8	5.45	<5.45	ug/kg dry	
Endosulfan II	33213-65-9	5.45	<5.45	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.45	<5.45	ug/kg dry	
Endrin	72-20-8	5.45	<5.45	ug/kg dry	
gamma-BHC	58-89-9	5.45	<5.45	ug/kg dry	
Heptachlor	76-44-8	5.45	<5.45	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	40	52.6-153	4.D
Tetrachloro-m-xylene	877-09-8	27	56.1-151	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	103	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 12:45	Sample ID: B-4 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-07 % Solid:91.819
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	54.5	<54.5	ug/kg dry	
Aroclor-1221	11104-28-2	54.5	<54.5	ug/kg dry	
Aroclor-1232	11141-16-5	54.5	<54.5	ug/kg dry	
Aroclor-1242	53469-21-9	54.5	<54.5	ug/kg dry	
Aroclor-1248	12672-29-6	54.5	<54.5	ug/kg dry	
Aroclor-1254	11097-69-1	54.5	<54.5	ug/kg dry	
Aroclor-1260	11096-82-5	54.5	<54.5	ug/kg dry	
Aroclor-1262	37324-23-5	54.5	<54.5	ug/kg dry	
Aroclor-1268	11100-14-4	54.5	<54.5	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	28	47.4-148	4.D
Tetrachloro-m-xylene	877-09-8	29	51.4-150	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	90	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 12:45	Sample ID: B-4 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-07 % Solid:91.819
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	27	<27	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 12:45	Sample ID: B-4 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-07 % Solid:91.819
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.67	2.16	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.57	94.4	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.67	<0.67	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.65	<1.65	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.67	9.35	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.67	65.7	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.67	110	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.67	189	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.67	10.5	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.33	<3.33	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.39	<0.39	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.67	112	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	1.05	<1.05	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	0.13	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:00	Sample ID: B-4 12-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-08 % Solid:78.704
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	6.06	<6.06	ug/kg dry	
1,1-Dichloroethane	75-34-3	6.06	<6.06	ug/kg dry	
1,1-Dichloroethene	75-35-4	6.06	<6.06	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	6.06	<6.06	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	6.06	<6.06	ug/kg dry	
1,2-Dichloroethane	107-06-2	6.06	<6.06	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	6.06	<6.06	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	6.06	<6.06	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	6.06	<6.06	ug/kg dry	
1,4-Dioxane	123-91-1	30.3	<30.3	ug/kg dry	
Acetone	67-64-1	24.2	<24.2	ug/kg dry	4.J
Benzene	71-43-2	6.06	<6.06	ug/kg dry	
Carbon Tetrachloride	56-23-5	6.06	<6.06	ug/kg dry	4.K
Chlorobenzene	108-90-7	6.06	<6.06	ug/kg dry	
Chloroform	67-66-3	6.06	<6.06	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	6.06	<6.06	ug/kg dry	
Ethylbenzene	100-41-4	6.06	<6.06	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	12.1	<12.1	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	12.1	<12.1	ug/kg dry	
Methylene Chloride	75-09-2	6.06	<6.06	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	6.06	<6.06	ug/kg dry	
n-Butylbenzene	104-51-8	6.06	<6.06	ug/kg dry	
n-Propylbenzene	103-65-1	6.06	<6.06	ug/kg dry	
o-Xylene	95-47-6	6.06	<6.06	ug/kg dry	
sec-Butylbenzene	135-98-8	6.06	<6.06	ug/kg dry	
tert-Butylbenzene	98-06-6	6.06	<6.06	ug/kg dry	
Tetrachloroethene	127-18-4	6.06	<6.06	ug/kg dry	
Toluene	108-88-3	6.06	<6.06	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	6.06	<6.06	ug/kg dry	
Trichloroethene	79-01-6	6.06	<6.06	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:00	Sample ID: B-4 12-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-08 % Solid:78.704
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	6.06	<6.06	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	120	72.1-142	
4-Bromofluorobenzene	460-00-4	99	76.1-131	
Dibromofluoromethane	1868-53-7	111	77.6-135	
Toluene-d8	2037-26-5	97	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	94	50-200	
1,4-Difluorobenzene	540-36-3	104	50-200	
Chlorobenzene-d5	3114-55-4	98	50-200	
Pentafluorobenzene	363-72-4	101	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:00	Sample ID: B-4 12-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-08 % Solid:78.704
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	381	<381	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	191	<191	ug/kg dry	
Acenaphthene	83-32-9	254	<254	ug/kg dry	
Acenaphthylene	208-96-8	191	<191	ug/kg dry	
Anthracene	120-12-7	254	<254	ug/kg dry	
Benzo(a)anthracene	56-55-3	191	<191	ug/kg dry	
Benzo(a)pyrene	50-32-8	191	<191	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	381	<381	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	191	<191	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	191	<191	ug/kg dry	
Chrysene	218-01-9	254	<254	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	191	<191	ug/kg dry	
Dibenzofuran	132-64-9	254	<254	ug/kg dry	
Fluoranthene	206-44-0	254	<254	ug/kg dry	
Fluorene	86-73-7	254	<254	ug/kg dry	
Hexachlorobenzene	118-74-1	254	<254	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	191	<191	ug/kg dry	
Naphthalene	91-20-3	254	<254	ug/kg dry	
Pentachlorophenol	87-86-5	381	<381	ug/kg dry	
Phenanthrene	85-01-8	254	<254	ug/kg dry	
Phenol	108-95-2	191	<191	ug/kg dry	
Pyrene	129-00-0	254	<254	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	70	28.3-111	
2-Fluorobiphenyl	321-60-8	51	30.1-118	
2-Fluorophenol	367-12-4	56	28.1-113	
Nitrobenzene-d5	4165-60-0	38	30.3-117	
Phenol-d6	13127-88-3	53	26.7-119	
Terphenyl-d14	1718-51-0	80	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	113	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:00	Sample ID: B-4 12-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-08 % Solid:78.704
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	113	50-200	
Chrysene-d12	1719-03-5	109	50-200	
Naphthalene-d8	1146-65-2	117	50-200	
Perylene-d12	1520-96-3	156	50-200	
Phenanthrene-d10	1517-22-2	112	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:00	Sample ID: B-4 12-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-08 % Solid:78.704
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.54	<2.54	ug/kg dry	
4,4'-DDE	72-55-9	2.54	<2.54	ug/kg dry	
4,4'-DDT	50-29-3	2.54	<2.54	ug/kg dry	
Aldrin	309-00-2	2.54	<2.54	ug/kg dry	
alpha-BHC	319-84-6	6.35	<6.35	ug/kg dry	
beta-BHC	319-85-7	6.35	<6.35	ug/kg dry	
cis-Chlordane	5103-71-9	6.35	<6.35	ug/kg dry	
delta-BHC	319-86-8	6.35	<6.35	ug/kg dry	
Dieldrin	60-57-1	2.54	<2.54	ug/kg dry	
Endosulfan I	959-98-8	6.35	<6.35	ug/kg dry	
Endosulfan II	33213-65-9	6.35	<6.35	ug/kg dry	
Endosulfan Sulfate	1031-07-8	6.35	<6.35	ug/kg dry	
Endrin	72-20-8	6.35	<6.35	ug/kg dry	
gamma-BHC	58-89-9	6.35	<6.35	ug/kg dry	
Heptachlor	76-44-8	6.35	<6.35	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	160	52.6-153	4.E
Tetrachloro-m-xylene	877-09-8	108	56.1-151	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	96	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:00	Sample ID: B-4 12-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-08 % Solid:78.704
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	63.5	<63.5	ug/kg dry	
Aroclor-1221	11104-28-2	63.5	<63.5	ug/kg dry	
Aroclor-1232	11141-16-5	63.5	<63.5	ug/kg dry	
Aroclor-1242	53469-21-9	63.5	<63.5	ug/kg dry	
Aroclor-1248	12672-29-6	63.5	<63.5	ug/kg dry	
Aroclor-1254	11097-69-1	63.5	<63.5	ug/kg dry	
Aroclor-1260	11096-82-5	63.5	<63.5	ug/kg dry	
Aroclor-1262	37324-23-5	63.5	<63.5	ug/kg dry	
Aroclor-1268	11100-14-4	63.5	<63.5	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	5	47.4-148	4.D
Tetrachloro-m-xylene	877-09-8	45	51.4-150	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	54	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:00	Sample ID: B-4 12-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-08 % Solid:78.704
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	32	<32	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 13:00	Sample ID: B-4 12-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-08 % Solid:78.704
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	2.05	<2.05	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	2.05	303	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.82	<0.82	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	2.05	<2.05	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	2.05	50.7	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	2.05	9.51	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	2.05	<2.05	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	20.5	441	mg/kg dry	3.E
Nickel	04/14/2022	EPA 6010 D	2.05	55.6	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	4.09	<4.09	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.51	<0.51	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	2.05	125	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.635	<0.635	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	<0.01	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.25	<0.25	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:30	Sample ID: B-5 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-09 % Solid:88.068
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.53	<5.53	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.53	<5.53	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.53	<5.53	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.53	<5.53	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.53	<5.53	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.53	<5.53	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.53	<5.53	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.53	<5.53	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.53	<5.53	ug/kg dry	
1,4-Dioxane	123-91-1	27.7	<27.7	ug/kg dry	
Acetone	67-64-1	22.1	<22.1	ug/kg dry	4.J
Benzene	71-43-2	5.53	<5.53	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.53	<5.53	ug/kg dry	4.K
Chlorobenzene	108-90-7	5.53	<5.53	ug/kg dry	
Chloroform	67-66-3	5.53	<5.53	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.53	<5.53	ug/kg dry	
Ethylbenzene	100-41-4	5.53	<5.53	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	11.1	<11.1	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	11.1	<11.1	ug/kg dry	
Methylene Chloride	75-09-2	5.53	<5.53	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	5.53	<5.53	ug/kg dry	
n-Butylbenzene	104-51-8	5.53	<5.53	ug/kg dry	
n-Propylbenzene	103-65-1	5.53	<5.53	ug/kg dry	
o-Xylene	95-47-6	5.53	<5.53	ug/kg dry	
sec-Butylbenzene	135-98-8	5.53	<5.53	ug/kg dry	
tert-Butylbenzene	98-06-6	5.53	<5.53	ug/kg dry	
Tetrachloroethene	127-18-4	5.53	<5.53	ug/kg dry	
Toluene	108-88-3	5.53	<5.53	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.53	<5.53	ug/kg dry	
Trichloroethene	79-01-6	5.53	<5.53	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:30	Sample ID: B-5 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-09 % Solid:88.068
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.53	<5.53	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	122	72.1-142	
4-Bromofluorobenzene	460-00-4	105	76.1-131	
Dibromofluoromethane	1868-53-7	108	77.6-135	
Toluene-d8	2037-26-5	99	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	75	50-200	
1,4-Difluorobenzene	540-36-3	93	50-200	
Chlorobenzene-d5	3114-55-4	84	50-200	
Pentafluorobenzene	363-72-4	93	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:30	Sample ID: B-5 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-09 % Solid:88.068
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	341	<341	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	170	<170	ug/kg dry	
Acenaphthene	83-32-9	227	<227	ug/kg dry	
Acenaphthylene	208-96-8	170	<170	ug/kg dry	
Anthracene	120-12-7	227	<227	ug/kg dry	
Benzo(a)anthracene	56-55-3	170	830	ug/kg dry	
Benzo(a)pyrene	50-32-8	170	729	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	341	774	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	170	369	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	170	525	ug/kg dry	
Chrysene	218-01-9	227	737	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	170	<170	ug/kg dry	
Dibenzofuran	132-64-9	227	<227	ug/kg dry	
Fluoranthene	206-44-0	227	1330	ug/kg dry	
Fluorene	86-73-7	227	<227	ug/kg dry	
Hexachlorobenzene	118-74-1	227	<227	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	170	485	ug/kg dry	
Naphthalene	91-20-3	227	<227	ug/kg dry	
Pentachlorophenol	87-86-5	341	<341	ug/kg dry	
Phenanthrene	85-01-8	227	622	ug/kg dry	
Phenol	108-95-2	170	<170	ug/kg dry	
Pyrene	129-00-0	227	1160	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	62	28.3-111	
2-Fluorobiphenyl	321-60-8	52	30.1-118	
2-Fluorophenol	367-12-4	43	28.1-113	
Nitrobenzene-d5	4165-60-0	38	30.3-117	
Phenol-d6	13127-88-3	45	26.7-119	
Terphenyl-d14	1718-51-0	70	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	130	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:30	Sample ID: B-5 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-09 % Solid:88.068
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	128	50-200	
Chrysene-d12	1719-03-5	123	50-200	
Naphthalene-d8	1146-65-2	134	50-200	
Perylene-d12	1520-96-3	162	50-200	
Phenanthrene-d10	1517-22-2	125	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:30	Sample ID: B-5 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-09 % Solid:88.068
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.27	4.54	ug/kg dry	
4,4'-DDE	72-55-9	2.27	<2.27	ug/kg dry	
4,4'-DDT	50-29-3	2.27	<2.27	ug/kg dry	
Aldrin	309-00-2	2.27	<2.27	ug/kg dry	
alpha-BHC	319-84-6	5.68	<5.68	ug/kg dry	
beta-BHC	319-85-7	5.68	<5.68	ug/kg dry	
cis-Chlordane	5103-71-9	5.68	<5.68	ug/kg dry	
delta-BHC	319-86-8	5.68	<5.68	ug/kg dry	
Dieldrin	60-57-1	2.27	<2.27	ug/kg dry	
Endosulfan I	959-98-8	5.68	<5.68	ug/kg dry	
Endosulfan II	33213-65-9	5.68	<5.68	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.68	<5.68	ug/kg dry	
Endrin	72-20-8	5.68	<5.68	ug/kg dry	
gamma-BHC	58-89-9	5.68	<5.68	ug/kg dry	
Heptachlor	76-44-8	5.68	<5.68	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	65	52.6-153	
Tetrachloro-m-xylene	877-09-8	45	56.1-151	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	87	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:30	Sample ID: B-5 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-09 % Solid:88.068
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	56.8	<56.8	ug/kg dry	
Aroclor-1221	11104-28-2	56.8	<56.8	ug/kg dry	
Aroclor-1232	11141-16-5	56.8	<56.8	ug/kg dry	
Aroclor-1242	53469-21-9	56.8	<56.8	ug/kg dry	
Aroclor-1248	12672-29-6	56.8	<56.8	ug/kg dry	
Aroclor-1254	11097-69-1	56.8	<56.8	ug/kg dry	
Aroclor-1260	11096-82-5	56.8	<56.8	ug/kg dry	
Aroclor-1262	37324-23-5	56.8	<56.8	ug/kg dry	
Aroclor-1268	11100-14-4	56.8	<56.8	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	42	47.4-148	4.D
Tetrachloro-m-xylene	877-09-8	39	51.4-150	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	97	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:30	Sample ID: B-5 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-09 % Solid:88.068
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	28	<28	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:30	Sample ID: B-5 0-4
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-09 % Solid:88.068
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.90	<1.90	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.90	86.0	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.76	<0.76	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.90	<1.90	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.90	15.1	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.90	29.5	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.90	212	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.90	266	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.90	11.0	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.78	<3.78	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.47	<0.47	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.90	115	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	1.14	<1.14	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.02	0.85	mg/kg dry	4.A, 4.F

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.23	<0.23	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:48	Sample ID: B-5 14-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-10 % Solid:91.513
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	1370	<1370	ug/kg dry	3.C
1,1-Dichloroethane	75-34-3	1370	<1370	ug/kg dry	3.C
1,1-Dichloroethene	75-35-4	1370	<1370	ug/kg dry	3.C
1,2,4-Trimethylbenzene	95-63-6	1370	<1370	ug/kg dry	3.C
1,2-Dichlorobenzene	95-50-1	1370	<1370	ug/kg dry	3.C
1,2-Dichloroethane	107-06-2	1370	<1370	ug/kg dry	3.C
1,3,5-Trimethylbenzene	108-67-8	1370	<1370	ug/kg dry	3.C
1,3-Dichlorobenzene	541-73-1	1370	<1370	ug/kg dry	3.C
1,4-Dichlorobenzene	106-46-7	1370	<1370	ug/kg dry	3.C
1,4-Dioxane	123-91-1	6830	<6830	ug/kg dry	3.C
Acetone	67-64-1	5460	<5460	ug/kg dry	3.C, 4.J
Benzene	71-43-2	1370	<1370	ug/kg dry	3.C
Carbon Tetrachloride	56-23-5	1370	<1370	ug/kg dry	4.K, 3.C
Chlorobenzene	108-90-7	1370	<1370	ug/kg dry	3.C
Chloroform	67-66-3	1370	<1370	ug/kg dry	3.C
cis-1,2-Dichloroethene	156-59-2	1370	<1370	ug/kg dry	3.C
Ethylbenzene	100-41-4	1370	<1370	ug/kg dry	3.C
m,p-Xylenes	108-38-3/106-42-3	2730	<2730	ug/kg dry	3.C
Methyl Ethyl Ketone (2-Butanone)	78-93-3	2730	<2730	ug/kg dry	3.C
Methylene Chloride	75-09-2	1370	<1370	ug/kg dry	3.C
Methyl-tert-Butyl Ether	1634-04-4	1370	<1370	ug/kg dry	3.C
n-Butylbenzene	104-51-8	1370	<1370	ug/kg dry	3.C
n-Propylbenzene	103-65-1	1370	<1370	ug/kg dry	3.C
o-Xylene	95-47-6	1370	<1370	ug/kg dry	3.C
sec-Butylbenzene	135-98-8	1370	<1370	ug/kg dry	3.C
tert-Butylbenzene	98-06-6	1370	<1370	ug/kg dry	3.C
Tetrachloroethene	127-18-4	1370	<1370	ug/kg dry	3.C
Toluene	108-88-3	1370	<1370	ug/kg dry	3.C
trans-1,2-Dichloroethene	156-60-5	1370	<1370	ug/kg dry	3.C
Trichloroethene	79-01-6	1370	<1370	ug/kg dry	3.C

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:48	Sample ID: B-5 14-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-10 % Solid:91.513
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	1370	<1370	ug/kg dry	3.C

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	115	72.1-142	
4-Bromofluorobenzene	460-00-4	102	76.1-131	
Dibromofluoromethane	1868-53-7	105	77.6-135	
Toluene-d8	2037-26-5	94	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	100	50-200	
1,4-Difluorobenzene	540-36-3	109	50-200	
Chlorobenzene-d5	3114-55-4	106	50-200	
Pentafluorobenzene	363-72-4	110	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:48	Sample ID: B-5 14-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-10 % Solid:91.513
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	983	<983	ug/kg dry	3.A
3/4-Methylphenol	108-39-4/106-44-5	492	<492	ug/kg dry	3.A
Acenaphthene	83-32-9	656	<656	ug/kg dry	3.A
Acenaphthylene	208-96-8	492	<492	ug/kg dry	3.A
Anthracene	120-12-7	656	<656	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	492	<492	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	492	<492	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	983	<983	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	492	<492	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	492	<492	ug/kg dry	3.A
Chrysene	218-01-9	656	<656	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	492	<492	ug/kg dry	3.A
Dibenzofuran	132-64-9	656	<656	ug/kg dry	3.A
Fluoranthene	206-44-0	656	<656	ug/kg dry	3.A
Fluorene	86-73-7	656	<656	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	656	<656	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	492	<492	ug/kg dry	3.A
Naphthalene	91-20-3	656	<656	ug/kg dry	3.A
Pentachlorophenol	87-86-5	983	<983	ug/kg dry	3.A
Phenanthrene	85-01-8	656	<656	ug/kg dry	3.A
Phenol	108-95-2	492	<492	ug/kg dry	3.A
Pyrene	129-00-0	656	<656	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	61	28.3-111	
2-Fluorobiphenyl	321-60-8	66	30.1-118	
2-Fluorophenol	367-12-4	63	28.1-113	
Nitrobenzene-d5	4165-60-0	48	30.3-117	
Phenol-d6	13127-88-3	58	26.7-119	
Terphenyl-d14	1718-51-0	83	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	115	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:48	Sample ID: B-5 14-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-10 % Solid:91.513
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	111	50-200	
Chrysene-d12	1719-03-5	106	50-200	
Naphthalene-d8	1146-65-2	115	50-200	
Perylene-d12	1520-96-3	144	50-200	
Phenanthrene-d10	1517-22-2	109	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:48	Sample ID: B-5 14-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-10 % Solid:91.513
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.19	<2.19	ug/kg dry	
4,4'-DDE	72-55-9	2.19	<2.19	ug/kg dry	
4,4'-DDT	50-29-3	2.19	<2.19	ug/kg dry	
Aldrin	309-00-2	2.19	<2.19	ug/kg dry	
alpha-BHC	319-84-6	5.46	<5.46	ug/kg dry	
beta-BHC	319-85-7	5.46	<5.46	ug/kg dry	
cis-Chlordane	5103-71-9	5.46	<5.46	ug/kg dry	
delta-BHC	319-86-8	5.46	<5.46	ug/kg dry	
Dieldrin	60-57-1	2.19	<2.19	ug/kg dry	
Endosulfan I	959-98-8	5.46	<5.46	ug/kg dry	
Endosulfan II	33213-65-9	5.46	<5.46	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.46	<5.46	ug/kg dry	
Endrin	72-20-8	5.46	<5.46	ug/kg dry	
gamma-BHC	58-89-9	5.46	<5.46	ug/kg dry	
Heptachlor	76-44-8	5.46	<5.46	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	88	52.6-153	
Tetrachloro-m-xylene	877-09-8	55	56.1-151	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	96	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:48	Sample ID: B-5 14-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-10 % Solid:91.513
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	54.6	<54.6	ug/kg dry	
Aroclor-1221	11104-28-2	54.6	<54.6	ug/kg dry	
Aroclor-1232	11141-16-5	54.6	<54.6	ug/kg dry	
Aroclor-1242	53469-21-9	54.6	<54.6	ug/kg dry	
Aroclor-1248	12672-29-6	54.6	<54.6	ug/kg dry	
Aroclor-1254	11097-69-1	54.6	<54.6	ug/kg dry	
Aroclor-1260	11096-82-5	54.6	<54.6	ug/kg dry	
Aroclor-1262	37324-23-5	54.6	<54.6	ug/kg dry	
Aroclor-1268	11100-14-4	54.6	<54.6	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	57	47.4-148	
Tetrachloro-m-xylene	877-09-8	52	51.4-150	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	100	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:48	Sample ID: B-5 14-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-10 % Solid:91.513
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	27	<27	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 11:48	Sample ID: B-5 14-16
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-10 % Solid:91.513
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.67	<1.67	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.65	70.8	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.67	<0.67	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.65	<1.65	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.67	21.0	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.67	14.7	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.67	2.39	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.67	263	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.67	17.9	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.33	<3.33	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.41	<0.41	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.67	23.6	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.542	<0.542	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	<0.01	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 09:48	Sample ID: B-7 6-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-11 % Solid:88.934
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5620	<5620	ug/kg dry	3.C
1,1-Dichloroethane	75-34-3	5620	<5620	ug/kg dry	3.C
1,1-Dichloroethene	75-35-4	5620	<5620	ug/kg dry	3.C
1,2,4-Trimethylbenzene	95-63-6	5620	<5620	ug/kg dry	3.C
1,2-Dichlorobenzene	95-50-1	5620	<5620	ug/kg dry	3.C
1,2-Dichloroethane	107-06-2	5620	<5620	ug/kg dry	3.C
1,3,5-Trimethylbenzene	108-67-8	5620	<5620	ug/kg dry	3.C
1,3-Dichlorobenzene	541-73-1	5620	<5620	ug/kg dry	3.C
1,4-Dichlorobenzene	106-46-7	5620	<5620	ug/kg dry	3.C
1,4-Dioxane	123-91-1	28100	<28100	ug/kg dry	3.C
Acetone	67-64-1	22500	<22500	ug/kg dry	3.C, 4.J
Benzene	71-43-2	5620	<5620	ug/kg dry	3.C
Carbon Tetrachloride	56-23-5	5620	<5620	ug/kg dry	4.K, 3.C
Chlorobenzene	108-90-7	5620	<5620	ug/kg dry	3.C
Chloroform	67-66-3	5620	<5620	ug/kg dry	3.C
cis-1,2-Dichloroethene	156-59-2	5620	<5620	ug/kg dry	3.C
Ethylbenzene	100-41-4	5620	<5620	ug/kg dry	3.C
m,p-Xylenes	108-38-3/106-42-3	11200	<11200	ug/kg dry	3.C
Methyl Ethyl Ketone (2-Butanone)	78-93-3	11200	<11200	ug/kg dry	3.C
Methylene Chloride	75-09-2	5620	<5620	ug/kg dry	3.C
Methyl-tert-Butyl Ether	1634-04-4	5620	<5620	ug/kg dry	3.C
n-Butylbenzene	104-51-8	5620	<5620	ug/kg dry	3.C
n-Propylbenzene	103-65-1	5620	<5620	ug/kg dry	3.C
o-Xylene	95-47-6	5620	<5620	ug/kg dry	3.C
sec-Butylbenzene	135-98-8	5620	<5620	ug/kg dry	3.C
tert-Butylbenzene	98-06-6	5620	<5620	ug/kg dry	3.C
Tetrachloroethene	127-18-4	5620	<5620	ug/kg dry	3.C
Toluene	108-88-3	5620	<5620	ug/kg dry	3.C
trans-1,2-Dichloroethene	156-60-5	5620	<5620	ug/kg dry	3.C
Trichloroethene	79-01-6	5620	<5620	ug/kg dry	3.C

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 09:48	Sample ID: B-7 6-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-11 % Solid:88.934
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5620	<5620	ug/kg dry	3.C

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	121	72.1-142	
4-Bromofluorobenzene	460-00-4	100	76.1-131	
Dibromofluoromethane	1868-53-7	109	77.6-135	
Toluene-d8	2037-26-5	94	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	101	50-200	
1,4-Difluorobenzene	540-36-3	100	50-200	
Chlorobenzene-d5	3114-55-4	100	50-200	
Pentafluorobenzene	363-72-4	97	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 09:48	Sample ID: B-7 6-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-11 % Solid:88.934
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	1010	<1010	ug/kg dry	3.A
3/4-Methylphenol	108-39-4/106-44-5	506	<506	ug/kg dry	3.A
Acenaphthene	83-32-9	675	<675	ug/kg dry	3.A
Acenaphthylene	208-96-8	506	<506	ug/kg dry	3.A
Anthracene	120-12-7	675	<675	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	506	<506	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	506	<506	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	1010	<1010	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	506	<506	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	506	<506	ug/kg dry	3.A
Chrysene	218-01-9	675	<675	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	506	<506	ug/kg dry	3.A
Dibenzofuran	132-64-9	675	<675	ug/kg dry	3.A
Fluoranthene	206-44-0	675	<675	ug/kg dry	3.A
Fluorene	86-73-7	675	<675	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	675	<675	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	506	<506	ug/kg dry	3.A
Naphthalene	91-20-3	675	<675	ug/kg dry	3.A
Pentachlorophenol	87-86-5	1010	<1010	ug/kg dry	3.A
Phenanthrene	85-01-8	675	<675	ug/kg dry	3.A
Phenol	108-95-2	506	<506	ug/kg dry	3.A
Pyrene	129-00-0	675	<675	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	71	28.3-111	
2-Fluorobiphenyl	321-60-8	64	30.1-118	
2-Fluorophenol	367-12-4	61	28.1-113	
Nitrobenzene-d5	4165-60-0	53	30.3-117	
Phenol-d6	13127-88-3	56	26.7-119	
Terphenyl-d14	1718-51-0	83	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	118	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 09:48	Sample ID: B-7 6-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-11 % Solid:88.934
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	117	50-200	
Chrysene-d12	1719-03-5	107	50-200	
Naphthalene-d8	1146-65-2	116	50-200	
Perylene-d12	1520-96-3	140	50-200	
Phenanthrene-d10	1517-22-2	113	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 09:48	Sample ID: B-7 6-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-11 % Solid:88.934
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.25	<2.25	ug/kg dry	
4,4'-DDE	72-55-9	2.25	<2.25	ug/kg dry	
4,4'-DDT	50-29-3	2.25	<2.25	ug/kg dry	
Aldrin	309-00-2	2.25	62.0	ug/kg dry	
alpha-BHC	319-84-6	5.62	18.8	ug/kg dry	
beta-BHC	319-85-7	5.62	<5.62	ug/kg dry	
cis-Chlordane	5103-71-9	5.62	<5.62	ug/kg dry	
delta-BHC	319-86-8	5.62	<5.62	ug/kg dry	
Dieldrin	60-57-1	2.25	<2.25	ug/kg dry	
Endosulfan I	959-98-8	5.62	<5.62	ug/kg dry	
Endosulfan II	33213-65-9	5.62	<5.62	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.62	<5.62	ug/kg dry	
Endrin	72-20-8	5.62	<5.62	ug/kg dry	
gamma-BHC	58-89-9	5.62	<5.62	ug/kg dry	
Heptachlor	76-44-8	5.62	<5.62	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	123	52.6-153	
Tetrachloro-m-xylene	877-09-8	81	56.1-151	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	78	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 09:48	Sample ID: B-7 6-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-11 % Solid:88.934
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	56.2	<56.2	ug/kg dry	
Aroclor-1221	11104-28-2	56.2	<56.2	ug/kg dry	
Aroclor-1232	11141-16-5	56.2	<56.2	ug/kg dry	
Aroclor-1242	53469-21-9	56.2	<56.2	ug/kg dry	
Aroclor-1248	12672-29-6	56.2	<56.2	ug/kg dry	
Aroclor-1254	11097-69-1	56.2	<56.2	ug/kg dry	
Aroclor-1260	11096-82-5	56.2	<56.2	ug/kg dry	
Aroclor-1262	37324-23-5	56.2	<56.2	ug/kg dry	
Aroclor-1268	11100-14-4	56.2	<56.2	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	88	47.4-148	
Tetrachloro-m-xylene	877-09-8	75	51.4-150	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	86	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 09:48	Sample ID: B-7 6-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-11 % Solid:88.934
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	28	<28	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 09:48	Sample ID: B-7 6-8
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-11 % Solid:88.934
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.67	<1.67	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.63	56.2	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.67	<0.67	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.65	<1.65	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.67	13.7	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.67	14.4	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.67	2.75	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	16.3	371	mg/kg dry	3.E
Nickel	04/14/2022	EPA 6010 D	1.67	13.9	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.33	<3.33	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.41	<0.41	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.67	22.4	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	1.06	<1.06	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.02	<0.02	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 10:07	Sample ID: B-7 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-12 % Solid:90.952
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	1370	<1370	ug/kg dry	3.C
1,1-Dichloroethane	75-34-3	1370	<1370	ug/kg dry	3.C
1,1-Dichloroethene	75-35-4	1370	<1370	ug/kg dry	3.C
1,2,4-Trimethylbenzene	95-63-6	1370	<1370	ug/kg dry	3.C
1,2-Dichlorobenzene	95-50-1	1370	<1370	ug/kg dry	3.C
1,2-Dichloroethane	107-06-2	1370	<1370	ug/kg dry	3.C
1,3,5-Trimethylbenzene	108-67-8	1370	<1370	ug/kg dry	3.C
1,3-Dichlorobenzene	541-73-1	1370	<1370	ug/kg dry	3.C
1,4-Dichlorobenzene	106-46-7	1370	<1370	ug/kg dry	3.C
1,4-Dioxane	123-91-1	6870	<6870	ug/kg dry	3.C
Acetone	67-64-1	5500	<5500	ug/kg dry	3.C, 4.J
Benzene	71-43-2	1370	<1370	ug/kg dry	3.C
Carbon Tetrachloride	56-23-5	1370	<1370	ug/kg dry	4.K, 3.C
Chlorobenzene	108-90-7	1370	<1370	ug/kg dry	3.C
Chloroform	67-66-3	1370	<1370	ug/kg dry	3.C
cis-1,2-Dichloroethene	156-59-2	1370	<1370	ug/kg dry	3.C
Ethylbenzene	100-41-4	1370	<1370	ug/kg dry	3.C
m,p-Xylenes	108-38-3/106-42-3	2750	<2750	ug/kg dry	3.C
Methyl Ethyl Ketone (2-Butanone)	78-93-3	2750	<2750	ug/kg dry	3.C
Methylene Chloride	75-09-2	1370	<1370	ug/kg dry	3.C
Methyl-tert-Butyl Ether	1634-04-4	1370	<1370	ug/kg dry	3.C
n-Butylbenzene	104-51-8	1370	<1370	ug/kg dry	3.C
n-Propylbenzene	103-65-1	1370	<1370	ug/kg dry	3.C
o-Xylene	95-47-6	1370	<1370	ug/kg dry	3.C
sec-Butylbenzene	135-98-8	1370	<1370	ug/kg dry	3.C
tert-Butylbenzene	98-06-6	1370	<1370	ug/kg dry	3.C
Tetrachloroethene	127-18-4	1370	<1370	ug/kg dry	3.C
Toluene	108-88-3	1370	<1370	ug/kg dry	3.C
trans-1,2-Dichloroethene	156-60-5	1370	<1370	ug/kg dry	3.C
Trichloroethene	79-01-6	1370	<1370	ug/kg dry	3.C

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 10:07	Sample ID: B-7 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-12 % Solid:90.952
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	1370	<1370	ug/kg dry	3.C

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	111	72.1-142	
4-Bromofluorobenzene	460-00-4	103	76.1-131	
Dibromofluoromethane	1868-53-7	101	77.6-135	
Toluene-d8	2037-26-5	94	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	97	50-200	
1,4-Difluorobenzene	540-36-3	103	50-200	
Chlorobenzene-d5	3114-55-4	101	50-200	
Pentafluorobenzene	363-72-4	103	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 10:07	Sample ID: B-7 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-12 % Solid:90.952
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	990	<990	ug/kg dry	3.A
3/4-Methylphenol	108-39-4/106-44-5	495	<495	ug/kg dry	3.A
Acenaphthene	83-32-9	660	<660	ug/kg dry	3.A
Acenaphthylene	208-96-8	495	<495	ug/kg dry	3.A
Anthracene	120-12-7	660	<660	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	495	<495	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	495	<495	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	990	<990	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	495	<495	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	495	<495	ug/kg dry	3.A
Chrysene	218-01-9	660	<660	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	495	<495	ug/kg dry	3.A
Dibenzofuran	132-64-9	660	<660	ug/kg dry	3.A
Fluoranthene	206-44-0	660	<660	ug/kg dry	3.A
Fluorene	86-73-7	660	<660	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	660	<660	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	495	<495	ug/kg dry	3.A
Naphthalene	91-20-3	660	<660	ug/kg dry	3.A
Pentachlorophenol	87-86-5	990	<990	ug/kg dry	3.A
Phenanthrene	85-01-8	660	<660	ug/kg dry	3.A
Phenol	108-95-2	495	<495	ug/kg dry	3.A
Pyrene	129-00-0	660	<660	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	56	28.3-111	
2-Fluorobiphenyl	321-60-8	67	30.1-118	
2-Fluorophenol	367-12-4	63	28.1-113	
Nitrobenzene-d5	4165-60-0	52	30.3-117	
Phenol-d6	13127-88-3	56	26.7-119	
Terphenyl-d14	1718-51-0	86	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	108	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 10:07	Sample ID: B-7 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-12 % Solid:90.952
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	104	50-200	
Chrysene-d12	1719-03-5	97	50-200	
Naphthalene-d8	1146-65-2	109	50-200	
Perylene-d12	1520-96-3	130	50-200	
Phenanthrene-d10	1517-22-2	101	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/12/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 10:07	Sample ID: B-7 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-12 % Solid:90.952
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.20	<2.20	ug/kg dry	
4,4'-DDE	72-55-9	2.20	<2.20	ug/kg dry	
4,4'-DDT	50-29-3	2.20	<2.20	ug/kg dry	
Aldrin	309-00-2	2.20	<2.20	ug/kg dry	
alpha-BHC	319-84-6	5.50	<5.50	ug/kg dry	
beta-BHC	319-85-7	5.50	<5.50	ug/kg dry	
cis-Chlordane	5103-71-9	5.50	<5.50	ug/kg dry	
delta-BHC	319-86-8	5.50	<5.50	ug/kg dry	
Dieldrin	60-57-1	2.20	<2.20	ug/kg dry	
Endosulfan I	959-98-8	5.50	<5.50	ug/kg dry	
Endosulfan II	33213-65-9	5.50	<5.50	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.50	<5.50	ug/kg dry	
Endrin	72-20-8	5.50	<5.50	ug/kg dry	
gamma-BHC	58-89-9	5.50	<5.50	ug/kg dry	
Heptachlor	76-44-8	5.50	<5.50	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	48	52.6-153	4.D
Tetrachloro-m-xylene	877-09-8	33	56.1-151	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	94	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 10:07	Sample ID: B-7 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-12 % Solid:90.952
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	55.0	<55.0	ug/kg dry	
Aroclor-1221	11104-28-2	55.0	<55.0	ug/kg dry	
Aroclor-1232	11141-16-5	55.0	<55.0	ug/kg dry	
Aroclor-1242	53469-21-9	55.0	<55.0	ug/kg dry	
Aroclor-1248	12672-29-6	55.0	<55.0	ug/kg dry	
Aroclor-1254	11097-69-1	55.0	<55.0	ug/kg dry	
Aroclor-1260	11096-82-5	55.0	<55.0	ug/kg dry	
Aroclor-1262	37324-23-5	55.0	<55.0	ug/kg dry	
Aroclor-1268	11100-14-4	55.0	<55.0	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	37	47.4-148	4.D
Tetrachloro-m-xylene	877-09-8	37	51.4-150	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	78	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 10:07	Sample ID: B-7 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-12 % Solid:90.952
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	27	<27	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 10:07	Sample ID: B-7 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-12 % Solid:90.952
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.67	<1.67	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.61	27.5	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.67	<0.67	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.65	<1.65	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.67	8.44	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.67	7.50	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.67	1.74	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	16.1	311	mg/kg dry	3.E
Nickel	04/14/2022	EPA 6010 D	1.67	7.73	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.33	<3.33	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.40	<0.40	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.67	10.3	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.545	<0.545	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.01	<0.01	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:00	Sample ID: B-8 4-6
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-13 % Solid:89.469
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.32	<5.32	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.32	<5.32	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.32	<5.32	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.32	<5.32	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.32	<5.32	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.32	<5.32	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.32	<5.32	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.32	<5.32	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.32	<5.32	ug/kg dry	
1,4-Dioxane	123-91-1	26.6	<26.6	ug/kg dry	
Acetone	67-64-1	21.3	<21.3	ug/kg dry	4.J
Benzene	71-43-2	5.32	<5.32	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.32	<5.32	ug/kg dry	4.K
Chlorobenzene	108-90-7	5.32	<5.32	ug/kg dry	
Chloroform	67-66-3	5.32	<5.32	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.32	<5.32	ug/kg dry	
Ethylbenzene	100-41-4	5.32	<5.32	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	10.6	<10.6	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.6	<10.6	ug/kg dry	
Methylene Chloride	75-09-2	5.32	<5.32	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	5.32	<5.32	ug/kg dry	
n-Butylbenzene	104-51-8	5.32	<5.32	ug/kg dry	
n-Propylbenzene	103-65-1	5.32	<5.32	ug/kg dry	
o-Xylene	95-47-6	5.32	<5.32	ug/kg dry	
sec-Butylbenzene	135-98-8	5.32	<5.32	ug/kg dry	
tert-Butylbenzene	98-06-6	5.32	<5.32	ug/kg dry	
Tetrachloroethene	127-18-4	5.32	<5.32	ug/kg dry	
Toluene	108-88-3	5.32	<5.32	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.32	<5.32	ug/kg dry	
Trichloroethene	79-01-6	5.32	<5.32	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:00	Sample ID: B-8 4-6
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-13 % Solid:89.469
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.32	<5.32	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	115	72.1-142	
4-Bromofluorobenzene	460-00-4	100	76.1-131	
Dibromofluoromethane	1868-53-7	105	77.6-135	
Toluene-d8	2037-26-5	96	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	94	50-200	
1,4-Difluorobenzene	540-36-3	101	50-200	
Chlorobenzene-d5	3114-55-4	96	50-200	
Pentafluorobenzene	363-72-4	101	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:00	Sample ID: B-8 4-6
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-13 % Solid:89.469
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	335	<335	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	168	<168	ug/kg dry	
Acenaphthene	83-32-9	224	<224	ug/kg dry	
Acenaphthylene	208-96-8	168	<168	ug/kg dry	
Anthracene	120-12-7	224	<224	ug/kg dry	
Benzo(a)anthracene	56-55-3	168	<168	ug/kg dry	
Benzo(a)pyrene	50-32-8	168	<168	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	335	<335	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	168	<168	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	168	<168	ug/kg dry	
Chrysene	218-01-9	224	<224	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	168	<168	ug/kg dry	
Dibenzofuran	132-64-9	224	<224	ug/kg dry	
Fluoranthene	206-44-0	224	<224	ug/kg dry	
Fluorene	86-73-7	224	<224	ug/kg dry	
Hexachlorobenzene	118-74-1	224	<224	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	168	<168	ug/kg dry	
Naphthalene	91-20-3	224	<224	ug/kg dry	
Pentachlorophenol	87-86-5	335	<335	ug/kg dry	
Phenanthrene	85-01-8	224	<224	ug/kg dry	
Phenol	108-95-2	168	<168	ug/kg dry	
Pyrene	129-00-0	224	<224	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	64	28.3-111	
2-Fluorobiphenyl	321-60-8	57	30.1-118	
2-Fluorophenol	367-12-4	54	28.1-113	
Nitrobenzene-d5	4165-60-0	44	30.3-117	
Phenol-d6	13127-88-3	54	26.7-119	
Terphenyl-d14	1718-51-0	78	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	113	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:00	Sample ID: B-8 4-6
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-13 % Solid:89.469
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	109	50-200	
Chrysene-d12	1719-03-5	103	50-200	
Naphthalene-d8	1146-65-2	113	50-200	
Perylene-d12	1520-96-3	135	50-200	
Phenanthrene-d10	1517-22-2	108	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:00	Sample ID: B-8 4-6
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-13 % Solid:89.469
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.24	<2.24	ug/kg dry	
4,4'-DDE	72-55-9	2.24	<2.24	ug/kg dry	
4,4'-DDT	50-29-3	2.24	<2.24	ug/kg dry	
Aldrin	309-00-2	2.24	<2.24	ug/kg dry	
alpha-BHC	319-84-6	5.59	<5.59	ug/kg dry	
beta-BHC	319-85-7	5.59	<5.59	ug/kg dry	
cis-Chlordane	5103-71-9	5.59	<5.59	ug/kg dry	
delta-BHC	319-86-8	5.59	<5.59	ug/kg dry	
Dieldrin	60-57-1	2.24	<2.24	ug/kg dry	
Endosulfan I	959-98-8	5.59	<5.59	ug/kg dry	
Endosulfan II	33213-65-9	5.59	<5.59	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.59	<5.59	ug/kg dry	
Endrin	72-20-8	5.59	<5.59	ug/kg dry	
gamma-BHC	58-89-9	5.59	<5.59	ug/kg dry	
Heptachlor	76-44-8	5.59	<5.59	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	137	52.6-153	
Tetrachloro-m-xylene	877-09-8	98	56.1-151	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	100	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:00	Sample ID: B-8 4-6
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-13 % Solid:89.469
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	55.9	<55.9	ug/kg dry	
Aroclor-1221	11104-28-2	55.9	<55.9	ug/kg dry	
Aroclor-1232	11141-16-5	55.9	<55.9	ug/kg dry	
Aroclor-1242	53469-21-9	55.9	<55.9	ug/kg dry	
Aroclor-1248	12672-29-6	55.9	<55.9	ug/kg dry	
Aroclor-1254	11097-69-1	55.9	<55.9	ug/kg dry	
Aroclor-1260	11096-82-5	55.9	<55.9	ug/kg dry	
Aroclor-1262	37324-23-5	55.9	<55.9	ug/kg dry	
Aroclor-1268	11100-14-4	55.9	<55.9	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	108	47.4-148	
Tetrachloro-m-xylene	877-09-8	97	51.4-150	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	88	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:00	Sample ID: B-8 4-6
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-13 % Solid:89.469
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	28	<28	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:00	Sample ID: B-8 4-6
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-13 % Solid:89.469
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.67	<1.67	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.66	51.6	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.67	<0.67	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.66	<1.66	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.67	17.4	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.67	18.6	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.67	3.64	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	16.6	402	mg/kg dry	3.E
Nickel	04/14/2022	EPA 6010 D	1.67	11.4	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.33	<3.33	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.41	<0.41	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.67	17.4	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.553	<0.553	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.02	<0.02	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: Distillation Prep

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:35	Sample ID: B-8 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-14 % Solid:90.419
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1-Trichloroethane	71-55-6	5.45	<5.45	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.45	<5.45	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.45	<5.45	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.45	<5.45	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.45	<5.45	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.45	<5.45	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.45	<5.45	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.45	<5.45	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.45	<5.45	ug/kg dry	
1,4-Dioxane	123-91-1	27.3	<27.3	ug/kg dry	
Acetone	67-64-1	21.8	<21.8	ug/kg dry	4.J
Benzene	71-43-2	5.45	<5.45	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.45	<5.45	ug/kg dry	4.K
Chlorobenzene	108-90-7	5.45	<5.45	ug/kg dry	
Chloroform	67-66-3	5.45	<5.45	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.45	<5.45	ug/kg dry	
Ethylbenzene	100-41-4	5.45	<5.45	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	10.9	<10.9	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.9	<10.9	ug/kg dry	
Methylene Chloride	75-09-2	5.45	<5.45	ug/kg dry	
Methyl-tert-Butyl Ether	1634-04-4	5.45	<5.45	ug/kg dry	
n-Butylbenzene	104-51-8	5.45	<5.45	ug/kg dry	
n-Propylbenzene	103-65-1	5.45	<5.45	ug/kg dry	
o-Xylene	95-47-6	5.45	<5.45	ug/kg dry	
sec-Butylbenzene	135-98-8	5.45	<5.45	ug/kg dry	
tert-Butylbenzene	98-06-6	5.45	<5.45	ug/kg dry	
Tetrachloroethene	127-18-4	5.45	<5.45	ug/kg dry	
Toluene	108-88-3	5.45	<5.45	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.45	<5.45	ug/kg dry	
Trichloroethene	79-01-6	5.45	<5.45	ug/kg dry	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:35	Sample ID: B-8 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-14 % Solid:90.419
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Vinyl chloride	75-01-4	5.45	<5.45	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	114	72.1-142	
4-Bromofluorobenzene	460-00-4	98	76.1-131	
Dibromofluoromethane	1868-53-7	107	77.6-135	
Toluene-d8	2037-26-5	99	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	95	50-200	
1,4-Difluorobenzene	540-36-3	105	50-200	
Chlorobenzene-d5	3114-55-4	97	50-200	
Pentafluorobenzene	363-72-4	105	50-200	

Date Prepared: 04/08/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 04/08/2022

Analytical Method: EPA 8260 D

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:35	Sample ID: B-8 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-14 % Solid:90.419
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2-Methylphenol	95-48-7	332	<332	ug/kg dry	
3/4-Methylphenol	108-39-4/106-44-5	166	<166	ug/kg dry	
Acenaphthene	83-32-9	221	<221	ug/kg dry	
Acenaphthylene	208-96-8	166	<166	ug/kg dry	
Anthracene	120-12-7	221	<221	ug/kg dry	
Benzo(a)anthracene	56-55-3	166	<166	ug/kg dry	
Benzo(a)pyrene	50-32-8	166	<166	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	332	<332	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	166	<166	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	166	<166	ug/kg dry	
Chrysene	218-01-9	221	<221	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	166	<166	ug/kg dry	
Dibenzofuran	132-64-9	221	<221	ug/kg dry	
Fluoranthene	206-44-0	221	<221	ug/kg dry	
Fluorene	86-73-7	221	<221	ug/kg dry	
Hexachlorobenzene	118-74-1	221	<221	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	166	<166	ug/kg dry	
Naphthalene	91-20-3	221	<221	ug/kg dry	
Pentachlorophenol	87-86-5	332	<332	ug/kg dry	
Phenanthrene	85-01-8	221	<221	ug/kg dry	
Phenol	108-95-2	166	<166	ug/kg dry	
Pyrene	129-00-0	221	<221	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	64	28.3-111	
2-Fluorobiphenyl	321-60-8	55	30.1-118	
2-Fluorophenol	367-12-4	54	28.1-113	
Nitrobenzene-d5	4165-60-0	39	30.3-117	
Phenol-d6	13127-88-3	51	26.7-119	
Terphenyl-d14	1718-51-0	77	31.4-136	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	113	50-200	

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:35	Sample ID: B-8 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-14 % Solid:90.419
Matrix: Soil	ELAP: #11693

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Acenaphthene-d10	15067-26-2	109	50-200	
Chrysene-d12	1719-03-5	101	50-200	
Naphthalene-d8	1146-65-2	113	50-200	
Perylene-d12	1520-96-3	136	50-200	
Phenanthrene-d10	1517-22-2	108	50-200	

Date Prepared: 04/11/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8270 E

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:35	Sample ID: B-8 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-14 % Solid:90.419
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.21	<2.21	ug/kg dry	
4,4'-DDE	72-55-9	2.21	<2.21	ug/kg dry	
4,4'-DDT	50-29-3	2.21	<2.21	ug/kg dry	
Aldrin	309-00-2	2.21	<2.21	ug/kg dry	
alpha-BHC	319-84-6	5.53	<5.53	ug/kg dry	
beta-BHC	319-85-7	5.53	<5.53	ug/kg dry	
cis-Chlordane	5103-71-9	5.53	<5.53	ug/kg dry	
delta-BHC	319-86-8	5.53	<5.53	ug/kg dry	
Dieldrin	60-57-1	2.21	<2.21	ug/kg dry	
Endosulfan I	959-98-8	5.53	<5.53	ug/kg dry	
Endosulfan II	33213-65-9	5.53	<5.53	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.53	<5.53	ug/kg dry	
Endrin	72-20-8	5.53	<5.53	ug/kg dry	
gamma-BHC	58-89-9	5.53	<5.53	ug/kg dry	
Heptachlor	76-44-8	5.53	<5.53	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	53	52.6-153	
Tetrachloro-m-xylene	877-09-8	41	56.1-151	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	101	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3510 C

Date Analyzed: 04/13/2022

Analytical Method: EPA 8081 B

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:35	Sample ID: B-8 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-14 % Solid:90.419
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	55.3	<55.3	ug/kg dry	
Aroclor-1221	11104-28-2	55.3	<55.3	ug/kg dry	
Aroclor-1232	11141-16-5	55.3	<55.3	ug/kg dry	
Aroclor-1242	53469-21-9	55.3	<55.3	ug/kg dry	
Aroclor-1248	12672-29-6	55.3	<55.3	ug/kg dry	
Aroclor-1254	11097-69-1	55.3	<55.3	ug/kg dry	
Aroclor-1260	11096-82-5	55.3	<55.3	ug/kg dry	
Aroclor-1262	37324-23-5	55.3	<55.3	ug/kg dry	
Aroclor-1268	11100-14-4	55.3	<55.3	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	36	47.4-148	4.D
Tetrachloro-m-xylene	877-09-8	31	51.4-150	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	96	50-200	

Date Prepared: 04/12/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8082 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:35	Sample ID: B-8 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-14 % Solid:90.419
Matrix: Soil	ELAP: #11693

Herbicide Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	28	<28	ug/kg dry	

Date Prepared: 04/13/2022

Preparation Method: EPA 3545 A

Date Analyzed: 04/13/2022

Analytical Method: EPA 8151 A

Client: Nelson, Pope & Voorhis	Client ID: Lawton Street Property, New Rochelle
Date (Time) Collected: 04/07/2022 08:35	Sample ID: B-8 10-12
Date (Time) Received: 04/08/2022 09:17	Laboratory ID: 2040815-14 % Solid:90.419
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	04/14/2022	EPA 6010 D	1.70	<1.70	mg/kg dry	
Barium	04/14/2022	EPA 6010 D	1.70	58.4	mg/kg dry	
Beryllium	04/14/2022	EPA 6010 D	0.68	<0.68	mg/kg dry	
Cadmium	04/14/2022	EPA 6010 D	1.70	<1.70	mg/kg dry	
Chromium	04/14/2022	EPA 6010 D	1.70	15.6	mg/kg dry	
Copper	04/14/2022	EPA 6010 D	1.70	12.0	mg/kg dry	
Lead	04/14/2022	EPA 6010 D	1.70	1.80	mg/kg dry	
Manganese	04/14/2022	EPA 6010 D	1.70	133	mg/kg dry	
Nickel	04/14/2022	EPA 6010 D	1.70	12.1	mg/kg dry	
Selenium	04/14/2022	EPA 6010 D	3.39	<3.39	mg/kg dry	
Silver	04/14/2022	EPA 6010 D	0.42	<0.42	mg/kg dry	
Zinc	04/14/2022	EPA 6010 D	1.70	17.4	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Hexavalent Chromium	04/13/2022	EPA 7196 A	0.556	<0.556	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: EPA 3060A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	04/14/2022	EPA 7471 B	0.02	<0.02	mg/kg dry	

Date Prepared: 04/14/2022 Preparation Method: EPA 7471 B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Cyanide	04/14/2022	EPA 9014	0.22	<0.22	mg/kg dry	

Date Prepared: 04/13/2022 Preparation Method: Distillation Prep

Data Qualifiers Key Reference:

3.A	Reporting limit raised due to matrix interference.
3.C	Reporting limit raised due to non-target compound interference.
3.E	Compound reported at a dilution factor.
4.A	Estimated concentration, exceeds calibration range.
4.D	Surrogate recovery has failed low.
4.E	Surrogate recovery has failed high.
4.F	Spike recovery does not meet QC criteria due to high target compound concentration.
4.J	Continuing Calibration Verification (CCV) quality control levels failed low, values are considered to be estimated.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
4.P	Internal Standard out of range due to matrix interference.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation
H	Holding Time Exceeded

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: NPV, 70 Maxess Rd, Melville, NY 11747

CONTACT: S. McGinn

PHONE: 631-427-5665

EMAIL:

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT): Steven J. McGinn

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

2040815

PROJECT LOCATION: Lawton Street Property, New Rochelle

SAMPLES RECEIVED AT: 3.8 °C

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED: A 375 Full	# OF CONTAINERS
1. 204081 S-01	S	G			I	4/7/22	2:50	B-1 0-4	X	3
2. -02					I		3:00	B-1 16-20	X	3
3. -03					I		4:00	B-2 0-4	X	3
4. -04					I		4:10	B-2 8-12	X	3
5. -05					I		1:50	B-3 0-4	X	3
6. -06					I		2:00	B-3 4-8	X	3
7. -07					I		12:45	B-4 0-4	X	3
8. -08					I		1:00	B-4 12-16	X	3
9. -09					I		11:30	B-5 0-4	X	3
10. -10					I		11:48	B-5 14-16	X	3
11. -11					I		9:48	B-7 6-8	X	3
12. -12					I		10:07	B-7 10-12	X	3
13. -13					I		8:00	B-8 4-6	X	3
14. -14					I		8:35	B-8 10-12	X	3

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER

TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON

PRES: (1) ICE; (2) HCL; (3) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE 4/8/22 TIME 7:20	PRINTED NAME Steven J. McGinn	RECEIVED BY (SIGNATURE)	DATE TIME	PRINTED NAME
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 4/8/22 TIME 9:17	PRINTED NAME Jean Da Silva

WHITE - OFFICE / CANARY - CLIENT