



Consolidated Edison Company
of New York, Inc.
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Long Island City NY 11105-2048
www.conEd.com

October 30, 2024

Ronnie Lee
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-1011

E-mail: ronnie.lee@dec.ny.gov

**RE: Letter Summary/Spill Closure Report
Hunts Point Food Center Drive Secondary Electric Reinforcement Project
Bronx, New York**

Dear Mr. Lee:

This letter report summarizes excavation activities completed at the Food Center Drive Greenway Site (the "Site") located in Bronx, New York and provides the necessary information for NYSDEC to administratively close the remaining open petroleum spill remaining on the project. The Site is located within the former Consolidated Edison Company of New York (Con Edison) Hunts Point Manufactured Gas Plant (MGP) Site.

Excavation activities were completed at the Site in support of a secondary electric reinforcement project. The scope of work included the excavation of a trench approximately 925 feet in length by 3 feet in width by 3 feet in depth, as presented on [Figure 1](#).

In support of excavation activities for gas line replacement, the following scope of work was completed:

- Various excavations with dimensions totaling 3 feet wide by 3 feet deep by 925 feet in length.
- Installation of 4-4" precast secondary ducts to reinforce electric lines for Food Center Drive.
- Backfill of excavation and road surface restoration upon completion of duct installation.
- Air monitoring for dust and volatile organic compounds (VOCs) in accordance with the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan (CAMP), and
- Breathing zone monitoring for dust, VOCs, hydrogen cyanide (HCN), lower explosive limit (LEL), hydrogen sulfide (H₂S), and oxygen (O₂).

Excavation Activities

Intrusive activities at the Site consisted of excavations associated with the reinforcement of subsurface electric utilities on Food Center Drive. Excavation activities were initiated on May 13, 2024, and were completed on July 30, 2024. Restoration of the road surface was completed on July 31, 2024. The trench was protected with road plates when field activities were completed for a given workday. From May 13th to May 15th, excavated soils were temporarily staged on poly sheeting in locations immediately adjacent to the open trench and covered when field crews were off-site. Beginning July 1st, excavated soils were deposited directly into trucks for immediate offsite transportation and disposal. Periodic inspections of staged materials were completed during the period from May 16th to June 30th when work activities were temporarily halted to ensure materials were adequately covered and protected. Excavated soils consisted primarily of visually clean fill material. Isolated instances of soils exhibiting an oily sheen and staining were identified during excavation activities, as further described below.

Excavations progressed in sections of varying lengths, where following completion of a section of the trench pre-cast concrete ducts were installed, clean imported soils were used to backfill the excavation, and the road surface was restored. A photolog of intrusive activities is presented in [Attachment 1](#).

Identification of Impacted Materials

During initial test pitting activities completed on May 13th, 14th, and 15th, 2024, apparent MGP-impacted soils were identified in the form of oily sheens and stained soils. Following identification of impacted material, the Con Edison spill desk and New York State Department of Environmental Conservation (NYSDEC) were notified and NYSDEC Spill Nos. 2401254, 2401285, 2401322, and 2401323 were opened. Subsequently, NYSDEC Spill Nos. 2401285, 2401322, and 2401323 were administratively closed on May 28th, 2024. The Con Edison EMIS report and associated NYSDEC spill reports are included in [Attachment 2](#).

A total of 2 soil samples were collected to characterize apparent MGP-impacted materials and submitted for laboratory analysis of Target Compound List (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), Target Analyte List (TAL) metals, polychlorinated biphenyls (PCBs), Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCLP SVOCs, TCLP metals, TCLP herbicides, TCLP pesticides, and Resource Conservation and Recovery Act (RCRA) characteristics. Laboratory analytical results indicated the materials to be non-hazardous, and associated laboratory reports are included as [Attachment 3](#).

The impacted area was isolated and not attributed to a petroleum spill or release. The roadway was entered into the Voluntary Cleanup Program and was closed many years prior with the roadway surface acting as the engineering control/cap for the Site. All impacted material (as well as all other excavated material) was removed from the project and approved fill used for backfill. MGP impacted material has been identified in small isolated locations during

construction across Hunts Point and typically does not trigger a spill but will result in removal of the identified area in closed sites as was performed in this case.

Based on laboratory analytical results, the offsite transportation and disposal of apparently impacted materials, the completion of excavation activities and the restoration of the road surface, it is recommended that NYSDEC Spill No. 2401254 be administratively closed.

Air Monitoring Activities

Air monitoring was conducted in upwind and downwind directions in accordance with the CAMP during all excavation and backfilling activities, and no sustained exceedances of action levels associated with excavation and backfilling activities were detected for VOCs or dust. Additionally, breathing zone monitoring was conducted during all intrusive activities for dust, VOCs, HCN, LEL, H₂S, and O₂, and no sustained exceedances of action levels associated with excavation and backfilling activities were detected. A summary of CAMP monitoring and breathing zone monitoring results is presented as [Attachment 4](#).

Backfill Placement

Trench excavations were backfilled with certified clean imported materials approved by the New York State Department of Environmental Conservation (NYSDEC). Materials approved by the NYSDEC were imported to the Site from New York Recycling located at 475 Exterior Street in Bronx, New York. An approximate total of 105 cubic yards (cy) of material was placed in the excavation as backfill.

The NYSDEC approval and associated supporting documentation for the material imported to the Site from Hunters Point Recycling is presented as [Attachment 5](#).

Waste Disposal

All soils excavated during the scope of work were transported offsite by Clean Harbors Environmental Services, Inc. for disposal at Clean Earth of North Jersey, Inc. Waste manifests are presented in [Attachment 6](#). An approximate total of 271 cy of material was transported offsite for disposal.

Spill Closure

Spill number 2401254 remains open with the other three (3) spills referenced above having been closed by NYSDEC. This letter serves to request closure of the remaining spill in addition to providing documentation to NYSDEC for the completion of the work and to provide this information for the Periodic Review Report (PRR) for the Hunts Point Perimeter Site.

Ronnie Lee
NYSDEC
October 30, 2024
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Please feel free to contact me at (718) 204-4331 should you have any questions or if you need any assistance during your review of this submittal.

Sincerely,

A handwritten signature in black ink, appearing to read 'Melissa Abt', with a stylized, cursive script.

Melissa Abt, P.G.
Project Manager
EH&S, Remediation
Consolidated Edison Company of NY, Inc.

cc: Mihir Chokshi, Con Edison

Attachments:

- Attachment 1 – Photolog
- Attachment 2 – Spill Documentation
- Attachment 3 – Laboratory Analytical Reports
- Attachment 4 – CAMP and Breathing Zone Monitoring Data
- Attachment 5 – Materials Approvals and Supporting Documentation
- Attachment 6 – Waste Manifests

FIGURE

FILE NAME: C:\Users\p005740b\OneDrive - Parsons Corp\Documents\ArcGIS\HP_FCD\HP_FCD2024\HP_FCD2024.aprx
CREATED BY: S. Liberatore 10/8/2024



GENERAL LOCATION OF THE SITE

Approximate Excavation Area

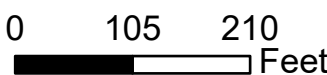


FIGURE 1

CONSOLIDATED EDISON
COMPANY OF NEW YORK, INC.

HUNTS POINT FOOD CENTER DRIVE
EXCAVATION LOCATION



301 PLAINFIELD ROAD, SUITE 350, SYRACUSE NY 13212

ATTACHMENT 1

PHOTOLOG

May 13, 2024 – July 31, 2024

Photo Index
Hunts Point Food Center Drive Excavation
Bronx, NY

May 13, 2024 – July 31, 2024



Photo 1: Food Center Drive Excavation 5-13-2024



Photo 2: Test pit 5-15-2024



Photo 3: Test pit 5-15-2024



Photo 4: Trench 7-01-2024



Photo 5: Excavation and duct installation progress 7-02-2024



Photo 6: Backfilling trench 7-22-2024



Photo 7: Trench backfilled 7-24-2024



Photo 8: Blacktop paving over trench 7-26-2024



Photo 9: Completed trench paved over 7-31-2024

ATTACHMENT 2
SPILL DOCUMENTATION

Detail Incident Report

Construction

Incident ID: 295494 / 1

Pending Test Results

Sewer / Water Affected : N Permit Incident : N Fire / Smoke Involved : N Precipitation : N On - going Leak : N Private Property Affected : N Injured Person : N

Incident Type : Spill - Oil Reportable

Title : 2 gal of unknown oil in test pit (soil)

Discovered : 5/13/2024 11:50 AM

First Reported : 5/13/2024 12:05 PM

Cleanup Completed / Stopped : Bronx Electric Distribution System

Site : Construction

Facility :

Street : Food Center Drive City : Bronx County : BRONX State : NY Zip :

Location Description : f/o 400 Food Center Drive, Bronx

Administration Business Unit : Construction

Initial Observation : Construction Rep L1-2 Elwin M De La Rosa (85517) reports while digging a 4' x 4' test pit in the area for a future feeder work, he discovered approximately 2 gal of unknown oil. Discoloration and odor observed. Samples will be taken for Oil ID, PCB and Flash Point. COC# not yet available. NYSDEC#2401254. Layout #Z23-11402-002X.

Access / Parking Obstruction : N

Comment :

Source : Unknown

Substance

Substance	Released	Contained	Total	Sampled On	Media Name
Unknown Oil	2.00 Gallons		2.00 Gallons	5/13/2024 12:15 PM	Soil/Grass

Notification

Regulatory Body / DL	Regulatory Body Event ID	Made By	To	Substances	Notification Date	Comment	Status
NYS Department of Environmental Conservation	2401254	Ines Cruz	Operator 61		5/13/2024 12:11 PM		Notified

Detail Incident Report

Construction

Incident ID: 295494 / 1

Pending Test Results

People							
Last Name	First Name	Phone	Email	Agency	Agency Employee ID	Role	Activity
61	Operator	phone				Regulatory Agency Contact	
Cruz	Ines	646/889-3684	CruzI@coned.com			Incident Creator	
De La Rosa	Elwin	718/839-1365	DelarosaEl@coned.com			Finder	
						First Reported By	

Business Unit		
Responsibility	Business Unit	Comments
Administration	Construction	
Cause	Construction	
Clean up	Construction	

Change History					
Timestamp	Section	Field	Data	Comment	Changed By
5/13/2024 12:20 PM	Incident	Discovered	May 13 2024 11:50AM		Cruz, Ines
5/13/2024 12:20 PM	Incident	Reported to CIG	May 13 2024 12:05PM		Cruz, Ines
5/13/2024 12:20 PM	Incident	Type	Spill - Oil Reportable		Cruz, Ines
5/13/2024 12:20 PM	Incident Status	Status	Pending		Cruz, Ines
5/13/2024 12:20 PM	Incident Status Reason	Status Reason	Test Results		Cruz, Ines
5/13/2024 12:05 PM	Incident	Discovered	May 13 2024 12:05PM		Cruz, Ines
5/13/2024 12:05 PM	Incident	First Reported	May 13 2024 12:05PM		Cruz, Ines
5/13/2024 12:05 PM	Incident	Reported to CIG			Cruz, Ines
5/13/2024 12:05 PM	Incident	Stop Date			Cruz, Ines



Detail Incident Report

Construction

Incident ID: 295494 / 1

Pending Test Results



Department of
Environmental
Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2

Spill Number: 2401254

Spill Date/Time

Spill Date: 05/13/2024 **Spill Time:** 11:50:00 AM

Call Received Date: 05/13/2024 **Call Received Time:** 12:11:00 PM

Location

Spill Name: COMMERCIAL

Address: IN FRONT OF 400 FOOD CENTER RD

City: THE BRONX **County:** Bronx

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	2 Gal.	Soil , Soil

Cause: Unknown

Source: Commercial/Industrial

Waterbody:

Record Close

Date Spill Closed: Not closed

If you have questions about this reported incident, please contact the [Regional Office](#) where the incident occurred.

[Refine This Search](#)

[Return To Results](#)



Department of
Environmental
Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2

Spill Number: 2401285

Spill Date/Time

Spill Date: 05/14/2024 **Spill Time:** 09:35:00 AM

Call Received Date: 05/14/2024 **Call Received Time:** 09:57:00 AM

Location

Spill Name: IN FORNT OF

Address: 400 FOOD CENTER RD

City: BRONX **County:** Bronx

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	2 Gal.	Soil

Cause: Unknown

Source: Unknown

Waterbody:

Record Close

Date Spill Closed: 05/28/2024

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the [Regional Office](#) where the incident occurred.

Refine This Search

Return To Results



Department of
Environmental
Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2

Spill Number: 2401322

Spill Date/Time

Spill Date: 05/15/2024 **Spill Time:** 09:17:00 AM

Call Received Date: 05/15/2024 **Call Received Time:** 09:37:00 AM

Location

Spill Name: IMPACTED SOIL

Address: 400 FOOD CENTER DR

City: BRONX **County:** Bronx

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	1 lbs.	Soil

Cause: Unknown

Source: Commercial/Industrial

Waterbody:

Record Close

Date Spill Closed: 05/28/2024

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the [Regional Office](#) where the incident occurred.

Refine This Search

Return To Results



Department of
Environmental
Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2

Spill Number: 2401323

Spill Date/Time

Spill Date: 05/15/2024 **Spill Time:** 09:17:00 AM

Call Received Date: 05/15/2024 **Call Received Time:** 09:40:00 AM

Location

Spill Name: EXCAVATION SITE

Address: 400 FOOD CENTER DR

City: BRONX **County:** Bronx

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Soil

Cause: Unknown

Source: Commercial/Industrial

Waterbody:

Record Close

Date Spill Closed: 05/28/2024

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the [Regional Office](#) where the incident occurred.

Refine This Search

Return To Results

ATTACHMENT 3

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

PREPARED FOR

Attn: Stephen Liberatore
Parsons Corporation
301 Plainfield Road
Suite 350
Syracuse, New York 13212

Generated 5/29/2024 4:38:50 PM

JOB DESCRIPTION

Hunts Point Excavation

JOB NUMBER

460-303954-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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Definitions/Glossary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number

Definitions/Glossary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Parsons Corporation
Project: Hunts Point Excavation

Job ID: 460-303954-1

Job ID: 460-303954-1

Eurofins Edison

Job Narrative 460-303954-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 5/14/2024 8:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

Receipt Exceptions

All analyses activated by the client on 5 day TAT. 5/20/24

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-975244 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-975468 was outside the method criteria for the following analyte(s): < Benzaldehyde>. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6020B: The method blank for preparation batch 460-976190 and analytical batch 460-976425 contained potassium above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL) in the method blank; therefore, re-extraction and re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: TP-01_20240514 (460-303954-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Edison

Case Narrative

Client: Parsons Corporation
Project: Hunts Point Excavation

Job ID: 460-303954-1

Job ID: 460-303954-1 (Continued)

Eurofins Edison

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Detection Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.39	J	1.5	0.39	ug/Kg	1	✱	8260D	Total/NA
Ethylbenzene	1.5		1.5	0.30	ug/Kg	1	✱	8260D	Total/NA
m-Xylene & p-Xylene	3.5		1.5	0.26	ug/Kg	1	✱	8260D	Total/NA
o-Xylene	2.9		1.5	0.29	ug/Kg	1	✱	8260D	Total/NA
Toluene	1.3	J	1.5	0.35	ug/Kg	1	✱	8260D	Total/NA
1,1'-Biphenyl	320	J	360	13	ug/Kg	1	✱	8270E	Total/NA
2-Methylnaphthalene	1200		360	10	ug/Kg	1	✱	8270E	Total/NA
Acenaphthene	850		360	10	ug/Kg	1	✱	8270E	Total/NA
Acenaphthylene	1100		360	10	ug/Kg	1	✱	8270E	Total/NA
Anthracene	3100		360	11	ug/Kg	1	✱	8270E	Total/NA
Benzo[a]anthracene	4500		36	27	ug/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	3700		36	9.6	ug/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	4000		36	9.4	ug/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	1800		360	11	ug/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	1900		36	7.1	ug/Kg	1	✱	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	95	J	360	19	ug/Kg	1	✱	8270E	Total/NA
Carbazole	740		360	14	ug/Kg	1	✱	8270E	Total/NA
Chrysene	3700		360	15	ug/Kg	1	✱	8270E	Total/NA
Dibenz(a,h)anthracene	610		36	16	ug/Kg	1	✱	8270E	Total/NA
Dibenzofuran	1300		360	12	ug/Kg	1	✱	8270E	Total/NA
Fluoranthene	8600		360	13	ug/Kg	1	✱	8270E	Total/NA
Fluorene	2200		360	11	ug/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2100		36	14	ug/Kg	1	✱	8270E	Total/NA
Naphthalene	3900		360	6.3	ug/Kg	1	✱	8270E	Total/NA
Phenanthrene	8200		360	15	ug/Kg	1	✱	8270E	Total/NA
Pyrene	8200		360	9.0	ug/Kg	1	✱	8270E	Total/NA
Aluminum	8400		19.9	5.5	mg/Kg	1	✱	6020B	Total/NA
Arsenic	2.7		0.99	0.10	mg/Kg	1	✱	6020B	Total/NA
Barium	136		2.0	0.14	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.29	J	0.40	0.057	mg/Kg	1	✱	6020B	Total/NA
Cadmium	0.20	J	0.99	0.11	mg/Kg	1	✱	6020B	Total/NA
Calcium	42900		99.5	40.5	mg/Kg	1	✱	6020B	Total/NA
Chromium	19.3		2.0	0.90	mg/Kg	1	✱	6020B	Total/NA
Cobalt	6.8		2.0	0.15	mg/Kg	1	✱	6020B	Total/NA
Copper	47.3		2.0	0.37	mg/Kg	1	✱	6020B	Total/NA
Iron	15200		59.7	20.1	mg/Kg	1	✱	6020B	Total/NA
Lead	84.7		0.60	0.20	mg/Kg	1	✱	6020B	Total/NA
Magnesium	15000		99.5	10.1	mg/Kg	1	✱	6020B	Total/NA
Manganese	186		4.0	0.40	mg/Kg	1	✱	6020B	Total/NA
Nickel	15.5		2.0	0.47	mg/Kg	1	✱	6020B	Total/NA
Potassium	3820	B	99.5	16.1	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.25	J	1.2	0.13	mg/Kg	1	✱	6020B	Total/NA
Sodium	469		99.5	45.5	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.20	J	0.40	0.041	mg/Kg	1	✱	6020B	Total/NA
Vanadium	31.2		2.0	0.20	mg/Kg	1	✱	6020B	Total/NA
Zinc	85.0		8.0	3.0	mg/Kg	1	✱	6020B	Total/NA
Barium	429		40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.077		0.017	0.0081	mg/Kg	1	✱	7471B	Total/NA
Cyanide, Total	2.3		0.23	0.13	mg/Kg	1	✱	9012B	Total/NA
pH	7.6	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514 (Continued) Lab Sample ID: 460-303954-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Corrosivity	7.6	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Date Collected: 05/14/24 12:00

Matrix: Solid

Date Received: 05/14/24 20:00

Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.5	U	1.5	0.35	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,1,2,2-Tetrachloroethane	1.5	U	1.5	0.32	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U	1.5	0.45	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,1,2-Trichloroethane	1.5	U	1.5	0.27	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,1-Dichloroethane	1.5	U	1.5	0.31	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,1-Dichloroethene	1.5	U	1.5	0.34	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,2,3-Trichlorobenzene	1.5	U	1.5	0.27	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,2,4-Trichlorobenzene	1.5	U	1.5	0.54	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,2-Dichloropropane	1.5	U	1.5	0.63	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,3-Dichlorobenzene	1.5	U	1.5	0.55	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,4-Dichlorobenzene	1.5	U	1.5	0.34	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
1,4-Dioxane	150	U	150	14	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
2-Butanone (MEK)	7.5	U	7.5	0.55	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
2-Hexanone	7.5	U	7.5	2.6	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
4-Methyl-2-pentanone (MIBK)	7.5	U	7.5	2.3	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Acetone	9.0	U	9.0	8.6	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Benzene	0.39	J	1.5	0.39	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Bromoform	1.5	U	1.5	0.64	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Bromomethane	3.0	U	3.0	1.5	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Carbon disulfide	1.5	U	1.5	0.40	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Carbon tetrachloride	1.5	U	1.5	0.58	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Chlorobenzene	1.5	U	1.5	0.27	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Chlorobromomethane	1.5	U	1.5	0.42	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Chlorodibromomethane	1.5	U	1.5	0.29	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Chloroethane	1.5	U	1.5	0.78	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Chloroform	1.5	U	1.5	1.5	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Chloromethane	1.5	U	1.5	0.65	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
cis-1,2-Dichloroethene	1.5	U	1.5	0.54	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
cis-1,3-Dichloropropene	1.5	U	1.5	0.41	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Cyclohexane	1.5	U	1.5	0.33	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Dichlorobromomethane	1.5	U	1.5	0.39	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Dichlorodifluoromethane	1.5	U	1.5	0.51	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Ethylbenzene	1.5		1.5	0.30	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Ethylene Dibromide	1.5	U	1.5	0.27	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Isopropylbenzene	1.5	U	1.5	0.43	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Methyl acetate	7.5	U	7.5	6.4	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Methyl tert-butyl ether	1.5	U	1.5	0.77	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Methylcyclohexane	1.5	U	1.5	0.75	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Methylene Chloride	3.0	U	3.0	1.7	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
m-Xylene & p-Xylene	3.5		1.5	0.26	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
o-Xylene	2.9		1.5	0.29	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Styrene	1.5	U	1.5	0.42	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Tetrachloroethene	1.5	U	1.5	0.46	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Toluene	1.3	J	1.5	0.35	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
trans-1,2-Dichloroethene	1.5	U	1.5	0.37	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
trans-1,3-Dichloropropene	1.5	U	1.5	0.40	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Trichloroethene	1.5	U	1.5	0.48	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Trichlorofluoromethane	1.5	U	1.5	0.61	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1
Vinyl chloride	1.5	U	1.5	0.82	ug/Kg	☆	05/15/24 17:55	05/16/24 16:28	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Date Collected: 05/14/24 12:00

Matrix: Solid

Date Received: 05/14/24 20:00

Percent Solids: 91.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.5	U	1.5	0.44	ug/Kg	✱	05/15/24 17:55	05/16/24 16:28	1
1,2-Dichlorobenzene	1.5	U	1.5	0.54	ug/Kg	✱	05/15/24 17:55	05/16/24 16:28	1
1,2-Dibromo-3-Chloropropane	1.5	U	1.5	0.69	ug/Kg	✱	05/15/24 17:55	05/16/24 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		72 - 138				05/15/24 17:55	05/16/24 16:28	1
4-Bromofluorobenzene	93		63 - 139				05/15/24 17:55	05/16/24 16:28	1
Dibromofluoromethane (Surr)	80		54 - 150				05/15/24 17:55	05/16/24 16:28	1
Toluene-d8 (Surr)	98		71 - 126				05/15/24 17:55	05/16/24 16:28	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	10	U	10	2.6	ug/L			05/26/24 13:41	10
1,2-Dichloroethane	10	U	10	4.3	ug/L			05/26/24 13:41	10
2-Butanone (MEK)	50	U	50	19	ug/L			05/26/24 13:41	10
Benzene	10	U	10	2.0	ug/L			05/26/24 13:41	10
Carbon tetrachloride	10	U	10	2.1	ug/L			05/26/24 13:41	10
Chlorobenzene	10	U	10	3.8	ug/L			05/26/24 13:41	10
Chloroform	10	U	10	3.3	ug/L			05/26/24 13:41	10
Tetrachloroethene	10	U	10	2.5	ug/L			05/26/24 13:41	10
Trichloroethene	10	U	10	3.1	ug/L			05/26/24 13:41	10
Vinyl chloride	10	U	10	1.7	ug/L			05/26/24 13:41	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 128					05/26/24 13:41	10
4-Bromofluorobenzene	87		76 - 120					05/26/24 13:41	10
Dibromofluoromethane (Surr)	95		77 - 132					05/26/24 13:41	10
Toluene-d8 (Surr)	100		80 - 120					05/26/24 13:41	10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	320	J	360	13	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
1,2,4,5-Tetrachlorobenzene	360	U	360	11	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,2'-oxybis[1-chloropropane]	360	U	360	22	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,3,4,6-Tetrachlorophenol	360	U	360	25	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,4,5-Trichlorophenol	360	U	360	37	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,4,6-Trichlorophenol	150	U	150	46	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,4-Dichlorophenol	150	U	150	23	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,4-Dimethylphenol	360	U	360	43	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,4-Dinitrophenol	290	U	290	180	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,4-Dinitrotoluene	73	U	73	39	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2,6-Dinitrotoluene	73	U	73	26	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2-Chloronaphthalene	360	U	360	17	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2-Chlorophenol	360	U	360	13	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2-Methylnaphthalene	1200		360	10	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2-Methylphenol	360	U	360	14	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2-Nitroaniline	360	U	360	28	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
2-Nitrophenol	360	U	360	36	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
3,3'-Dichlorobenzidine	150	U	150	55	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1
3-Nitroaniline	360	U	360	86	ug/Kg	✱	05/16/24 16:58	05/17/24 11:58	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Date Collected: 05/14/24 12:00

Matrix: Solid

Date Received: 05/14/24 20:00

Percent Solids: 91.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	290	U	290	150	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
4-Bromophenyl phenyl ether	360	U	360	14	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
4-Chloro-3-methylphenol	360	U	360	20	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
4-Chloroaniline	360	U	360	64	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
4-Chlorophenyl phenyl ether	360	U	360	13	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
4-Methylphenol	360	U	360	23	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
4-Nitroaniline	360	U	360	42	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
4-Nitrophenol	730	U	730	59	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Acenaphthene	850		360	10	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Acenaphthylene	1100		360	10	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Acetophenone	360	U	360	18	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Anthracene	3100		360	11	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Atrazine	150	U	150	21	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Benzaldehyde	360	U	360	60	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Benzo[a]anthracene	4500		36	27	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Benzo[a]pyrene	3700		36	9.6	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Benzo[b]fluoranthene	4000		36	9.4	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Benzo[g,h,i]perylene	1800		360	11	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Benzo[k]fluoranthene	1900		36	7.1	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Bis(2-chloroethoxy)methane	360	U	360	28	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Bis(2-chloroethyl)ether	36	U	36	13	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Bis(2-ethylhexyl) phthalate	95	J	360	19	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Butyl benzyl phthalate	360	U	360	17	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Caprolactam	360	U	360	56	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Carbazole	740		360	14	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Chrysene	3700		360	15	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Dibenz(a,h)anthracene	610		36	16	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Dibenzofuran	1300		360	12	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Diethyl phthalate	360	U	360	12	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Dimethyl phthalate	360	U	360	82	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Di-n-butyl phthalate	360	U	360	14	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Di-n-octyl phthalate	360	U	360	19	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Fluoranthene	8600		360	13	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Fluorene	2200		360	11	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Hexachlorobenzene	36	U	36	17	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Hexachlorobutadiene	73	U	73	7.7	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Hexachlorocyclopentadiene	360	U	360	32	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Hexachloroethane	36	U	36	12	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Indeno[1,2,3-cd]pyrene	2100		36	14	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Isophorone	150	U	150	100	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Naphthalene	3900		360	6.3	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Nitrobenzene	36	U	36	20	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
N-Nitrosodi-n-propylamine	36	U	36	26	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
N-Nitrosodiphenylamine	360	U	360	30	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Pentachlorophenol	290	U	290	74	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Phenanthrene	8200		360	15	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Phenol	360	U	360	13	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1
Pyrene	8200		360	9.0	ug/Kg	☆	05/16/24 16:58	05/17/24 11:58	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Date Collected: 05/14/24 12:00

Matrix: Solid

Date Received: 05/14/24 20:00

Percent Solids: 91.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	88		24 - 137	05/16/24 16:58	05/17/24 11:58	1
2-Fluorobiphenyl	78		48 - 120	05/16/24 16:58	05/17/24 11:58	1
2-Fluorophenol (Surr)	76		31 - 120	05/16/24 16:58	05/17/24 11:58	1
Nitrobenzene-d5 (Surr)	71		38 - 120	05/16/24 16:58	05/17/24 11:58	1
Phenol-d5 (Surr)	78		39 - 120	05/16/24 16:58	05/17/24 11:58	1
Terphenyl-d14 (Surr)	92		25 - 126	05/16/24 16:58	05/17/24 11:58	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	10	U	10	0.40	ug/L		05/22/24 08:28	05/23/24 01:44	1
2,4,5-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:28	05/23/24 01:44	1
2,4,6-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:28	05/23/24 01:44	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		05/22/24 08:28	05/23/24 01:44	1
2-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/23/24 01:44	1
3 & 4 Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/23/24 01:44	1
4-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/23/24 01:44	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		05/22/24 08:28	05/23/24 01:44	1
Hexachlorobutadiene	2.0	U	2.0	0.80	ug/L		05/22/24 08:28	05/23/24 01:44	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		05/22/24 08:28	05/23/24 01:44	1
Nitrobenzene	1.0	U	1.0	0.60	ug/L		05/22/24 08:28	05/23/24 01:44	1
Pentachlorophenol	30	U	30	1.4	ug/L		05/22/24 08:28	05/23/24 01:44	1
Phenol	10	U	10	0.30	ug/L		05/22/24 08:28	05/23/24 01:44	1
Pyridine	10	U	10	1.9	ug/L		05/22/24 08:28	05/23/24 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	123		37 - 150	05/22/24 08:28	05/23/24 01:44	1
2-Fluorobiphenyl	97		46 - 139	05/22/24 08:28	05/23/24 01:44	1
2-Fluorophenol	50		16 - 80	05/22/24 08:28	05/23/24 01:44	1
Nitrobenzene-d5	91		51 - 145	05/22/24 08:28	05/23/24 01:44	1
Phenol-d5	36		10 - 56	05/22/24 08:28	05/23/24 01:44	1
Terphenyl-d14	112		13 - 150	05/22/24 08:28	05/23/24 01:44	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	5.0	U	5.0	0.055	ug/L		05/22/24 10:44	05/23/24 06:03	1
Endrin	0.50	U	0.50	0.0040	ug/L		05/22/24 10:44	05/23/24 06:03	1
gamma-BHC (Lindane)	0.50	U	0.50	0.012	ug/L		05/22/24 10:44	05/23/24 06:03	1
Heptachlor	0.50	U	0.50	0.0030	ug/L		05/22/24 10:44	05/23/24 06:03	1
Heptachlor epoxide	0.50	U	0.50	0.0050	ug/L		05/22/24 10:44	05/23/24 06:03	1
Methoxychlor	0.50	U	0.50	0.0040	ug/L		05/22/24 10:44	05/23/24 06:03	1
Toxaphene	5.0	U	5.0	0.11	ug/L		05/22/24 10:44	05/23/24 06:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		10 - 131	05/22/24 10:44	05/23/24 06:03	1
DCB Decachlorobiphenyl	84		10 - 131	05/22/24 10:44	05/23/24 06:03	1
Tetrachloro-m-xylene	76		10 - 150	05/22/24 10:44	05/23/24 06:03	1
Tetrachloro-m-xylene	80		10 - 150	05/22/24 10:44	05/23/24 06:03	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☆	05/16/24 17:31	05/17/24 07:05	1

Eurofins Edison

Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Date Collected: 05/14/24 12:00

Matrix: Solid

Date Received: 05/14/24 20:00

Percent Solids: 91.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1
Aroclor 1262	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1
Total PCBs	0.073	U	0.073	0.019	mg/Kg	✱	05/16/24 17:31	05/17/24 07:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		34 - 150	05/16/24 17:31	05/17/24 07:05	1
DCB Decachlorobiphenyl	73		34 - 150	05/16/24 17:31	05/17/24 07:05	1
Tetrachloro-m-xylene	69		34 - 150	05/16/24 17:31	05/17/24 07:05	1
Tetrachloro-m-xylene	72		34 - 150	05/16/24 17:31	05/17/24 07:05	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	83	U	83	5.0	ug/L		05/22/24 07:20	05/22/24 15:56	1
Silvex (2,4,5-TP)	83	U	83	4.0	ug/L		05/22/24 07:20	05/22/24 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	106		10 - 150	05/22/24 07:20	05/22/24 15:56	1
2,4-Dichlorophenylacetic acid	99		10 - 150	05/22/24 07:20	05/22/24 15:56	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8400		19.9	5.5	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Antimony	0.99	U	0.99	0.15	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Arsenic	2.7		0.99	0.10	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Barium	136		2.0	0.14	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Beryllium	0.29	J	0.40	0.057	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Cadmium	0.20	J	0.99	0.11	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Calcium	42900		99.5	40.5	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Chromium	19.3		2.0	0.90	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Cobalt	6.8		2.0	0.15	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Copper	47.3		2.0	0.37	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Iron	15200		59.7	20.1	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Lead	84.7		0.60	0.20	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Magnesium	15000		99.5	10.1	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Manganese	186		4.0	0.40	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Nickel	15.5		2.0	0.47	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Potassium	3820	B	99.5	16.1	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Selenium	0.25	J	1.2	0.13	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Silver	0.40	U	0.40	0.089	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Sodium	469		99.5	45.5	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Thallium	0.20	J	0.40	0.041	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Vanadium	31.2		2.0	0.20	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1
Zinc	85.0		8.0	3.0	mg/Kg	✱	05/22/24 06:48	05/23/24 00:23	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Date Collected: 05/14/24 12:00

Matrix: Solid

Date Received: 05/14/24 20:00

Percent Solids: 91.4

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/22/24 10:32	05/23/24 12:55	10
Barium	429		40.0	9.1	ug/L		05/22/24 10:32	05/23/24 12:55	10
Cadmium	20.0	U	20.0	3.9	ug/L		05/22/24 10:32	05/23/24 12:55	10
Chromium	40.0	U	40.0	25.0	ug/L		05/22/24 10:32	05/23/24 12:55	10
Lead	12.0	U	12.0	8.4	ug/L		05/22/24 10:32	05/23/24 12:55	10
Selenium	25.0	U	25.0	5.9	ug/L		05/22/24 10:32	05/23/24 12:55	10
Silver	20.0	U	20.0	2.9	ug/L		05/22/24 10:32	05/23/24 12:55	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/22/24 14:38	05/22/24 15:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077		0.017	0.0081	mg/Kg	☆	05/21/24 01:12	05/21/24 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/22/24 15:33	1
Cyanide, Total (SW846 9012B)	2.3		0.23	0.13	mg/Kg	☆	05/24/24 07:38	05/24/24 21:16	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/28/24 10:00	05/28/24 16:12	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	17.4	mg/Kg		05/28/24 09:57	05/28/24 16:09	1
pH (SW846 9045D)	7.6	HF			SU			05/29/24 15:07	1
Temperature (SW846 9045D)	21.4	HF			Degrees C			05/29/24 15:07	1
Corrosivity (SW846 9045D)	7.6	HF			SU			05/29/24 15:07	1
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			05/15/24 20:23	1
Percent Solids (EPA Moisture)	91.4		1.0	1.0	%			05/15/24 20:23	1

Surrogate Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (72-138)	BFB (63-139)	DBFM (54-150)	TOL (71-126)
460-303954-1	TP-01_20240514	86	93	80	98
LB3 460-975094/1-A	Method Blank	88	95	91	102
LCS 460-975244/2	Lab Control Sample	86	92	87	101
LCSD 460-975244/3	Lab Control Sample Dup	87	94	87	101
MB 460-975244/6	Method Blank	89	92	87	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (70-128)	BFB (76-120)	DBFM (77-132)	TOL (80-120)
LCS 460-976945/4	Lab Control Sample	83	86	89	98
LCSD 460-976945/5	Lab Control Sample Dup	87	86	92	97
MB 460-976945/9	Method Blank	91	84	92	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (70-128)	BFB (76-120)	DBFM (77-132)	TOL (80-120)
460-303954-1	TP-01_20240514	92	87	95	100
460-303954-1 MS	TP-01_20240514	91	87	91	100
LB 460-976482/1-A	Method Blank	96	86	97	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (24-137)	FBP (48-120)	2FP (31-120)	NBZ (38-120)	PHL (39-120)	TPHL (25-126)
460-303954-1	TP-01_20240514	88	78	76	71	78	92
460-303960-F-1-E MS	Matrix Spike	94	82	80	82	88	90

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Surrogate Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (24-137)	FBP (48-120)	2FP (31-120)	NBZ (38-120)	PHL (39-120)	TPHL (25-126)
460-303960-F-1-F MSD	Matrix Spike Duplicate	60	74	62	73	77	78
LCS 460-975302/2-A	Lab Control Sample	92	87	87	89	93	91
LCSD 460-975302/3-A	Lab Control Sample Dup	91	84	87	86	92	89
MB 460-975302/1-A	Method Blank	95	85	89	87	90	96
Surrogate Legend							
TBP = 2,4,6-Tribromophenol (Surr)							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol (Surr)							
NBZ = Nitrobenzene-d5 (Surr)							
PHL = Phenol-d5 (Surr)							
TPHL = Terphenyl-d14 (Surr)							

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (37-150)	FBP (46-139)	2FP (16-80)	NBZ (51-145)	PHL (10-56)	TPHL (13-150)
LCS 460-976217/2-A	Lab Control Sample	125	94	39	83	27	91
LCSD 460-976217/3-A	Lab Control Sample Dup	124	94	40	82	27	90
MB 460-976217/1-A	Method Blank	117	98	47	93	32	106
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPHL = Terphenyl-d14							

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (37-150)	FBP (46-139)	2FP (16-80)	NBZ (51-145)	PHL (10-56)	TPHL (13-150)
460-303954-1	TP-01_20240514	123	97	50	91	36	112
LB 460-976087/1-C	Method Blank	122	98	47	97	32	122
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPHL = Terphenyl-d14							

Surrogate Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-131)	DCBP2 (10-131)	TCX1 (10-150)	TCX2 (10-150)
LCS 460-976245/2-A	Lab Control Sample	87	82	92	81
LCSD 460-976245/3-A	Lab Control Sample Dup	94	90	100	90
MB 460-976245/1-A	Method Blank	106	101	102	100
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-131)	DCBP2 (10-131)	TCX1 (10-150)	TCX2 (10-150)
460-303954-1	TP-01_20240514	84	82	80	76
460-304004-E-1-G MS	Matrix Spike	71	67	100	63
LB 460-976087/1-D	Method Blank	87	87	86	86
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (34-150)	DCBP2 (34-150)	TCX1 (34-150)	TCX2 (34-150)
460-303954-1	TP-01_20240514	73	78	72	69
LCS 460-975313/2-A	Lab Control Sample	96	99	95	92
LCSD 460-975313/3-A	Lab Control Sample Dup	102	104	99	94
MB 460-975313/1-A	Method Blank	92	94	92	90
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)
LCS 460-976197/2-A	Lab Control Sample	104	106
LCSD 460-976197/3-A	Lab Control Sample Dup	103	104
MB 460-976197/1-A	Method Blank	96	97
Surrogate Legend			
DCPAA = 2,4-Dichlorophenylacetic acid			

Surrogate Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)
460-303954-1	TP-01_20240514	99	106
460-304004-E-1-K MS	Matrix Spike	110	114
LB 460-976087/1-B	Method Blank	117	118
Surrogate Legend			
DCPAA = 2,4-Dichlorophenylacetic acid			

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-975094/1-A

Matrix: Solid

Analysis Batch: 975244

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 975094

Analyte	LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	1.0	U	1.0	0.23	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.30	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.18	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,1-Dichloroethane	1.0	U	1.0	0.21	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,1-Dichloroethene	1.0	U	1.0	0.23	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.18	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.36	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,2-Dichloropropane	1.0	U	1.0	0.42	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.37	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.23	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,4-Dioxane	100	U	100	9.2	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
2-Butanone (MEK)	5.0	U	5.0	0.37	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
2-Hexanone	5.0	U	5.0	1.7	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.6	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Acetone	6.0	U	6.0	5.7	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Benzene	1.0	U	1.0	0.26	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Bromoform	1.0	U	1.0	0.43	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Bromomethane	2.0	U	2.0	1.0	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Carbon disulfide	1.0	U	1.0	0.27	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Carbon tetrachloride	1.0	U	1.0	0.39	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Chlorobenzene	1.0	U	1.0	0.18	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Chlorobromomethane	1.0	U	1.0	0.28	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Chlorodibromomethane	1.0	U	1.0	0.19	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Chloroethane	1.0	U	1.0	0.52	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Chloroform	1.0	U	1.0	0.97	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Chloromethane	1.0	U	1.0	0.44	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.36	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Cyclohexane	1.0	U	1.0	0.22	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Dichlorobromomethane	1.0	U	1.0	0.26	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.34	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Ethylbenzene	1.0	U	1.0	0.20	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Ethylene Dibromide	1.0	U	1.0	0.18	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Isopropylbenzene	1.0	U	1.0	0.29	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Methyl acetate	5.0	U	5.0	4.3	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.51	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Methylcyclohexane	1.0	U	1.0	0.50	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Methylene Chloride	2.0	U	2.0	1.1	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
m-Xylene & p-Xylene	1.0	U	1.0	0.17	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
o-Xylene	1.0	U	1.0	0.19	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Styrene	1.0	U	1.0	0.28	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Tetrachloroethene	1.0	U	1.0	0.31	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Toluene	1.0	U	1.0	0.23	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Trichloroethene	1.0	U	1.0	0.32	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
Trichlorofluoromethane	1.0	U	1.0	0.41	ug/Kg		05/15/24 17:54	05/16/24 16:03	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-975094/1-A
Matrix: Solid
Analysis Batch: 975244

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 975094

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.55	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,2-Dichloroethane	1.0	U	1.0	0.30	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.36	ug/Kg		05/15/24 17:54	05/16/24 16:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.46	ug/Kg		05/15/24 17:54	05/16/24 16:03	1

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		72 - 138	05/15/24 17:54	05/16/24 16:03	1
4-Bromofluorobenzene	95		63 - 139	05/15/24 17:54	05/16/24 16:03	1
Dibromofluoromethane (Surr)	91		54 - 150	05/15/24 17:54	05/16/24 16:03	1
Toluene-d8 (Surr)	102		71 - 126	05/15/24 17:54	05/16/24 16:03	1

Lab Sample ID: MB 460-975244/6
Matrix: Solid
Analysis Batch: 975244

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.23	ug/Kg			05/16/24 11:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/Kg			05/16/24 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.30	ug/Kg			05/16/24 11:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.18	ug/Kg			05/16/24 11:57	1
1,1-Dichloroethane	1.0	U	1.0	0.21	ug/Kg			05/16/24 11:57	1
1,1-Dichloroethene	1.0	U	1.0	0.23	ug/Kg			05/16/24 11:57	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.18	ug/Kg			05/16/24 11:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.36	ug/Kg			05/16/24 11:57	1
1,2-Dichloropropane	1.0	U	1.0	0.42	ug/Kg			05/16/24 11:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.37	ug/Kg			05/16/24 11:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.23	ug/Kg			05/16/24 11:57	1
1,4-Dioxane	100	U	100	9.2	ug/Kg			05/16/24 11:57	1
2-Butanone (MEK)	5.0	U	5.0	0.37	ug/Kg			05/16/24 11:57	1
2-Hexanone	5.0	U	5.0	1.7	ug/Kg			05/16/24 11:57	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.6	ug/Kg			05/16/24 11:57	1
Acetone	6.0	U	6.0	5.7	ug/Kg			05/16/24 11:57	1
Benzene	1.0	U	1.0	0.26	ug/Kg			05/16/24 11:57	1
Bromoform	1.0	U	1.0	0.43	ug/Kg			05/16/24 11:57	1
Bromomethane	2.0	U	2.0	1.0	ug/Kg			05/16/24 11:57	1
Carbon disulfide	1.0	U	1.0	0.27	ug/Kg			05/16/24 11:57	1
Carbon tetrachloride	1.0	U	1.0	0.39	ug/Kg			05/16/24 11:57	1
Chlorobenzene	1.0	U	1.0	0.18	ug/Kg			05/16/24 11:57	1
Chlorobromomethane	1.0	U	1.0	0.28	ug/Kg			05/16/24 11:57	1
Chlorodibromomethane	1.0	U	1.0	0.19	ug/Kg			05/16/24 11:57	1
Chloroethane	1.0	U	1.0	0.52	ug/Kg			05/16/24 11:57	1
Chloroform	1.0	U	1.0	0.97	ug/Kg			05/16/24 11:57	1
Chloromethane	1.0	U	1.0	0.44	ug/Kg			05/16/24 11:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.36	ug/Kg			05/16/24 11:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/Kg			05/16/24 11:57	1
Cyclohexane	1.0	U	1.0	0.22	ug/Kg			05/16/24 11:57	1
Dichlorobromomethane	1.0	U	1.0	0.26	ug/Kg			05/16/24 11:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.34	ug/Kg			05/16/24 11:57	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-975244/6

Matrix: Solid

Analysis Batch: 975244

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.20	ug/Kg			05/16/24 11:57	1
Ethylene Dibromide	1.0	U	1.0	0.18	ug/Kg			05/16/24 11:57	1
Isopropylbenzene	1.0	U	1.0	0.29	ug/Kg			05/16/24 11:57	1
Methyl acetate	5.0	U	5.0	4.3	ug/Kg			05/16/24 11:57	1
Methyl tert-butyl ether	1.0	U	1.0	0.51	ug/Kg			05/16/24 11:57	1
Methylcyclohexane	1.0	U	1.0	0.50	ug/Kg			05/16/24 11:57	1
Methylene Chloride	2.0	U	2.0	1.1	ug/Kg			05/16/24 11:57	1
m-Xylene & p-Xylene	1.0	U	1.0	0.17	ug/Kg			05/16/24 11:57	1
o-Xylene	1.0	U	1.0	0.19	ug/Kg			05/16/24 11:57	1
Styrene	1.0	U	1.0	0.28	ug/Kg			05/16/24 11:57	1
Tetrachloroethene	1.0	U	1.0	0.31	ug/Kg			05/16/24 11:57	1
Toluene	1.0	U	1.0	0.23	ug/Kg			05/16/24 11:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.25	ug/Kg			05/16/24 11:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/Kg			05/16/24 11:57	1
Trichloroethene	1.0	U	1.0	0.32	ug/Kg			05/16/24 11:57	1
Trichlorofluoromethane	1.0	U	1.0	0.41	ug/Kg			05/16/24 11:57	1
Vinyl chloride	1.0	U	1.0	0.55	ug/Kg			05/16/24 11:57	1
1,2-Dichloroethane	1.0	U	1.0	0.30	ug/Kg			05/16/24 11:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.36	ug/Kg			05/16/24 11:57	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.46	ug/Kg			05/16/24 11:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		72 - 138		05/16/24 11:57	1
4-Bromofluorobenzene	92		63 - 139		05/16/24 11:57	1
Dibromofluoromethane (Surr)	87		54 - 150		05/16/24 11:57	1
Toluene-d8 (Surr)	97		71 - 126		05/16/24 11:57	1

Lab Sample ID: LCS 460-975244/2

Matrix: Solid

Analysis Batch: 975244

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	15.6		ug/Kg		78	72 - 140
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/Kg		105	66 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.8		ug/Kg		89	71 - 141
1,1,2-Trichloroethane	20.0	20.9		ug/Kg		104	80 - 120
1,1-Dichloroethane	20.0	18.1		ug/Kg		90	77 - 129
1,1-Dichloroethene	20.0	19.3		ug/Kg		96	70 - 132
1,2,3-Trichlorobenzene	20.0	18.5		ug/Kg		92	68 - 124
1,2,4-Trichlorobenzene	20.0	18.6		ug/Kg		93	68 - 124
1,2-Dichloropropane	20.0	19.0		ug/Kg		95	73 - 124
1,3-Dichlorobenzene	20.0	18.7		ug/Kg		94	80 - 120
1,4-Dichlorobenzene	20.0	18.8		ug/Kg		94	80 - 120
1,4-Dioxane	400	440		ug/Kg		110	63 - 145
2-Butanone (MEK)	100	86.9		ug/Kg		87	64 - 128
2-Hexanone	100	103		ug/Kg		103	61 - 128
4-Methyl-2-pentanone (MIBK)	100	103		ug/Kg		103	72 - 122
Acetone	100	82.0		ug/Kg		82	63 - 131

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-975244/2

Matrix: Solid

Analysis Batch: 975244

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	19.5		ug/Kg		97	75 - 130
Bromoform	20.0	16.3		ug/Kg		82	18 - 150
Bromomethane	20.0	23.0		ug/Kg		115	40 - 150
Carbon disulfide	20.0	17.3		ug/Kg		87	69 - 141
Carbon tetrachloride	20.0	14.7		ug/Kg		73	54 - 150
Chlorobenzene	20.0	18.9		ug/Kg		95	80 - 120
Chlorobromomethane	20.0	17.5		ug/Kg		87	76 - 127
Chlorodibromomethane	20.0	18.0		ug/Kg		90	42 - 150
Chloroethane	20.0	24.7		ug/Kg		123	60 - 141
Chloroform	20.0	16.8		ug/Kg		84	79 - 126
Chloromethane	20.0	24.0		ug/Kg		120	55 - 139
cis-1,2-Dichloroethene	20.0	18.1		ug/Kg		90	80 - 123
cis-1,3-Dichloropropene	20.0	19.8		ug/Kg		99	70 - 127
Cyclohexane	20.0	17.2		ug/Kg		86	74 - 132
Dichlorobromomethane	20.0	16.9		ug/Kg		85	67 - 124
Dichlorodifluoromethane	20.0	16.4		ug/Kg		82	51 - 138
Ethylbenzene	20.0	19.5		ug/Kg		97	80 - 120
Ethylene Dibromide	20.0	19.3		ug/Kg		97	79 - 120
Isopropylbenzene	20.0	18.7		ug/Kg		94	80 - 120
Methyl acetate	40.0	39.4		ug/Kg		98	52 - 143
Methyl tert-butyl ether	20.0	17.6		ug/Kg		88	74 - 125
Methylcyclohexane	20.0	17.3		ug/Kg		87	70 - 133
Methylene Chloride	20.0	18.0		ug/Kg		90	70 - 130
m-Xylene & p-Xylene	20.0	19.4		ug/Kg		97	80 - 120
o-Xylene	20.0	20.0		ug/Kg		100	80 - 120
Styrene	20.0	20.5		ug/Kg		103	73 - 120
Tetrachloroethene	20.0	17.1		ug/Kg		85	66 - 133
Toluene	20.0	19.1		ug/Kg		96	80 - 120
trans-1,2-Dichloroethene	20.0	17.6		ug/Kg		88	78 - 128
trans-1,3-Dichloropropene	20.0	18.9		ug/Kg		95	69 - 120
Trichloroethene	20.0	16.7		ug/Kg		84	75 - 120
Trichlorofluoromethane	20.0	14.2		ug/Kg		71	55 - 142
Vinyl chloride	20.0	23.9		ug/Kg		120	58 - 147
1,2-Dichloroethane	20.0	16.6		ug/Kg		83	70 - 123
1,2-Dichlorobenzene	20.0	19.3		ug/Kg		97	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/Kg		95	64 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		72 - 138
4-Bromofluorobenzene	92		63 - 139
Dibromofluoromethane (Surr)	87		54 - 150
Toluene-d8 (Surr)	101		71 - 126

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-975244/3

Matrix: Solid

Analysis Batch: 975244

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	16.9		ug/Kg		85	72 - 140	8	30
1,1,2,2-Tetrachloroethane	20.0	21.2		ug/Kg		106	66 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.7		ug/Kg		99	71 - 141	10	30
1,1,2-Trichloroethane	20.0	20.6		ug/Kg		103	80 - 120	2	30
1,1-Dichloroethane	20.0	19.0		ug/Kg		95	77 - 129	5	30
1,1-Dichloroethene	20.0	20.3		ug/Kg		102	70 - 132	5	30
1,2,3-Trichlorobenzene	20.0	18.4		ug/Kg		92	68 - 124	0	30
1,2,4-Trichlorobenzene	20.0	19.1		ug/Kg		95	68 - 124	2	30
1,2-Dichloropropane	20.0	19.3		ug/Kg		97	73 - 124	2	30
1,3-Dichlorobenzene	20.0	19.4		ug/Kg		97	80 - 120	3	30
1,4-Dichlorobenzene	20.0	19.7		ug/Kg		99	80 - 120	5	30
1,4-Dioxane	400	433		ug/Kg		108	63 - 145	2	30
2-Butanone (MEK)	100	90.1		ug/Kg		90	64 - 128	4	30
2-Hexanone	100	100		ug/Kg		100	61 - 128	3	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/Kg		102	72 - 122	1	30
Acetone	100	79.5		ug/Kg		79	63 - 131	3	30
Benzene	20.0	20.4		ug/Kg		102	75 - 130	5	30
Bromoform	20.0	16.3		ug/Kg		81	18 - 150	0	30
Bromomethane	20.0	21.8		ug/Kg		109	40 - 150	6	30
Carbon disulfide	20.0	18.1		ug/Kg		90	69 - 141	4	30
Carbon tetrachloride	20.0	16.4		ug/Kg		82	54 - 150	11	30
Chlorobenzene	20.0	19.6		ug/Kg		98	80 - 120	3	30
Chlorobromomethane	20.0	18.0		ug/Kg		90	76 - 127	3	30
Chlorodibromomethane	20.0	17.9		ug/Kg		89	42 - 150	1	30
Chloroethane	20.0	23.2		ug/Kg		116	60 - 141	6	30
Chloroform	20.0	17.3		ug/Kg		87	79 - 126	3	30
Chloromethane	20.0	21.9		ug/Kg		109	55 - 139	9	30
cis-1,2-Dichloroethene	20.0	18.9		ug/Kg		94	80 - 123	4	30
cis-1,3-Dichloropropene	20.0	20.6		ug/Kg		103	70 - 127	4	30
Cyclohexane	20.0	18.8		ug/Kg		94	74 - 132	9	30
Dichlorobromomethane	20.0	17.2		ug/Kg		86	67 - 124	2	30
Dichlorodifluoromethane	20.0	16.3		ug/Kg		81	51 - 138	1	30
Ethylbenzene	20.0	20.4		ug/Kg		102	80 - 120	4	30
Ethylene Dibromide	20.0	19.4		ug/Kg		97	79 - 120	0	30
Isopropylbenzene	20.0	20.0		ug/Kg		100	80 - 120	6	30
Methyl acetate	40.0	36.8		ug/Kg		92	52 - 143	7	30
Methyl tert-butyl ether	20.0	17.6		ug/Kg		88	74 - 125	0	30
Methylcyclohexane	20.0	19.2		ug/Kg		96	70 - 133	10	30
Methylene Chloride	20.0	18.2		ug/Kg		91	70 - 130	1	30
m-Xylene & p-Xylene	20.0	20.6		ug/Kg		103	80 - 120	6	30
o-Xylene	20.0	20.8		ug/Kg		104	80 - 120	4	30
Styrene	20.0	21.0		ug/Kg		105	73 - 120	2	30
Tetrachloroethene	20.0	18.5		ug/Kg		92	66 - 133	8	30
Toluene	20.0	20.0		ug/Kg		100	80 - 120	5	30
trans-1,2-Dichloroethene	20.0	18.7		ug/Kg		94	78 - 128	6	30
trans-1,3-Dichloropropene	20.0	19.4		ug/Kg		97	69 - 120	2	30
Trichloroethene	20.0	18.0		ug/Kg		90	75 - 120	7	30
Trichlorofluoromethane	20.0	14.6		ug/Kg		73	55 - 142	3	30

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-975244/3

Matrix: Solid

Analysis Batch: 975244

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl chloride	20.0	22.0		ug/Kg		110	58 - 147	8	30
1,2-Dichloroethane	20.0	16.7		ug/Kg		84	70 - 123	0	30
1,2-Dichlorobenzene	20.0	19.9		ug/Kg		100	80 - 120	3	30
1,2-Dibromo-3-Chloropropane	20.0	18.8		ug/Kg		94	64 - 124	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		72 - 138
4-Bromofluorobenzene	94		63 - 139
Dibromofluoromethane (Surr)	87		54 - 150
Toluene-d8 (Surr)	101		71 - 126

Lab Sample ID: MB 460-976945/9

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/26/24 11:53	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			05/26/24 11:53	1
Benzene	1.0	U	1.0	0.20	ug/L			05/26/24 11:53	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/26/24 11:53	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/26/24 11:53	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/26/24 11:53	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/26/24 11:53	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/26/24 11:53	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/26/24 11:53	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/26/24 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 128		05/26/24 11:53	1
4-Bromofluorobenzene	84		76 - 120		05/26/24 11:53	1
Dibromofluoromethane (Surr)	92		77 - 132		05/26/24 11:53	1
Toluene-d8 (Surr)	95		80 - 120		05/26/24 11:53	1

Lab Sample ID: LCS 460-976945/4

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	20.7		ug/L		103	68 - 133
2-Butanone (MEK)	100	89.9		ug/L		90	61 - 142
Benzene	20.0	21.9		ug/L		109	71 - 126
Carbon tetrachloride	20.0	17.0		ug/L		85	65 - 142
Chlorobenzene	20.0	19.0		ug/L		95	80 - 120
Chloroform	20.0	19.1		ug/L		96	78 - 125
Tetrachloroethene	20.0	17.0		ug/L		85	70 - 127
Trichloroethene	20.0	18.5		ug/L		92	51 - 121
Vinyl chloride	20.0	19.1		ug/L		95	55 - 144
1,2-Dichloroethane	20.0	18.3		ug/L		91	66 - 129

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-976945/4

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 128
4-Bromofluorobenzene	86		76 - 120
Dibromofluoromethane (Surr)	89		77 - 132
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: LCSD 460-976945/5

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	20.0	19.2		ug/L		96	68 - 133	7	30
2-Butanone (MEK)	100	85.1		ug/L		85	61 - 142	5	30
Benzene	20.0	19.7		ug/L		98	71 - 126	11	30
Carbon tetrachloride	20.0	15.9		ug/L		80	65 - 142	6	30
Chlorobenzene	20.0	17.7		ug/L		88	80 - 120	7	30
Chloroform	20.0	18.0		ug/L		90	78 - 125	6	30
Tetrachloroethene	20.0	16.0		ug/L		80	70 - 127	6	30
Trichloroethene	20.0	17.2		ug/L		86	51 - 121	7	30
Vinyl chloride	20.0	17.7		ug/L		89	55 - 144	7	30
1,2-Dichloroethane	20.0	18.0		ug/L		90	66 - 129	2	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 128
4-Bromofluorobenzene	86		76 - 120
Dibromofluoromethane (Surr)	92		77 - 132
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: LB 460-976482/1-A

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	10	U	10	2.6	ug/L			05/26/24 13:19	10
2-Butanone (MEK)	50	U	50	19	ug/L			05/26/24 13:19	10
Benzene	10	U	10	2.0	ug/L			05/26/24 13:19	10
Carbon tetrachloride	10	U	10	2.1	ug/L			05/26/24 13:19	10
Chlorobenzene	10	U	10	3.8	ug/L			05/26/24 13:19	10
Chloroform	10	U	10	3.3	ug/L			05/26/24 13:19	10
Tetrachloroethene	10	U	10	2.5	ug/L			05/26/24 13:19	10
Trichloroethene	10	U	10	3.1	ug/L			05/26/24 13:19	10
Vinyl chloride	10	U	10	1.7	ug/L			05/26/24 13:19	10
1,2-Dichloroethane	10	U	10	4.3	ug/L			05/26/24 13:19	10

	LB	LB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	96		70 - 128		05/26/24 13:19	10			
4-Bromofluorobenzene	86		76 - 120		05/26/24 13:19	10			
Dibromofluoromethane (Surr)	97		77 - 132		05/26/24 13:19	10			
Toluene-d8 (Surr)	100		80 - 120		05/26/24 13:19	10			

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 460-303954-1 MS

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: TP-01_20240514

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	10	U	200	203		ug/L		102	68 - 133
2-Butanone (MEK)	50	U	1000	901		ug/L		90	61 - 142
Benzene	10	U	200	216		ug/L		108	71 - 126
Carbon tetrachloride	10	U	200	171		ug/L		85	65 - 142
Chlorobenzene	10	U	200	195		ug/L		97	80 - 120
Chloroform	10	U	200	199		ug/L		99	78 - 125
Tetrachloroethene	10	U	200	173		ug/L		87	70 - 127
Trichloroethene	10	U	200	183		ug/L		92	51 - 121
Vinyl chloride	10	U	200	200		ug/L		100	55 - 144
1,2-Dichloroethane	10	U	200	194		ug/L		97	66 - 129

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 128
4-Bromofluorobenzene	87		76 - 120
Dibromofluoromethane (Surr)	91		77 - 132
Toluene-d8 (Surr)	100		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-975302/1-A

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 975302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	330	U	330	12	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
1,2,4,5-Tetrachlorobenzene	330	U	330	10	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,2'-oxybis[1-chloropropane]	330	U	330	20	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,3,4,6-Tetrachlorophenol	330	U	330	22	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,4,5-Trichlorophenol	330	U	330	34	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,4,6-Trichlorophenol	130	U	130	42	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,4-Dichlorophenol	130	U	130	21	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,4-Dimethylphenol	330	U	330	39	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,4-Dinitrophenol	270	U	270	160	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,4-Dinitrotoluene	67	U	67	36	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2,6-Dinitrotoluene	67	U	67	24	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2-Chloronaphthalene	330	U	330	15	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2-Chlorophenol	330	U	330	12	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2-Methylnaphthalene	330	U	330	9.3	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2-Methylphenol	330	U	330	12	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2-Nitroaniline	330	U	330	25	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
2-Nitrophenol	330	U	330	33	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
3,3'-Dichlorobenzidine	130	U	130	50	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
3-Nitroaniline	330	U	330	79	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
4,6-Dinitro-2-methylphenol	270	U	270	140	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
4-Bromophenyl phenyl ether	330	U	330	13	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
4-Chloro-3-methylphenol	330	U	330	19	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
4-Chloroaniline	330	U	330	59	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
4-Chlorophenyl phenyl ether	330	U	330	12	ug/Kg		05/16/24 16:56	05/17/24 10:14	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-975302/1-A
Matrix: Solid
Analysis Batch: 975468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 975302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	330	U	330	21	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
4-Nitroaniline	330	U	330	38	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
4-Nitrophenol	670	U	670	54	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Acenaphthene	330	U	330	9.4	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Acenaphthylene	330	U	330	9.5	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Acetophenone	330	U	330	16	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Anthracene	330	U	330	10	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Atrazine	130	U	130	19	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Benzaldehyde	330	U	330	55	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Benzo[a]anthracene	33	U	33	25	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Benzo[a]pyrene	33	U	33	8.8	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Benzo[b]fluoranthene	33	U	33	8.6	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Benzo[g,h,i]perylene	330	U	330	9.8	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Benzo[k]fluoranthene	33	U	33	6.5	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Bis(2-chloroethoxy)methane	330	U	330	26	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Bis(2-chloroethyl)ether	33	U	33	12	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Bis(2-ethylhexyl) phthalate	330	U	330	17	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Butyl benzyl phthalate	330	U	330	16	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Caprolactam	330	U	330	51	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Carbazole	330	U	330	13	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Chrysene	330	U	330	14	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Dibenz(a,h)anthracene	33	U	33	14	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Dibenzofuran	330	U	330	11	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Diethyl phthalate	330	U	330	11	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Dimethyl phthalate	330	U	330	75	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Di-n-butyl phthalate	330	U	330	12	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Di-n-octyl phthalate	330	U	330	18	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Fluoranthene	330	U	330	12	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Fluorene	330	U	330	9.7	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Hexachlorobenzene	33	U	33	16	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Hexachlorobutadiene	67	U	67	7.0	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Hexachlorocyclopentadiene	330	U	330	29	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Hexachloroethane	33	U	33	11	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Indeno[1,2,3-cd]pyrene	33	U	33	13	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Isophorone	130	U	130	96	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Naphthalene	330	U	330	5.7	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Nitrobenzene	33	U	33	18	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
N-Nitrosodi-n-propylamine	33	U	33	24	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
N-Nitrosodiphenylamine	330	U	330	27	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Pentachlorophenol	270	U	270	68	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Phenanthrene	330	U	330	14	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Phenol	330	U	330	12	ug/Kg		05/16/24 16:56	05/17/24 10:14	1
Pyrene	330	U	330	8.2	ug/Kg		05/16/24 16:56	05/17/24 10:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	95		24 - 137	05/16/24 16:56	05/17/24 10:14	1
2-Fluorobiphenyl	85		48 - 120	05/16/24 16:56	05/17/24 10:14	1
2-Fluorophenol (Surr)	89		31 - 120	05/16/24 16:56	05/17/24 10:14	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-975302/1-A

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 975302

	MB	MB			
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed
Nitrobenzene-d5 (Surr)	87		38 - 120	05/16/24 16:56	05/17/24 10:14
Phenol-d5 (Surr)	90		39 - 120	05/16/24 16:56	05/17/24 10:14
Terphenyl-d14 (Surr)	96		25 - 126	05/16/24 16:56	05/17/24 10:14

Lab Sample ID: LCS 460-975302/2-A

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3330	2870		ug/Kg		86	68 - 120
1,2,4,5-Tetrachlorobenzene	3330	2730		ug/Kg		82	65 - 120
2,2'-oxybis[1-chloropropane]	3330	2810		ug/Kg		84	43 - 126
2,3,4,6-Tetrachlorophenol	3330	2940		ug/Kg		88	66 - 127
2,4,5-Trichlorophenol	3330	2910		ug/Kg		87	67 - 120
2,4,6-Trichlorophenol	3330	3080		ug/Kg		92	67 - 120
2,4-Dichlorophenol	3330	2980		ug/Kg		89	66 - 120
2,4-Dimethylphenol	3330	2330		ug/Kg		70	62 - 120
2,4-Dinitrophenol	6670	6140		ug/Kg		92	27 - 150
2,4-Dinitrotoluene	3330	3150		ug/Kg		95	70 - 131
2,6-Dinitrotoluene	3330	3180		ug/Kg		95	72 - 121
2-Chloronaphthalene	3330	2800		ug/Kg		84	68 - 120
2-Chlorophenol	3330	2820		ug/Kg		85	63 - 120
2-Methylnaphthalene	3330	2900		ug/Kg		87	64 - 120
2-Methylphenol	3330	2830		ug/Kg		85	58 - 120
2-Nitroaniline	3330	3090		ug/Kg		93	48 - 129
2-Nitrophenol	3330	2830		ug/Kg		85	64 - 120
3,3'-Dichlorobenzidine	3330	2680		ug/Kg		80	10 - 136
3-Nitroaniline	3330	2470		ug/Kg		74	20 - 132
4,6-Dinitro-2-methylphenol	6670	6720		ug/Kg		101	47 - 150
4-Bromophenyl phenyl ether	3330	2820		ug/Kg		85	62 - 120
4-Chloro-3-methylphenol	3330	3000		ug/Kg		90	66 - 120
4-Chloroaniline	3330	2130		ug/Kg		64	10 - 128
4-Chlorophenyl phenyl ether	3330	2820		ug/Kg		85	69 - 120
4-Methylphenol	3330	2960		ug/Kg		89	55 - 120
4-Nitroaniline	3330	2830		ug/Kg		85	52 - 120
4-Nitrophenol	6670	6620		ug/Kg		99	43 - 135
Acenaphthene	3330	2870		ug/Kg		86	61 - 120
Acenaphthylene	3330	2680		ug/Kg		81	64 - 120
Acetophenone	3330	2810		ug/Kg		84	57 - 120
Anthracene	3330	2800		ug/Kg		84	67 - 120
Atrazine	1330	1350		ug/Kg		101	34 - 120
Benzaldehyde	1330	1240		ug/Kg		93	28 - 150
Benzo[a]anthracene	3330	3050		ug/Kg		92	69 - 120
Benzo[a]pyrene	3330	3210		ug/Kg		96	66 - 123
Benzo[b]fluoranthene	3330	2930		ug/Kg		88	70 - 125
Benzo[g,h,i]perylene	3330	2850		ug/Kg		85	66 - 120
Benzo[k]fluoranthene	3330	3050		ug/Kg		91	71 - 122
Bis(2-chloroethoxy)methane	3330	2810		ug/Kg		84	62 - 120

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-975302/2-A

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	3330	2810		ug/Kg		84	54 - 120
Bis(2-ethylhexyl) phthalate	3330	3090		ug/Kg		93	68 - 125
Butyl benzyl phthalate	3330	3130		ug/Kg		94	69 - 127
Caprolactam	1330	1170		ug/Kg		88	26 - 150
Carbazole	3330	2910		ug/Kg		87	64 - 120
Chrysene	3330	3070		ug/Kg		92	63 - 120
Dibenz(a,h)anthracene	3330	3270		ug/Kg		98	66 - 128
Dibenzofuran	3330	2840		ug/Kg		85	70 - 120
Diethyl phthalate	3330	2900		ug/Kg		87	69 - 120
Dimethyl phthalate	3330	2880		ug/Kg		86	70 - 120
Di-n-butyl phthalate	3330	3000		ug/Kg		90	66 - 120
Di-n-octyl phthalate	3330	3020		ug/Kg		91	65 - 143
Fluoranthene	3330	2870		ug/Kg		86	66 - 120
Fluorene	3330	2860		ug/Kg		86	70 - 120
Hexachlorobenzene	3330	2850		ug/Kg		85	56 - 120
Hexachlorobutadiene	3330	2870		ug/Kg		86	62 - 120
Hexachlorocyclopentadiene	3330	1870		ug/Kg		56	38 - 120
Hexachloroethane	3330	2770		ug/Kg		83	57 - 120
Indeno[1,2,3-cd]pyrene	3330	3160		ug/Kg		95	62 - 148
Isophorone	3330	2840		ug/Kg		85	60 - 120
Naphthalene	3330	2750		ug/Kg		82	63 - 120
Nitrobenzene	3330	2920		ug/Kg		88	63 - 120
N-Nitrosodi-n-propylamine	3330	2820		ug/Kg		85	55 - 120
N-Nitrosodiphenylamine	3330	2900		ug/Kg		87	63 - 120
Pentachlorophenol	6670	6350		ug/Kg		95	51 - 126
Phenanthrene	3330	2850		ug/Kg		85	66 - 120
Phenol	3330	2840		ug/Kg		85	57 - 120
Pyrene	3330	2960		ug/Kg		89	67 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	92		24 - 137
2-Fluorobiphenyl	87		48 - 120
2-Fluorophenol (Surr)	87		31 - 120
Nitrobenzene-d5 (Surr)	89		38 - 120
Phenol-d5 (Surr)	93		39 - 120
Terphenyl-d14 (Surr)	91		25 - 126

Lab Sample ID: LCSD 460-975302/3-A

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3330	2750		ug/Kg		83	68 - 120	4	30
1,2,4,5-Tetrachlorobenzene	3330	2650		ug/Kg		79	65 - 120	3	30
2,2'-oxybis[1-chloropropane]	3330	2760		ug/Kg		83	43 - 126	2	30
2,3,4,6-Tetrachlorophenol	3330	2820		ug/Kg		85	66 - 127	4	30
2,4,5-Trichlorophenol	3330	2770		ug/Kg		83	67 - 120	5	30
2,4,6-Trichlorophenol	3330	2960		ug/Kg		89	67 - 120	4	30

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-975302/3-A

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dichlorophenol	3330	2860		ug/Kg		86	66 - 120	4	30
2,4-Dimethylphenol	3330	2240		ug/Kg		67	62 - 120	4	30
2,4-Dinitrophenol	6670	6080		ug/Kg		91	27 - 150	1	30
2,4-Dinitrotoluene	3330	3050		ug/Kg		92	70 - 131	3	30
2,6-Dinitrotoluene	3330	3070		ug/Kg		92	72 - 121	3	30
2-Chloronaphthalene	3330	2690		ug/Kg		81	68 - 120	4	30
2-Chlorophenol	3330	2790		ug/Kg		84	63 - 120	1	30
2-Methylnaphthalene	3330	2810		ug/Kg		84	64 - 120	3	30
2-Methylphenol	3330	2800		ug/Kg		84	58 - 120	1	30
2-Nitroaniline	3330	2960		ug/Kg		89	48 - 129	4	30
2-Nitrophenol	3330	2750		ug/Kg		82	64 - 120	3	30
3,3'-Dichlorobenzidine	3330	2580		ug/Kg		77	10 - 136	4	30
3-Nitroaniline	3330	2340		ug/Kg		70	20 - 132	5	30
4,6-Dinitro-2-methylphenol	6670	6470		ug/Kg		97	47 - 150	4	30
4-Bromophenyl phenyl ether	3330	2630		ug/Kg		79	62 - 120	7	30
4-Chloro-3-methylphenol	3330	2890		ug/Kg		87	66 - 120	4	30
4-Chloroaniline	3330	2000		ug/Kg		60	10 - 128	6	30
4-Chlorophenyl phenyl ether	3330	2700		ug/Kg		81	69 - 120	4	30
4-Methylphenol	3330	2880		ug/Kg		86	55 - 120	3	30
4-Nitroaniline	3330	2740		ug/Kg		82	52 - 120	3	30
4-Nitrophenol	6670	6430		ug/Kg		96	43 - 135	3	30
Acenaphthene	3330	2780		ug/Kg		83	61 - 120	3	30
Acenaphthylene	3330	2590		ug/Kg		78	64 - 120	4	30
Acetophenone	3330	2820		ug/Kg		85	57 - 120	0	30
Anthracene	3330	2670		ug/Kg		80	67 - 120	5	30
Atrazine	1330	1350		ug/Kg		102	34 - 120	0	30
Benzaldehyde	1330	1340		ug/Kg		100	28 - 150	8	30
Benzo[a]anthracene	3330	2930		ug/Kg		88	69 - 120	4	30
Benzo[a]pyrene	3330	3060		ug/Kg		92	66 - 123	5	30
Benzo[b]fluoranthene	3330	3020		ug/Kg		90	70 - 125	3	30
Benzo[g,h,i]perylene	3330	2720		ug/Kg		82	66 - 120	5	30
Benzo[k]fluoranthene	3330	2730		ug/Kg		82	71 - 122	11	30
Bis(2-chloroethoxy)methane	3330	2690		ug/Kg		81	62 - 120	4	30
Bis(2-chloroethyl)ether	3330	2760		ug/Kg		83	54 - 120	2	30
Bis(2-ethylhexyl) phthalate	3330	3000		ug/Kg		90	68 - 125	3	30
Butyl benzyl phthalate	3330	3000		ug/Kg		90	69 - 127	4	30
Caprolactam	1330	1210		ug/Kg		91	26 - 150	4	30
Carbazole	3330	2780		ug/Kg		83	64 - 120	5	30
Chrysene	3330	2980		ug/Kg		89	63 - 120	3	30
Dibenz(a,h)anthracene	3330	3110		ug/Kg		93	66 - 128	5	30
Dibenzofuran	3330	2730		ug/Kg		82	70 - 120	4	30
Diethyl phthalate	3330	2790		ug/Kg		84	69 - 120	4	30
Dimethyl phthalate	3330	2790		ug/Kg		84	70 - 120	3	30
Di-n-butyl phthalate	3330	2840		ug/Kg		85	66 - 120	6	30
Di-n-octyl phthalate	3330	2890		ug/Kg		87	65 - 143	4	30
Fluoranthene	3330	2730		ug/Kg		82	66 - 120	5	30
Fluorene	3330	2760		ug/Kg		83	70 - 120	3	30
Hexachlorobenzene	3330	2670		ug/Kg		80	56 - 120	6	30
Hexachlorobutadiene	3330	2720		ug/Kg		81	62 - 120	6	30

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-975302/3-A

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorocyclopentadiene	3330	1800		ug/Kg		54	38 - 120	4	30
Hexachloroethane	3330	2710		ug/Kg		81	57 - 120	3	30
Indeno[1,2,3-cd]pyrene	3330	3010		ug/Kg		90	62 - 148	5	30
Isophorone	3330	2740		ug/Kg		82	60 - 120	4	30
Naphthalene	3330	2660		ug/Kg		80	63 - 120	3	30
Nitrobenzene	3330	2840		ug/Kg		85	63 - 120	3	30
N-Nitrosodi-n-propylamine	3330	2780		ug/Kg		83	55 - 120	1	30
N-Nitrosodiphenylamine	3330	2740		ug/Kg		82	63 - 120	6	30
Pentachlorophenol	6670	6100		ug/Kg		91	51 - 126	4	30
Phenanthrene	3330	2670		ug/Kg		80	66 - 120	6	30
Phenol	3330	2780		ug/Kg		83	57 - 120	2	30
Pyrene	3330	2870		ug/Kg		86	67 - 121	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	91		24 - 137
2-Fluorobiphenyl	84		48 - 120
2-Fluorophenol (Surr)	87		31 - 120
Nitrobenzene-d5 (Surr)	86		38 - 120
Phenol-d5 (Surr)	92		39 - 120
Terphenyl-d14 (Surr)	89		25 - 126

Lab Sample ID: 460-303960-F-1-E MS

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	330	U	3340	2680		ug/Kg	✱	80	68 - 120
1,2,4,5-Tetrachlorobenzene	330	U	3340	2580		ug/Kg	✱	77	65 - 120
2,2'-oxybis[1-chloropropane]	330	U	3340	2470		ug/Kg	✱	74	43 - 126
2,3,4,6-Tetrachlorophenol	330	U F1 F2	3340	2870		ug/Kg	✱	86	66 - 127
2,4,5-Trichlorophenol	330	U F1 F2	3340	2790		ug/Kg	✱	83	67 - 120
2,4,6-Trichlorophenol	130	U F1 F2	3340	2950		ug/Kg	✱	88	67 - 120
2,4-Dichlorophenol	130	U	3340	2950		ug/Kg	✱	88	66 - 120
2,4-Dimethylphenol	330	U F1	3340	2300		ug/Kg	✱	69	62 - 120
2,4-Dinitrophenol	270	U F1 F2	6680	3400		ug/Kg	✱	51	27 - 150
2,4-Dinitrotoluene	67	U	3340	2980		ug/Kg	✱	89	70 - 131
2,6-Dinitrotoluene	67	U	3340	3000		ug/Kg	✱	90	72 - 121
2-Chloronaphthalene	330	U	3340	2630		ug/Kg	✱	79	68 - 120
2-Chlorophenol	330	U	3340	2720		ug/Kg	✱	81	63 - 120
2-Methylnaphthalene	330	U	3340	2760		ug/Kg	✱	83	64 - 120
2-Methylphenol	330	U	3340	2760		ug/Kg	✱	83	58 - 120
2-Nitroaniline	330	U	3340	2910		ug/Kg	✱	87	48 - 129
2-Nitrophenol	330	U F1 F2	3340	2650		ug/Kg	✱	79	64 - 120
3,3'-Dichlorobenzidine	130	U	3340	2520		ug/Kg	✱	75	10 - 136
3-Nitroaniline	330	U	3340	2160		ug/Kg	✱	65	20 - 132
4,6-Dinitro-2-methylphenol	270	U F1 F2	6680	4810		ug/Kg	✱	72	47 - 150
4-Bromophenyl phenyl ether	330	U	3340	2730		ug/Kg	✱	82	62 - 120
4-Chloro-3-methylphenol	330	U	3340	2910		ug/Kg	✱	87	66 - 120

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-303960-F-1-E MS

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloroaniline	330	U	3340	1620		ug/Kg	✖	48	10 - 128
4-Chlorophenyl phenyl ether	330	U	3340	2690		ug/Kg	✖	80	69 - 120
4-Methylphenol	330	U	3340	2750		ug/Kg	✖	82	55 - 120
4-Nitroaniline	330	U	3340	2520		ug/Kg	✖	75	52 - 120
4-Nitrophenol	670	U F2	6680	6260		ug/Kg	✖	94	43 - 135
Acenaphthene	330	U	3340	2730		ug/Kg	✖	82	61 - 120
Acenaphthylene	330	U	3340	2520		ug/Kg	✖	76	64 - 120
Acetophenone	330	U	3340	2690		ug/Kg	✖	80	57 - 120
Anthracene	330	U	3340	2730		ug/Kg	✖	82	67 - 120
Atrazine	130	U	1340	1460		ug/Kg	✖	110	34 - 120
Benzaldehyde	330	U	1340	1560		ug/Kg	✖	117	28 - 150
Benzo[a]anthracene	33	U	3340	3010		ug/Kg	✖	90	69 - 120
Benzo[a]pyrene	33	U	3340	3060		ug/Kg	✖	92	66 - 123
Benzo[b]fluoranthene	33	U	3340	2940		ug/Kg	✖	88	70 - 125
Benzo[g,h,i]perylene	330	U	3340	2840		ug/Kg	✖	85	66 - 120
Benzo[k]fluoranthene	33	U	3340	2680		ug/Kg	✖	80	71 - 122
Bis(2-chloroethoxy)methane	330	U	3340	2610		ug/Kg	✖	78	62 - 120
Bis(2-chloroethyl)ether	33	U	3340	2530		ug/Kg	✖	76	54 - 120
Bis(2-ethylhexyl) phthalate	330	U	3340	3030		ug/Kg	✖	91	68 - 125
Butyl benzyl phthalate	330	U	3340	3030		ug/Kg	✖	91	69 - 127
Caprolactam	330	U	1340	1230		ug/Kg	✖	92	26 - 150
Carbazole	330	U	3340	2780		ug/Kg	✖	83	64 - 120
Chrysene	330	U	3340	2870		ug/Kg	✖	86	63 - 120
Dibenz(a,h)anthracene	33	U	3340	3250		ug/Kg	✖	97	66 - 128
Dibenzofuran	330	U	3340	2730		ug/Kg	✖	82	70 - 120
Diethyl phthalate	330	U	3340	2770		ug/Kg	✖	83	69 - 120
Dimethyl phthalate	330	U	3340	2760		ug/Kg	✖	83	70 - 120
Di-n-butyl phthalate	330	U	3340	2870		ug/Kg	✖	86	66 - 120
Di-n-octyl phthalate	330	U	3340	2810		ug/Kg	✖	84	65 - 143
Fluoranthene	330	U	3340	2790		ug/Kg	✖	84	66 - 120
Fluorene	330	U	3340	2760		ug/Kg	✖	83	70 - 120
Hexachlorobenzene	33	U	3340	2820		ug/Kg	✖	84	56 - 120
Hexachlorobutadiene	67	U	3340	2670		ug/Kg	✖	80	62 - 120
Hexachlorocyclopentadiene	330	U F1 F2	3340	1320		ug/Kg	✖	39	38 - 120
Hexachloroethane	33	U	3340	2560		ug/Kg	✖	77	57 - 120
Indeno[1,2,3-cd]pyrene	33	U	3340	3130		ug/Kg	✖	94	62 - 148
Isophorone	130	U F1	3340	5400	F1	ug/Kg	✖	162	60 - 120
Naphthalene	330	U	3340	2540		ug/Kg	✖	76	63 - 120
Nitrobenzene	33	U	3340	2760		ug/Kg	✖	83	63 - 120
N-Nitrosodi-n-propylamine	33	U	3340	2660		ug/Kg	✖	80	55 - 120
N-Nitrosodiphenylamine	330	U	3340	2740		ug/Kg	✖	82	63 - 120
Pentachlorophenol	270	U F1 F2	6680	6100		ug/Kg	✖	91	51 - 126
Phenanthrene	330	U	3340	2720		ug/Kg	✖	81	66 - 120
Phenol	330	U	3340	2650		ug/Kg	✖	79	57 - 120
Pyrene	330	U	3340	2910		ug/Kg	✖	87	67 - 121

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	94		24 - 137

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-303960-F-1-E MS

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 975302

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	82		48 - 120
2-Fluorophenol (Surr)	80		31 - 120
Nitrobenzene-d5 (Surr)	82		38 - 120
Phenol-d5 (Surr)	88		39 - 120
Terphenyl-d14 (Surr)	90		25 - 126

Lab Sample ID: 460-303960-F-1-F MSD

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	330	U	3340	2410		ug/Kg	✱	72	68 - 120	10	30
1,2,4,5-Tetrachlorobenzene	330	U	3340	2340		ug/Kg	✱	70	65 - 120	9	30
2,2'-oxybis[1-chloropropane]	330	U	3340	2260		ug/Kg	✱	68	43 - 126	9	30
2,3,4,6-Tetrachlorophenol	330	U F1 F2	3340	1580	F1 F2	ug/Kg	✱	47	66 - 127	58	30
2,4,5-Trichlorophenol	330	U F1 F2	3340	1860	F1 F2	ug/Kg	✱	56	67 - 120	40	30
2,4,6-Trichlorophenol	130	U F1 F2	3340	1810	F1 F2	ug/Kg	✱	54	67 - 120	48	30
2,4-Dichlorophenol	130	U	3340	2370		ug/Kg	✱	71	66 - 120	22	30
2,4-Dimethylphenol	330	U F1	3340	1920	F1	ug/Kg	✱	57	62 - 120	18	30
2,4-Dinitrophenol	270	U F1 F2	6680	432	F1 F2	ug/Kg	✱	6	27 - 150	155	30
2,4-Dinitrotoluene	67	U	3340	2570		ug/Kg	✱	77	70 - 131	15	30
2,6-Dinitrotoluene	67	U	3340	2700		ug/Kg	✱	81	72 - 121	11	30
2-Chloronaphthalene	330	U	3340	2380		ug/Kg	✱	71	68 - 120	10	30
2-Chlorophenol	330	U	3340	2290		ug/Kg	✱	69	63 - 120	17	30
2-Methylnaphthalene	330	U	3340	2500		ug/Kg	✱	75	64 - 120	10	30
2-Methylphenol	330	U	3340	2420		ug/Kg	✱	72	58 - 120	13	30
2-Nitroaniline	330	U	3340	2600		ug/Kg	✱	78	48 - 129	11	30
2-Nitrophenol	330	U F1 F2	3340	805	F1 F2	ug/Kg	✱	24	64 - 120	107	30
3,3'-Dichlorobenzidine	130	U	3340	1860		ug/Kg	✱	56	10 - 136	30	30
3-Nitroaniline	330	U	3340	1980		ug/Kg	✱	59	20 - 132	8	30
4,6-Dinitro-2-methylphenol	270	U F1 F2	6680	961	F1 F2	ug/Kg	✱	14	47 - 150	133	30
4-Bromophenyl phenyl ether	330	U	3340	2410		ug/Kg	✱	72	62 - 120	12	30
4-Chloro-3-methylphenol	330	U	3340	2510		ug/Kg	✱	75	66 - 120	15	30
4-Chloroaniline	330	U	3340	1420		ug/Kg	✱	43	10 - 128	13	30
4-Chlorophenyl phenyl ether	330	U	3340	2410		ug/Kg	✱	72	69 - 120	11	30
4-Methylphenol	330	U	3340	2530		ug/Kg	✱	76	55 - 120	8	30
4-Nitroaniline	330	U	3340	2330		ug/Kg	✱	70	52 - 120	8	30
4-Nitrophenol	670	U F2	6680	3390	F2	ug/Kg	✱	51	43 - 135	59	30
Acenaphthene	330	U	3340	2450		ug/Kg	✱	73	61 - 120	11	30
Acenaphthylene	330	U	3340	2270		ug/Kg	✱	68	64 - 120	10	30
Acetophenone	330	U	3340	2410		ug/Kg	✱	72	57 - 120	11	30
Anthracene	330	U	3340	2380		ug/Kg	✱	71	67 - 120	14	30
Atrazine	130	U	1340	1350		ug/Kg	✱	101	34 - 120	8	30
Benzaldehyde	330	U	1340	1420		ug/Kg	✱	106	28 - 150	10	30
Benzo[a]anthracene	33	U	3340	2640		ug/Kg	✱	79	69 - 120	13	30
Benzo[a]pyrene	33	U	3340	2710		ug/Kg	✱	81	66 - 123	12	30
Benzo[b]fluoranthene	33	U	3340	2590		ug/Kg	✱	78	70 - 125	12	30
Benzo[g,h,i]perylene	330	U	3340	2510		ug/Kg	✱	75	66 - 120	12	30

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-303960-F-1-F MSD

Matrix: Solid

Analysis Batch: 975468

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 975302

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[k]fluoranthene	33	U	3340	2370		ug/Kg	✖	71	71 - 122	12	30
Bis(2-chloroethoxy)methane	330	U	3340	2370		ug/Kg	✖	71	62 - 120	10	30
Bis(2-chloroethyl)ether	33	U	3340	2280		ug/Kg	✖	68	54 - 120	10	30
Bis(2-ethylhexyl) phthalate	330	U	3340	2640		ug/Kg	✖	79	68 - 125	14	30
Butyl benzyl phthalate	330	U	3340	2660		ug/Kg	✖	80	69 - 127	13	30
Caprolactam	330	U	1340	1090		ug/Kg	✖	82	26 - 150	12	30
Carbazole	330	U	3340	2430		ug/Kg	✖	73	64 - 120	13	30
Chrysene	330	U	3340	2610		ug/Kg	✖	78	63 - 120	10	30
Dibenz(a,h)anthracene	33	U	3340	2850		ug/Kg	✖	85	66 - 128	13	30
Dibenzofuran	330	U	3340	2430		ug/Kg	✖	73	70 - 120	11	30
Diethyl phthalate	330	U	3340	2450		ug/Kg	✖	73	69 - 120	12	30
Dimethyl phthalate	330	U	3340	2450		ug/Kg	✖	73	70 - 120	12	30
Di-n-butyl phthalate	330	U	3340	2510		ug/Kg	✖	75	66 - 120	13	30
Di-n-octyl phthalate	330	U	3340	2470		ug/Kg	✖	74	65 - 143	13	30
Fluoranthene	330	U	3340	2430		ug/Kg	✖	73	66 - 120	14	30
Fluorene	330	U	3340	2450		ug/Kg	✖	73	70 - 120	12	30
Hexachlorobenzene	33	U	3340	2450		ug/Kg	✖	73	56 - 120	14	30
Hexachlorobutadiene	67	U	3340	2430		ug/Kg	✖	73	62 - 120	10	30
Hexachlorocyclopentadiene	330	U F1 F2	3340	625	F1 F2	ug/Kg	✖	19	38 - 120	71	30
Hexachloroethane	33	U	3340	2300		ug/Kg	✖	69	57 - 120	11	30
Indeno[1,2,3-cd]pyrene	33	U	3340	2780		ug/Kg	✖	83	62 - 148	12	30
Isophorone	130	U F1	3340	3980		ug/Kg	✖	119	60 - 120	30	30
Naphthalene	330	U	3340	2290		ug/Kg	✖	69	63 - 120	10	30
Nitrobenzene	33	U	3340	2490		ug/Kg	✖	75	63 - 120	10	30
N-Nitrosodi-n-propylamine	33	U	3340	2380		ug/Kg	✖	71	55 - 120	11	30
N-Nitrosodiphenylamine	330	U	3340	2410		ug/Kg	✖	72	63 - 120	13	30
Pentachlorophenol	270	U F1 F2	6680	2400	F1 F2	ug/Kg	✖	36	51 - 126	87	30
Phenanthrene	330	U	3340	2390		ug/Kg	✖	71	66 - 120	13	30
Phenol	330	U	3340	2270		ug/Kg	✖	68	57 - 120	15	30
Pyrene	330	U	3340	2530		ug/Kg	✖	76	67 - 121	14	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	60		24 - 137
2-Fluorobiphenyl	74		48 - 120
2-Fluorophenol (Surr)	62		31 - 120
Nitrobenzene-d5 (Surr)	73		38 - 120
Phenol-d5 (Surr)	77		39 - 120
Terphenyl-d14 (Surr)	78		25 - 126

Lab Sample ID: MB 460-976217/1-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	10	U	10	0.40	ug/L		05/22/24 08:27	05/22/24 18:42	1
2,4,5-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:27	05/22/24 18:42	1
2,4,6-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:27	05/22/24 18:42	1
3 & 4 Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:27	05/22/24 18:42	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-976217/1-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		05/22/24 08:27	05/22/24 18:42	1
2-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:27	05/22/24 18:42	1
Pyridine	10	U	10	1.9	ug/L		05/22/24 08:27	05/22/24 18:42	1
4-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:27	05/22/24 18:42	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		05/22/24 08:27	05/22/24 18:42	1
Hexachlorobutadiene	2.0	U	2.0	0.80	ug/L		05/22/24 08:27	05/22/24 18:42	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		05/22/24 08:27	05/22/24 18:42	1
Nitrobenzene	1.0	U	1.0	0.60	ug/L		05/22/24 08:27	05/22/24 18:42	1
Pentachlorophenol	30	U	30	1.4	ug/L		05/22/24 08:27	05/22/24 18:42	1
Phenol	10	U	10	0.30	ug/L		05/22/24 08:27	05/22/24 18:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	117		37 - 150	05/22/24 08:27	05/22/24 18:42	1
2-Fluorobiphenyl	98		46 - 139	05/22/24 08:27	05/22/24 18:42	1
2-Fluorophenol	47		16 - 80	05/22/24 08:27	05/22/24 18:42	1
Nitrobenzene-d5	93		51 - 145	05/22/24 08:27	05/22/24 18:42	1
Phenol-d5	32		10 - 56	05/22/24 08:27	05/22/24 18:42	1
Terphenyl-d14	106		13 - 150	05/22/24 08:27	05/22/24 18:42	1

Lab Sample ID: LCS 460-976217/2-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	80.0	42.9		ug/L		54	21 - 120
2,4,5-Trichlorophenol	80.0	88.0		ug/L		110	67 - 131
2,4,6-Trichlorophenol	80.0	90.8		ug/L		113	68 - 134
3 & 4 Methylphenol	80.0	45.7		ug/L		57	37 - 120
2,4-Dinitrotoluene	80.0	94.6		ug/L		118	68 - 146
2-Methylphenol	80.0	49.2		ug/L		62	44 - 120
Pyridine	160	43.5		ug/L		27	13 - 120
4-Methylphenol	80.0	44.7		ug/L		56	37 - 120
Hexachlorobenzene	80.0	94.5		ug/L		118	61 - 142
Hexachlorobutadiene	80.0	45.9		ug/L		57	21 - 120
Hexachloroethane	80.0	34.2		ug/L		43	16 - 120
Nitrobenzene	80.0	77.3		ug/L		97	64 - 120
Pentachlorophenol	160	185		ug/L		115	51 - 150
Phenol	80.0	23.7		ug/L		30	17 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	125		37 - 150
2-Fluorobiphenyl	94		46 - 139
2-Fluorophenol	39		16 - 80
Nitrobenzene-d5	83		51 - 145
Phenol-d5	27		10 - 56
Terphenyl-d14	91		13 - 150

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-976217/3-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 976217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	80.0	43.7		ug/L		55	21 - 120	2	30
2,4,5-Trichlorophenol	80.0	86.9		ug/L		109	67 - 131	1	30
2,4,6-Trichlorophenol	80.0	89.9		ug/L		112	68 - 134	1	30
3 & 4 Methylphenol	80.0	45.4		ug/L		57	37 - 120	1	30
2,4-Dinitrotoluene	80.0	93.4		ug/L		117	68 - 146	1	30
2-Methylphenol	80.0	50.2		ug/L		63	44 - 120	2	30
Pyridine	160	46.1		ug/L		29	13 - 120	6	30
4-Methylphenol	80.0	44.3		ug/L		55	37 - 120	1	30
Hexachlorobenzene	80.0	93.0		ug/L		116	61 - 142	2	30
Hexachlorobutadiene	80.0	46.3		ug/L		58	21 - 120	1	30
Hexachloroethane	80.0	34.0		ug/L		42	16 - 120	1	30
Nitrobenzene	80.0	77.1		ug/L		96	64 - 120	0	30
Pentachlorophenol	160	182		ug/L		114	51 - 150	1	30
Phenol	80.0	24.1		ug/L		30	17 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	124		37 - 150
2-Fluorobiphenyl	94		46 - 139
2-Fluorophenol	40		16 - 80
Nitrobenzene-d5	82		51 - 145
Phenol-d5	27		10 - 56
Terphenyl-d14	90		13 - 150

Lab Sample ID: LB 460-976087/1-C

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976217

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	10	U	10	0.40	ug/L		05/22/24 08:28	05/22/24 19:24	1
2,4,5-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:28	05/22/24 19:24	1
2,4,6-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:28	05/22/24 19:24	1
3 & 4 Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/22/24 19:24	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		05/22/24 08:28	05/22/24 19:24	1
2-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/22/24 19:24	1
Pyridine	10	U	10	1.9	ug/L		05/22/24 08:28	05/22/24 19:24	1
4-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/22/24 19:24	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		05/22/24 08:28	05/22/24 19:24	1
Hexachlorobutadiene	2.0	U	2.0	0.80	ug/L		05/22/24 08:28	05/22/24 19:24	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		05/22/24 08:28	05/22/24 19:24	1
Nitrobenzene	1.0	U	1.0	0.60	ug/L		05/22/24 08:28	05/22/24 19:24	1
Pentachlorophenol	30	U	30	1.4	ug/L		05/22/24 08:28	05/22/24 19:24	1
Phenol	10	U	10	0.30	ug/L		05/22/24 08:28	05/22/24 19:24	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	122		37 - 150	05/22/24 08:28	05/22/24 19:24	1
2-Fluorobiphenyl	98		46 - 139	05/22/24 08:28	05/22/24 19:24	1
2-Fluorophenol	47		16 - 80	05/22/24 08:28	05/22/24 19:24	1
Nitrobenzene-d5	97		51 - 145	05/22/24 08:28	05/22/24 19:24	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 460-976087/1-C

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976217

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	32		10 - 56	05/22/24 08:28	05/22/24 19:24	1
Terphenyl-d14	122		13 - 150	05/22/24 08:28	05/22/24 19:24	1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-976245/1-A

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	5.0	U	5.0	0.055	ug/L		05/22/24 10:43	05/23/24 04:12	1
Chlordane (technical)	5.0	U	5.0	0.055	ug/L		05/22/24 10:43	05/23/24 04:12	1
Endrin	0.50	U	0.50	0.0040	ug/L		05/22/24 10:43	05/23/24 04:12	1
Endrin	0.50	U	0.50	0.0040	ug/L		05/22/24 10:43	05/23/24 04:12	1
gamma-BHC (Lindane)	0.50	U	0.50	0.012	ug/L		05/22/24 10:43	05/23/24 04:12	1
gamma-BHC (Lindane)	0.50	U	0.50	0.012	ug/L		05/22/24 10:43	05/23/24 04:12	1
Heptachlor	0.50	U	0.50	0.0030	ug/L		05/22/24 10:43	05/23/24 04:12	1
Heptachlor	0.50	U	0.50	0.0030	ug/L		05/22/24 10:43	05/23/24 04:12	1
Heptachlor epoxide	0.50	U	0.50	0.0050	ug/L		05/22/24 10:43	05/23/24 04:12	1
Heptachlor epoxide	0.50	U	0.50	0.0050	ug/L		05/22/24 10:43	05/23/24 04:12	1
Methoxychlor	0.50	U	0.50	0.0040	ug/L		05/22/24 10:43	05/23/24 04:12	1
Methoxychlor	0.50	U	0.50	0.0040	ug/L		05/22/24 10:43	05/23/24 04:12	1
Toxaphene	5.0	U	5.0	0.11	ug/L		05/22/24 10:43	05/23/24 04:12	1
Toxaphene	5.0	U	5.0	0.11	ug/L		05/22/24 10:43	05/23/24 04:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		10 - 131	05/22/24 10:43	05/23/24 04:12	1
DCB Decachlorobiphenyl	106		10 - 131	05/22/24 10:43	05/23/24 04:12	1
Tetrachloro-m-xylene	100		10 - 150	05/22/24 10:43	05/23/24 04:12	1
Tetrachloro-m-xylene	102		10 - 150	05/22/24 10:43	05/23/24 04:12	1

Lab Sample ID: LCS 460-976245/2-A

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-Chlordane	0.800	0.729		ug/L		91	71 - 123
cis-Chlordane	0.800	0.728		ug/L		91	71 - 123
Endrin	0.800	0.704		ug/L		88	71 - 122
Endrin	0.800	0.713		ug/L		89	71 - 122
gamma-BHC (Lindane)	0.800	0.729		ug/L		91	76 - 123
gamma-BHC (Lindane)	0.800	0.750		ug/L		94	76 - 123
trans-Chlordane	0.800	0.729		ug/L		91	73 - 124
trans-Chlordane	0.800	0.733		ug/L		92	73 - 124
Heptachlor	0.800	0.726		ug/L		91	74 - 127
Heptachlor	0.800	0.732		ug/L		91	74 - 127
Heptachlor epoxide	0.800	0.727		ug/L		91	74 - 128
Heptachlor epoxide	0.800	0.742		ug/L		93	74 - 128

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-976245/2-A

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methoxychlor	0.800	0.724		ug/L		90	56 - 147
Methoxychlor	0.800	0.680		ug/L		85	56 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	82		10 - 131
DCB Decachlorobiphenyl	87		10 - 131
Tetrachloro-m-xylene	81		10 - 150
Tetrachloro-m-xylene	92		10 - 150

Lab Sample ID: LCSD 460-976245/3-A

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 976245

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-Chlordane	0.800	0.792		ug/L		99	71 - 123	8	30
cis-Chlordane	0.800	0.773		ug/L		97	71 - 123	6	30
Endrin	0.800	0.761		ug/L		95	71 - 122	8	30
Endrin	0.800	0.756		ug/L		95	71 - 122	6	30
gamma-BHC (Lindane)	0.800	0.792		ug/L		99	76 - 123	8	30
gamma-BHC (Lindane)	0.800	0.801		ug/L		100	76 - 123	7	30
trans-Chlordane	0.800	0.792		ug/L		99	73 - 124	8	30
trans-Chlordane	0.800	0.779		ug/L		97	73 - 124	6	30
Heptachlor	0.800	0.791		ug/L		99	74 - 127	8	30
Heptachlor	0.800	0.779		ug/L		97	74 - 127	6	30
Heptachlor epoxide	0.800	0.790		ug/L		99	74 - 128	8	30
Heptachlor epoxide	0.800	0.792		ug/L		99	74 - 128	6	30
Methoxychlor	0.800	0.782		ug/L		98	56 - 147	8	30
Methoxychlor	0.800	0.714		ug/L		89	56 - 147	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	90		10 - 131
DCB Decachlorobiphenyl	94		10 - 131
Tetrachloro-m-xylene	90		10 - 150
Tetrachloro-m-xylene	100		10 - 150

Lab Sample ID: LB 460-976087/1-D

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976245

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	5.0	U	5.0	0.055	ug/L		05/22/24 10:44	05/23/24 05:47	1
Endrin	0.50	U	0.50	0.0040	ug/L		05/22/24 10:44	05/23/24 05:47	1
gamma-BHC (Lindane)	0.50	U	0.50	0.012	ug/L		05/22/24 10:44	05/23/24 05:47	1
Heptachlor	0.50	U	0.50	0.0030	ug/L		05/22/24 10:44	05/23/24 05:47	1
Heptachlor epoxide	0.50	U	0.50	0.0050	ug/L		05/22/24 10:44	05/23/24 05:47	1
Methoxychlor	0.50	U	0.50	0.0040	ug/L		05/22/24 10:44	05/23/24 05:47	1
Toxaphene	5.0	U	5.0	0.11	ug/L		05/22/24 10:44	05/23/24 05:47	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 460-976087/1-D

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976245

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		10 - 131	05/22/24 10:44	05/23/24 05:47	1
DCB Decachlorobiphenyl	87		10 - 131	05/22/24 10:44	05/23/24 05:47	1
Tetrachloro-m-xylene	86		10 - 150	05/22/24 10:44	05/23/24 05:47	1
Tetrachloro-m-xylene	86		10 - 150	05/22/24 10:44	05/23/24 05:47	1

Lab Sample ID: 460-304004-E-1-G MS

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 976245

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-Chlordane	0.50	U	0.800	0.731		ug/L		91	71 - 123
cis-Chlordane	0.50	U	0.800	0.761		ug/L		95	71 - 123
Endrin	0.50	U	0.800	0.811		ug/L		101	71 - 122
Endrin	0.50	U	0.800	0.615		ug/L		77	71 - 122
gamma-BHC (Lindane)	0.50	U	0.800	1.10		ug/L		137	76 - 123
gamma-BHC (Lindane)	0.50	U	0.800	0.702		ug/L		88	76 - 123
trans-Chlordane	0.50	U	0.800	0.548		ug/L		69	73 - 124
trans-Chlordane	0.50	U	0.800	0.797		ug/L		100	73 - 124
Heptachlor	0.50	U	0.800	0.719		ug/L		90	74 - 127
Heptachlor	0.50	U	0.800	0.756		ug/L		95	74 - 127
Heptachlor epoxide	0.50	U	0.800	0.718		ug/L		90	74 - 128
Heptachlor epoxide	0.50	U	0.800	0.810		ug/L		101	74 - 128
Methoxychlor	0.50	U	0.800	0.740		ug/L		93	56 - 147
Methoxychlor	0.50	U	0.800	1.00		ug/L		125	56 - 147

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	67		10 - 131
DCB Decachlorobiphenyl	71		10 - 131
Tetrachloro-m-xylene	63		10 - 150
Tetrachloro-m-xylene	100		10 - 150

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-975313/1-A

Matrix: Solid

Analysis Batch: 975401

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 975313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-975313/1-A
Matrix: Solid
Analysis Batch: 975401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 975313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1262	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1262	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Total PCBs	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Total PCBs	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		34 - 150	05/16/24 17:31	05/17/24 05:25	1
DCB Decachlorobiphenyl	92		34 - 150	05/16/24 17:31	05/17/24 05:25	1
Tetrachloro-m-xylene	90		34 - 150	05/16/24 17:31	05/17/24 05:25	1
Tetrachloro-m-xylene	92		34 - 150	05/16/24 17:31	05/17/24 05:25	1

Lab Sample ID: LCS 460-975313/2-A
Matrix: Solid
Analysis Batch: 975401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 975313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.320		mg/Kg		96	61 - 133
Aroclor 1016	0.333	0.340		mg/Kg		102	61 - 133
Aroclor 1260	0.333	0.339		mg/Kg		102	59 - 150
Aroclor 1260	0.333	0.330		mg/Kg		99	59 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	99		34 - 150
DCB Decachlorobiphenyl	96		34 - 150
Tetrachloro-m-xylene	92		34 - 150
Tetrachloro-m-xylene	95		34 - 150

Lab Sample ID: LCSD 460-975313/3-A
Matrix: Solid
Analysis Batch: 975401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 975313

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.333	0.299		mg/Kg		90	61 - 133	7	30
Aroclor 1016	0.333	0.330		mg/Kg		99	61 - 133	3	30
Aroclor 1260	0.333	0.329		mg/Kg		99	59 - 150	3	30
Aroclor 1260	0.333	0.325		mg/Kg		97	59 - 150	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	104		34 - 150
DCB Decachlorobiphenyl	102		34 - 150
Tetrachloro-m-xylene	94		34 - 150
Tetrachloro-m-xylene	99		34 - 150

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-976197/1-A

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	3.0	U	3.0	0.18	ug/L		05/22/24 07:20	05/22/24 14:35	1
2,4-D	3.0	U	3.0	0.18	ug/L		05/22/24 07:20	05/22/24 14:35	1
Silvex (2,4,5-TP)	3.0	U	3.0	0.14	ug/L		05/22/24 07:20	05/22/24 14:35	1
Silvex (2,4,5-TP)	3.0	U	3.0	0.14	ug/L		05/22/24 07:20	05/22/24 14:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	97		10 - 150				05/22/24 07:20	05/22/24 14:35	1
2,4-Dichlorophenylacetic acid	96		10 - 150				05/22/24 07:20	05/22/24 14:35	1

Lab Sample ID: LCS 460-976197/2-A

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	8.00	9.78		ug/L		122	28 - 150
2,4-D	8.00	9.39		ug/L		117	28 - 150
Silvex (2,4,5-TP)	2.00	2.48	J	ug/L		124	22 - 150
Silvex (2,4,5-TP)	2.00	2.35	J	ug/L		118	22 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
2,4-Dichlorophenylacetic acid	106		10 - 150				
2,4-Dichlorophenylacetic acid	104		10 - 150				

Lab Sample ID: LCSD 460-976197/3-A

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 976197

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
2,4-D	8.00	9.02		ug/L		113	28 - 150	8	30
2,4-D	8.00	8.79		ug/L		110	28 - 150	7	30
Silvex (2,4,5-TP)	2.00	2.34	J	ug/L		117	22 - 150	6	30
Silvex (2,4,5-TP)	2.00	2.24	J	ug/L		112	22 - 150	5	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
2,4-Dichlorophenylacetic acid	104		10 - 150						
2,4-Dichlorophenylacetic acid	103		10 - 150						

Lab Sample ID: LB 460-976087/1-B

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976197

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	83	U	83	5.0	ug/L		05/22/24 07:20	05/22/24 15:42	1
Silvex (2,4,5-TP)	83	U	83	4.0	ug/L		05/22/24 07:20	05/22/24 15:42	1
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	118		10 - 150				05/22/24 07:20	05/22/24 15:42	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LB 460-976087/1-B
Matrix: Solid
Analysis Batch: 976220

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 976197

Surrogate	LB	LB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid			117		10 - 150	05/22/24 07:20	05/22/24 15:42	1

Lab Sample ID: 460-304004-E-1-K MS
Matrix: Solid
Analysis Batch: 976220

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 976197

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2,4-D	83	U	133	158		ug/L		119	28 - 150
2,4-D	83	U	133	155		ug/L		116	28 - 150
Silvex (2,4,5-TP)	83	U	33.3	42.2	J	ug/L		127	22 - 150
Silvex (2,4,5-TP)	83	U	33.3	41.8	J	ug/L		125	22 - 150
Surrogate	MS	MS	%Recovery	Qualifier	Limits				
2,4-Dichlorophenylacetic acid			114		10 - 150				
2,4-Dichlorophenylacetic acid			110		10 - 150				

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-976190/1-A
Matrix: Solid
Analysis Batch: 976425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 976190

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Calcium	100	U	100	40.7	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Chromium	2.0	U	2.0	0.91	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Iron	60.0	U	60.0	20.2	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Magnesium	100	U	100	10.2	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Nickel	2.0	U	2.0	0.47	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Potassium	18.31	J	100	16.2	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Sodium	100	U	100	45.7	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/22/24 06:48	05/22/24 23:54	1
Zinc	8.0	U	8.0	3.1	mg/Kg		05/22/24 06:48	05/22/24 23:54	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-976190/2-A ^3
Matrix: Solid
Analysis Batch: 976425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976190

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6780	5956		mg/Kg		87.9	52.9 - 147.2
Antimony	127	78.32		mg/Kg		61.7	3.1 - 200.8
Arsenic	311	328.0		mg/Kg		105.5	81.7 - 118.3
Barium	304	292.3		mg/Kg		96.1	81.9 - 118.1
Beryllium	169	158.4		mg/Kg		93.7	82.8 - 117.2
Cadmium	212	212.1		mg/Kg		100.1	82.5 - 117.9
Calcium	5170	5126		mg/Kg		99.2	82.0 - 117.8
Chromium	180	179.6		mg/Kg		99.8	81.1 - 118.3
Cobalt	81.6	83.77		mg/Kg		102.7	83.2 - 116.9
Copper	205	207.5		mg/Kg		101.2	82.9 - 117.1
Iron	6510	6509		mg/Kg		100	57.8 - 142.2
Lead	92.8	94.47		mg/Kg		101.8	81.8 - 118.5
Magnesium	1700	1662		mg/Kg		97.8	75.3 - 124.1
Manganese	531	527.2		mg/Kg		99.3	80.8 - 119.2
Nickel	313	322.3		mg/Kg		103.0	82.4 - 117.6
Potassium	1370	1301		mg/Kg		95.0	72.3 - 127.7
Selenium	165	170.7		mg/Kg		103.5	80.6 - 119.4
Silver	82.4	83.45		mg/Kg		101.3	79.5 - 120.4
Sodium	486	495.0		mg/Kg		101.9	74.3 - 125.7
Thallium	205	198.9		mg/Kg		97.0	81.0 - 119.5
Vanadium	103	103.2		mg/Kg		100.2	78.0 - 122.3
Zinc	166	174.2		mg/Kg		104.9	80.1 - 120.5

Lab Sample ID: 460-304295-E-1-P MS
Matrix: Solid
Analysis Batch: 976425

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 976190

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6510		522	6422	4	mg/Kg	⊛	-17	75 - 125
Antimony	1.0	U F1	5.22	3.19	F1	mg/Kg	⊛	61	75 - 125
Arsenic	0.41	J	10.4	9.88		mg/Kg	⊛	91	75 - 125
Barium	63.4		10.4	75.44	4	mg/Kg	⊛	116	75 - 125

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-304295-E-1-P MS

Matrix: Solid

Analysis Batch: 976425

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 976190

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.28	J	5.22	4.98		mg/Kg	✱	90	75 - 125
Cadmium	1.0	U	5.22	4.84		mg/Kg	✱	93	75 - 125
Calcium	1150	F1	522	1530	F1	mg/Kg	✱	73	75 - 125
Chromium	24.1	F1	10.4	31.76	F1	mg/Kg	✱	73	75 - 125
Cobalt	5.8		5.22	10.95		mg/Kg	✱	100	75 - 125
Copper	10.2	F1	10.4	21.96		mg/Kg	✱	113	75 - 125
Iron	13100		522	12210	4	mg/Kg	✱	-176	75 - 125
Lead	4.0	F1	5.22	7.37	F1	mg/Kg	✱	64	75 - 125
Magnesium	2790		522	3031	4	mg/Kg	✱	46	75 - 125
Manganese	296	F2	52.2	576.6	4	mg/Kg	✱	538	75 - 125
Nickel	30.5	F1	10.4	39.99		mg/Kg	✱	91	75 - 125
Potassium	2010	B F1	522	2261	F1	mg/Kg	✱	49	75 - 125
Selenium	1.3	U	10.4	9.18		mg/Kg	✱	88	75 - 125
Silver	0.42	U	5.22	4.52		mg/Kg	✱	87	75 - 125
Sodium	53.4	J	522	510.0		mg/Kg	✱	88	75 - 125
Thallium	0.11	J	4.17	3.97		mg/Kg	✱	93	75 - 125
Vanadium	19.8	F1	10.4	26.99	F1	mg/Kg	✱	69	75 - 125
Zinc	23.6	F1	52.2	65.69		mg/Kg	✱	81	75 - 125

Lab Sample ID: 460-304295-E-1-Q MSD

Matrix: Solid

Analysis Batch: 976425

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 976190

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	6510		522	6256	4	mg/Kg	✱	-49	75 - 125	3	20
Antimony	1.0	U F1	5.22	3.02	F1	mg/Kg	✱	58	75 - 125	5	20
Arsenic	0.41	J	10.4	8.99		mg/Kg	✱	82	75 - 125	9	20
Barium	63.4		10.4	63.19	4	mg/Kg	✱	-2	75 - 125	18	20
Beryllium	0.28	J	5.22	4.61		mg/Kg	✱	83	75 - 125	8	20
Cadmium	1.0	U	5.22	4.46		mg/Kg	✱	86	75 - 125	8	20
Calcium	1150	F1	522	1489	F1	mg/Kg	✱	65	75 - 125	3	20
Chromium	24.1	F1	10.4	28.82	F1	mg/Kg	✱	45	75 - 125	10	20
Cobalt	5.8		5.22	10.21		mg/Kg	✱	85	75 - 125	7	20
Copper	10.2	F1	10.4	17.93	F1	mg/Kg	✱	74	75 - 125	20	20
Iron	13100		522	12430	4	mg/Kg	✱	-135	75 - 125	2	20
Lead	4.0	F1	5.22	6.89	F1	mg/Kg	✱	55	75 - 125	7	20
Magnesium	2790		522	2905	4	mg/Kg	✱	22	75 - 125	4	20
Manganese	296	F2	52.2	321.9	4 F2	mg/Kg	✱	49	75 - 125	57	20
Nickel	30.5	F1	10.4	36.61	F1	mg/Kg	✱	59	75 - 125	9	20
Potassium	2010	B F1	522	2178	F1	mg/Kg	✱	33	75 - 125	4	20
Selenium	1.3	U	10.4	8.36		mg/Kg	✱	80	75 - 125	9	20
Silver	0.42	U	5.22	4.08		mg/Kg	✱	78	75 - 125	10	20
Sodium	53.4	J	522	472.3		mg/Kg	✱	80	75 - 125	8	20
Thallium	0.11	J	4.17	3.40		mg/Kg	✱	79	75 - 125	15	20
Vanadium	19.8	F1	10.4	26.14	F1	mg/Kg	✱	61	75 - 125	3	20
Zinc	23.6	F1	52.2	61.91	F1	mg/Kg	✱	73	75 - 125	6	20

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-304295-E-1-O DU
Matrix: Solid
Analysis Batch: 976425

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 976190

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Aluminum	6510		6674		mg/Kg	✱	3	20
Antimony	1.0	U F1	1.0	U	mg/Kg	✱	NC	20
Arsenic	0.41	J	0.523	J F5	mg/Kg	✱	24	20
Barium	63.4		66.69		mg/Kg	✱	5	20
Beryllium	0.28	J	0.300	J	mg/Kg	✱	7	20
Cadmium	1.0	U	1.0	U	mg/Kg	✱	NC	20
Calcium	1150	F1	1395		mg/Kg	✱	19	20
Chromium	24.1	F1	24.21		mg/Kg	✱	0.3	20
Cobalt	5.8		10.69	F3	mg/Kg	✱	60	20
Copper	10.2	F1	11.49		mg/Kg	✱	12	20
Iron	13100		13090		mg/Kg	✱	0.3	20
Lead	4.0	F1	4.56		mg/Kg	✱	13	20
Magnesium	2790		3049		mg/Kg	✱	9	20
Manganese	296	F2	345.2		mg/Kg	✱	15	20
Nickel	30.5	F1	34.92		mg/Kg	✱	14	20
Potassium	2010	B F1	2016		mg/Kg	✱	0.4	20
Selenium	1.3	U	0.143	J	mg/Kg	✱	NC	20
Silver	0.42	U	0.42	U	mg/Kg	✱	NC	20
Sodium	53.4	J	52.22	J	mg/Kg	✱	2	20
Thallium	0.11	J	0.127	J	mg/Kg	✱	13	20
Vanadium	19.8	F1	19.44		mg/Kg	✱	2	20
Zinc	23.6	F1	22.00		mg/Kg	✱	7	20

Lab Sample ID: MB 460-976241/1-A
Matrix: Solid
Analysis Batch: 976537

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 976241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		05/22/24 10:32	05/23/24 11:48	1
Barium	4.0	U	4.0	0.91	ug/L		05/22/24 10:32	05/23/24 11:48	1
Cadmium	2.0	U	2.0	0.39	ug/L		05/22/24 10:32	05/23/24 11:48	1
Chromium	4.0	U	4.0	2.5	ug/L		05/22/24 10:32	05/23/24 11:48	1
Lead	1.2	U	1.2	0.84	ug/L		05/22/24 10:32	05/23/24 11:48	1
Selenium	2.5	U	2.5	0.59	ug/L		05/22/24 10:32	05/23/24 11:48	1
Silver	2.0	U	2.0	0.29	ug/L		05/22/24 10:32	05/23/24 11:48	1

Lab Sample ID: LCS 460-976241/2-A ^10
Matrix: Solid
Analysis Batch: 976537

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976241

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	5146		ug/L		103	80 - 120
Barium	10000	9824		ug/L		98	80 - 120
Cadmium	1000	999.3		ug/L		100	80 - 120
Chromium	5000	5164		ug/L		103	80 - 120
Lead	5000	5134		ug/L		103	80 - 120
Selenium	1000	995.8		ug/L		100	80 - 120
Silver	500	479.3		ug/L		96	80 - 120

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LB 460-975775/1-G ^10

Matrix: Solid

Analysis Batch: 976537

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976241

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/22/24 10:52	05/23/24 13:05	10
Barium	40.0	U	40.0	9.1	ug/L		05/22/24 10:52	05/23/24 13:05	10
Cadmium	20.0	U	20.0	3.9	ug/L		05/22/24 10:52	05/23/24 13:05	10
Chromium	40.0	U	40.0	25.0	ug/L		05/22/24 10:52	05/23/24 13:05	10
Lead	12.0	U	12.0	8.4	ug/L		05/22/24 10:52	05/23/24 13:05	10
Selenium	25.0	U	25.0	5.9	ug/L		05/22/24 10:52	05/23/24 13:05	10
Silver	20.0	U	20.0	2.9	ug/L		05/22/24 10:52	05/23/24 13:05	10

Lab Sample ID: LB 460-976087/1-E ^10

Matrix: Solid

Analysis Batch: 976537

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976241

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/22/24 10:32	05/23/24 12:57	10
Barium	40.0	U	40.0	9.1	ug/L		05/22/24 10:32	05/23/24 12:57	10
Cadmium	20.0	U	20.0	3.9	ug/L		05/22/24 10:32	05/23/24 12:57	10
Chromium	40.0	U	40.0	25.0	ug/L		05/22/24 10:32	05/23/24 12:57	10
Lead	12.0	U	12.0	8.4	ug/L		05/22/24 10:32	05/23/24 12:57	10
Selenium	25.0	U	25.0	5.9	ug/L		05/22/24 10:32	05/23/24 12:57	10
Silver	20.0	U	20.0	2.9	ug/L		05/22/24 10:32	05/23/24 12:57	10

Lab Sample ID: 460-304139-A-1-H MS ^10

Matrix: Solid

Analysis Batch: 976537

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 976241

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	20.0	U	5000	5186		ug/L		104	75 - 125
Barium	188		10000	9646		ug/L		95	75 - 125
Cadmium	20.0	U	1000	997.3		ug/L		100	75 - 125
Chromium	40.0	U	5000	5091		ug/L		102	75 - 125
Lead	15.2		5000	5010		ug/L		100	75 - 125
Selenium	25.0	U	1000	990.6		ug/L		99	75 - 125
Silver	20.0	U	500	465.9		ug/L		93	75 - 125

Lab Sample ID: 460-304139-A-1-G DU ^10

Matrix: Solid

Analysis Batch: 976537

Client Sample ID: Duplicate

Prep Type: TCLP

Prep Batch: 976241

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	20.0	U	20.0	U	ug/L		NC	20
Barium	188		192.2		ug/L		2	20
Cadmium	20.0	U	20.0	U	ug/L		NC	20
Chromium	40.0	U	40.0	U	ug/L		NC	20
Lead	15.2		17.28		ug/L		13	20
Selenium	25.0	U	25.0	U	ug/L		NC	20
Silver	20.0	U	20.0	U	ug/L		NC	20

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-976279/1-A
Matrix: Solid
Analysis Batch: 976327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 976279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/22/24 14:38	05/22/24 15:24	1

Lab Sample ID: LCS 460-976279/2-A
Matrix: Solid
Analysis Batch: 976327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.12		ug/L		102	80 - 120

Lab Sample ID: LB 460-976087/1-F
Matrix: Solid
Analysis Batch: 976327

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 976279

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/22/24 14:38	05/22/24 16:17	1

Lab Sample ID: 460-304004-E-1-J MS
Matrix: Solid
Analysis Batch: 976327

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 976279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	5.00	4.70		ug/L		94	75 - 125

Lab Sample ID: 460-304004-E-1-I DU
Matrix: Solid
Analysis Batch: 976327

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 976279

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-975957/1-A
Matrix: Solid
Analysis Batch: 976046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 975957

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/21/24 01:12	05/21/24 07:27	1

Lab Sample ID: LCSSRM 460-975957/2-A ^20
Matrix: Solid
Analysis Batch: 976046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 975957

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	11.9	11.82		mg/Kg		99.3	67.1 - 131.9

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-304256-A-1-C MS
Matrix: Solid
Analysis Batch: 976046

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 975957

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.016	U	0.0802	0.0797		mg/Kg	✱	99	80 - 120

Lab Sample ID: 460-304256-A-1-B DU
Matrix: Solid
Analysis Batch: 976046

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 975957

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.016	U	0.016	U	mg/Kg	✱	NC	20

Method: 1030 - Ignitability, Solids

Lab Sample ID: 460-303954-1 DU
Matrix: Solid
Analysis Batch: 976293

Client Sample ID: TP-01_20240514
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Burn Rate	2.20	U	2.20	U	mm/sec		NC	10

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 460-976664/13-A
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 976664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/24/24 07:38	05/24/24 20:49	1

Lab Sample ID: LCSSRM 460-976664/14-A ^20
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976664

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	183	67.20		mg/Kg		36.7	21.9 - 121.9

Lab Sample ID: MRL 460-976664/12-A
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976664

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0105		mg/L		105	50 - 150

Lab Sample ID: 460-304436-E-13-R MS
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 976664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.24	U	4.58	3.77		mg/Kg	✱	82	29 - 100

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 460-304436-E-13-S MSD
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 976664

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.24	U	4.73	4.02		mg/Kg	☆	85	29 - 100	6	40

Method: 9014 - Cyanide, Reactive

Lab Sample ID: MB 460-977081/1-A
Matrix: Solid
Analysis Batch: 977141

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 977081

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/28/24 10:00	05/28/24 16:11	1

Lab Sample ID: LCS 460-977081/2-A
Matrix: Solid
Analysis Batch: 977141

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 977081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	40.0	25.0	U	mg/Kg		12	10 - 100

Lab Sample ID: 180-173911-B-1-E DU
Matrix: Solid
Analysis Batch: 977141

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 977081

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	25.0	U	25.0	U	mg/Kg		NC	10

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 460-977078/1-A
Matrix: Solid
Analysis Batch: 977140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 977078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	17.4	mg/Kg		05/28/24 09:57	05/28/24 16:09	1

Lab Sample ID: LCSSRM 460-977078/3-A
Matrix: Solid
Analysis Batch: 977140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 977078

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	92.8	84.96		mg/Kg		91.6	49.9 - 140.1

Lab Sample ID: 180-173911-B-1-B MS
Matrix: Solid
Analysis Batch: 977140

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 977078

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	20.0	U	522	506.5		mg/Kg		97	56 - 132

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: 180-173911-B-1-C MSD

Matrix: Solid

Analysis Batch: 977140

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 977078

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.0	U	522	506.5		mg/Kg		97	56 - 132	0	11

Method: 9045D - pH

Lab Sample ID: LCSSRM 460-977315/2

Matrix: Solid

Analysis Batch: 977315

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
pH	8.55	8.6		SU		100.0	97.7 - 102.3
Corrosivity	8.55	8.6		SU		100.0	97.7 - 102.3

Lab Sample ID: LCSSRM 460-977315/27

Matrix: Solid

Analysis Batch: 977315

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
pH	8.55	8.5		SU		99.9	97.7 - 102.3
Corrosivity	8.55	8.5		SU		99.9	97.7 - 102.3

Lab Sample ID: 460-304451-D-3 DU

Matrix: Solid

Analysis Batch: 977315

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.0		8.0		SU		0.1	10
Temperature	21.2		21.2		Degrees C		0	10
Corrosivity	8.0		8.0		SU		0.1	10

Method: Moisture - Percent Moisture

Lab Sample ID: 460-303654-A-2 DU

Matrix: Solid

Analysis Batch: 975049

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	11.6		15.1	F3	%		27	20
Percent Solids	88.4		84.9		%		4	20

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

GC/MS VOA

Prep Batch: 975094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	5035	
LB3 460-975094/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 975244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	8260D	975094
LB3 460-975094/1-A	Method Blank	Total/NA	Solid	8260D	975094
MB 460-975244/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-975244/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-975244/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Leach Batch: 976482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	1311	
LB 460-976482/1-A	Method Blank	TCLP	Solid	1311	
460-303954-1 MS	TP-01_20240514	TCLP	Solid	1311	

Analysis Batch: 976945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	8260D	976482
LB 460-976482/1-A	Method Blank	TCLP	Solid	8260D	976482
MB 460-976945/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-976945/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-976945/5	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-303954-1 MS	TP-01_20240514	TCLP	Solid	8260D	976482

GC/MS Semi VOA

Prep Batch: 975302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	3546	
MB 460-975302/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-975302/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-975302/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-303960-F-1-E MS	Matrix Spike	Total/NA	Solid	3546	
460-303960-F-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 975468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	8270E	975302
MB 460-975302/1-A	Method Blank	Total/NA	Solid	8270E	975302
LCS 460-975302/2-A	Lab Control Sample	Total/NA	Solid	8270E	975302
LCSD 460-975302/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	975302
460-303960-F-1-E MS	Matrix Spike	Total/NA	Solid	8270E	975302
460-303960-F-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	975302

Leach Batch: 976087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	1311	
LB 460-976087/1-C	Method Blank	TCLP	Solid	1311	

Eurofins Edison

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

GC/MS Semi VOA

Prep Batch: 976217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	3510C	976087
LB 460-976087/1-C	Method Blank	TCLP	Solid	3510C	976087
MB 460-976217/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-976217/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-976217/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 976321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	8270E	976217
LB 460-976087/1-C	Method Blank	TCLP	Solid	8270E	976217
MB 460-976217/1-A	Method Blank	Total/NA	Solid	8270E	976217
LCS 460-976217/2-A	Lab Control Sample	Total/NA	Solid	8270E	976217
LCSD 460-976217/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	976217

GC Semi VOA

Prep Batch: 975313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	3546	
MB 460-975313/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-975313/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-975313/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 975401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	8082A	975313
MB 460-975313/1-A	Method Blank	Total/NA	Solid	8082A	975313
LCS 460-975313/2-A	Lab Control Sample	Total/NA	Solid	8082A	975313
LCSD 460-975313/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	975313

Leach Batch: 976087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	1311	
LB 460-976087/1-B	Method Blank	TCLP	Solid	1311	
LB 460-976087/1-D	Method Blank	TCLP	Solid	1311	
460-304004-E-1-G MS	Matrix Spike	TCLP	Solid	1311	
460-304004-E-1-K MS	Matrix Spike	TCLP	Solid	1311	

Prep Batch: 976197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	8151A	976087
LB 460-976087/1-B	Method Blank	TCLP	Solid	8151A	976087
MB 460-976197/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-976197/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-976197/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-304004-E-1-K MS	Matrix Spike	TCLP	Solid	8151A	976087

Analysis Batch: 976220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	8151A	976197
LB 460-976087/1-B	Method Blank	TCLP	Solid	8151A	976197

Eurofins Edison

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

GC Semi VOA (Continued)

Analysis Batch: 976220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-976197/1-A	Method Blank	Total/NA	Solid	8151A	976197
LCS 460-976197/2-A	Lab Control Sample	Total/NA	Solid	8151A	976197
LCSD 460-976197/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	976197
460-304004-E-1-K MS	Matrix Spike	TCLP	Solid	8151A	976197

Prep Batch: 976245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	3510C	976087
LB 460-976087/1-D	Method Blank	TCLP	Solid	3510C	976087
MB 460-976245/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-976245/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-976245/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
460-304004-E-1-G MS	Matrix Spike	TCLP	Solid	3510C	976087

Analysis Batch: 976383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	8081B	976245
LB 460-976087/1-D	Method Blank	TCLP	Solid	8081B	976245
MB 460-976245/1-A	Method Blank	Total/NA	Solid	8081B	976245
LCS 460-976245/2-A	Lab Control Sample	Total/NA	Solid	8081B	976245
LCSD 460-976245/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	976245
460-304004-E-1-G MS	Matrix Spike	TCLP	Solid	8081B	976245

Metals

Leach Batch: 975775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-975775/1-G ^10	Method Blank	TCLP	Solid	1311	
460-304139-A-1-H MS ^10	Matrix Spike	TCLP	Solid	1311	
460-304139-A-1-G DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 975957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	7471B	
MB 460-975957/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-975957/2-A ^2	Lab Control Sample	Total/NA	Solid	7471B	
460-304256-A-1-C MS	Matrix Spike	Total/NA	Solid	7471B	
460-304256-A-1-B DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 976046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	7471B	975957
MB 460-975957/1-A	Method Blank	Total/NA	Solid	7471B	975957
LCSSRM 460-975957/2-A ^2	Lab Control Sample	Total/NA	Solid	7471B	975957
460-304256-A-1-C MS	Matrix Spike	Total/NA	Solid	7471B	975957
460-304256-A-1-B DU	Duplicate	Total/NA	Solid	7471B	975957

Leach Batch: 976087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	1311	
LB 460-976087/1-E ^10	Method Blank	TCLP	Solid	1311	

Eurofins Edison

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Metals (Continued)

Leach Batch: 976087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-976087/1-F	Method Blank	TCLP	Solid	1311	
460-304004-E-1-J MS	Matrix Spike	TCLP	Solid	1311	
460-304004-E-1-I DU	Duplicate	TCLP	Solid	1311	

Prep Batch: 976190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	3050B	
MB 460-976190/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-976190/2-A ^3	Lab Control Sample	Total/NA	Solid	3050B	
460-304295-E-1-P MS	Matrix Spike	Total/NA	Solid	3050B	
460-304295-E-1-Q MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-304295-E-1-O DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 976241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	3010A	976087
LB 460-975775/1-G ^10	Method Blank	TCLP	Solid	3010A	975775
LB 460-976087/1-E ^10	Method Blank	TCLP	Solid	3010A	976087
MB 460-976241/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-976241/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-304139-A-1-H MS ^10	Matrix Spike	TCLP	Solid	3010A	975775
460-304139-A-1-G DU ^10	Duplicate	TCLP	Solid	3010A	975775

Prep Batch: 976279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	7470A	976087
LB 460-976087/1-F	Method Blank	TCLP	Solid	7470A	976087
MB 460-976279/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-976279/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-304004-E-1-J MS	Matrix Spike	TCLP	Solid	7470A	976087
460-304004-E-1-I DU	Duplicate	TCLP	Solid	7470A	976087

Analysis Batch: 976327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	7470A	976279
LB 460-976087/1-F	Method Blank	TCLP	Solid	7470A	976279
MB 460-976279/1-A	Method Blank	Total/NA	Solid	7470A	976279
LCS 460-976279/2-A	Lab Control Sample	Total/NA	Solid	7470A	976279
460-304004-E-1-J MS	Matrix Spike	TCLP	Solid	7470A	976279
460-304004-E-1-I DU	Duplicate	TCLP	Solid	7470A	976279

Analysis Batch: 976425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	6020B	976190
MB 460-976190/1-A	Method Blank	Total/NA	Solid	6020B	976190
LCSSRM 460-976190/2-A ^3	Lab Control Sample	Total/NA	Solid	6020B	976190
460-304295-E-1-P MS	Matrix Spike	Total/NA	Solid	6020B	976190
460-304295-E-1-Q MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	976190
460-304295-E-1-O DU	Duplicate	Total/NA	Solid	6020B	976190

Eurofins Edison

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Metals

Analysis Batch: 976537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	TCLP	Solid	6020B	976241
LB 460-975775/1-G ^10	Method Blank	TCLP	Solid	6020B	976241
LB 460-976087/1-E ^10	Method Blank	TCLP	Solid	6020B	976241
MB 460-976241/1-A	Method Blank	Total/NA	Solid	6020B	976241
LCS 460-976241/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	976241
460-304139-A-1-H MS ^10	Matrix Spike	TCLP	Solid	6020B	976241
460-304139-A-1-G DU ^10	Duplicate	TCLP	Solid	6020B	976241

General Chemistry

Analysis Batch: 975049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	Moisture	
460-303890-A-3 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-303890-A-3 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-303654-A-2 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 976293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	1030	
460-303954-1 DU	TP-01_20240514	Total/NA	Solid	1030	

Prep Batch: 976664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	9012B	
MB 460-976664/13-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-976664/14-A ^	Lab Control Sample	Total/NA	Solid	9012B	
MRL 460-976664/12-A	Lab Control Sample	Total/NA	Solid	9012B	
460-304436-E-13-R MS	Matrix Spike	Total/NA	Solid	9012B	
460-304436-E-13-S MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Analysis Batch: 976810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	9012B	976664
MB 460-976664/13-A	Method Blank	Total/NA	Solid	9012B	976664
LCSSRM 460-976664/14-A ^	Lab Control Sample	Total/NA	Solid	9012B	976664
MRL 460-976664/12-A	Lab Control Sample	Total/NA	Solid	9012B	976664
460-304436-E-13-R MS	Matrix Spike	Total/NA	Solid	9012B	976664
460-304436-E-13-S MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	976664

Prep Batch: 977078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	7.3.4	
MB 460-977078/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCSSRM 460-977078/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
180-173911-B-1-B MS	Matrix Spike	Total/NA	Solid	7.3.4	
180-173911-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 977081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	7.3.3	

Eurofins Edison

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

General Chemistry (Continued)

Prep Batch: 977081 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-977081/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-977081/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
180-173911-B-1-E DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 977140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	9034	977078
MB 460-977078/1-A	Method Blank	Total/NA	Solid	9034	977078
LCSSRM 460-977078/3-A	Lab Control Sample	Total/NA	Solid	9034	977078
180-173911-B-1-B MS	Matrix Spike	Total/NA	Solid	9034	977078
180-173911-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	977078

Analysis Batch: 977141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	9014	977081
MB 460-977081/1-A	Method Blank	Total/NA	Solid	9014	977081
LCS 460-977081/2-A	Lab Control Sample	Total/NA	Solid	9014	977081
180-173911-B-1-E DU	Duplicate	Total/NA	Solid	9014	977081

Analysis Batch: 977315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303954-1	TP-01_20240514	Total/NA	Solid	9045D	
LCSSRM 460-977315/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSSRM 460-977315/27	Lab Control Sample	Total/NA	Solid	9045D	
460-304451-D-3 DU	Duplicate	Total/NA	Solid	9045D	

Lab Chronicle

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Date Collected: 05/14/24 12:00

Matrix: Solid

Date Received: 05/14/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			976482	BJB	EET EDI	05/23/24 11:45 - 05/24/24 08:30 ¹
TCLP	Analysis	8260D		10	976945	MZS	EET EDI	05/26/24 13:41
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	3510C			976217	SXS	EET EDI	05/22/24 08:28
TCLP	Analysis	8270E		1	976321	MME	EET EDI	05/23/24 01:44
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	3510C			976245	OTS	EET EDI	05/22/24 10:44
TCLP	Analysis	8081B		1	976383	FAM	EET EDI	05/23/24 06:03
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	8151A			976197	AXB	EET EDI	05/22/24 07:20
TCLP	Analysis	8151A		1	976220	SAK	EET EDI	05/22/24 15:56
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	3010A			976241	KXN	EET EDI	05/22/24 10:32
TCLP	Analysis	6020B		10	976537	JKF	EET EDI	05/23/24 12:55
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	7470A			976279	RBS	EET EDI	05/22/24 14:38
TCLP	Analysis	7470A		1	976327	RBS	EET EDI	05/22/24 15:56
Total/NA	Analysis	1030		1	976293	YAH	EET EDI	05/22/24 15:33
Total/NA	Prep	7.3.3			977081	YAH	EET EDI	05/28/24 10:00
Total/NA	Analysis	9014		1	977141	YAH	EET EDI	05/28/24 16:12
Total/NA	Prep	7.3.4			977078	YAH	EET EDI	05/28/24 09:57
Total/NA	Analysis	9034		1	977140	YAH	EET EDI	05/28/24 16:09
Total/NA	Analysis	9045D		1	977315	MNP	EET EDI	05/29/24 15:07
Total/NA	Analysis	Moisture		1	975049	CJC	EET EDI	05/15/24 20:23

Client Sample ID: TP-01_20240514

Lab Sample ID: 460-303954-1

Date Collected: 05/14/24 12:00

Matrix: Solid

Date Received: 05/14/24 20:00

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			975094	MXW	EET EDI	05/15/24 17:55
Total/NA	Analysis	8260D		1	975244	EMM	EET EDI	05/16/24 16:28
Total/NA	Prep	3546			975302	REN	EET EDI	05/16/24 16:58
Total/NA	Analysis	8270E		1	975468	DXD	EET EDI	05/17/24 11:58
Total/NA	Prep	3546			975313	ARA	EET EDI	05/16/24 17:31
Total/NA	Analysis	8082A		1	975401	JHP	EET EDI	05/17/24 07:05
Total/NA	Prep	3050B			976190	FBT	EET EDI	05/22/24 06:48
Total/NA	Analysis	6020B		1	976425	JKF	EET EDI	05/23/24 00:23
Total/NA	Prep	7471B			975957	TJS	EET EDI	05/21/24 01:12
Total/NA	Analysis	7471B		1	976046	TJS	EET EDI	05/21/24 07:53
Total/NA	Prep	9012B			976664	BJK	EET EDI	05/24/24 07:38
Total/NA	Analysis	9012B		1	976810	VBG	EET EDI	05/24/24 21:16

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Eurofins Edison

Lab Chronicle

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8082A	3546	Solid	Total PCBs
9014	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Corrosivity
9045D		Solid	Temperature
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
1030	Ignitability, Solids	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable	SW846	EET EDI
9014	Cyanide, Reactive	SW846	EET EDI
9034	Sulfide, Reactive	SW846	EET EDI
9045D	pH	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1311	TCLP Extraction	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7.3.3	Cyanide, Reactive	SW846	EET EDI
7.3.4	Sulfide, Reactive	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-303954-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-303954-1	TP-01_20240514	Solid	05/14/24 12:00	05/14/24 20:00

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Address. 355 Food Center Dr
Bronx, NY, 10474



635041

**Environment Testing
America**

TAL-8210

[illegible]

303254

Number of Coolers:

IR Gun #

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	21	20	Cooler #4:	7	7
Cooler #2:	7	7	Cooler #5:	7	7
Cooler #3:	7	7	Cooler #6:	7	7
			Cooler #7:	7	7
			Cooler #8:	7	7
			Cooler #9:	7	7

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted

Preservative Name/Conc.

Lot # of Preservative(s)

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 460-303954-1

Login Number: 303954

List Number: 1

Creator: Meyers, Gary

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



ANALYTICAL REPORT

PREPARED FOR

Attn: Stephen Liberatore
Parsons Corporation
301 Plainfield Road
Suite 350
Syracuse, New York 13212

Generated 5/30/2024 4:34:31 PM

JOB DESCRIPTION

Hunts Point Excavation

JOB NUMBER

460-304004-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
5/30/2024 4:34:31 PM


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Definitions/Glossary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number

Definitions/Glossary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Parsons Corporation
Project: Hunts Point Excavation

Job ID: 460-304004-1

Job ID: 460-304004-1

Eurofins Edison

Job Narrative 460-304004-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 5/15/2024 8:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

All analyses activated for a 5 day TAT by the client 5/20/24.

Method 8260D - Volatile Organic Compounds by GC/MS

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Volatile Organic Compounds by GC/MS. The sample was leached on 5/21/2024, prepared on 5/16/2024 and 5/22/2024 and analyzed on 5/19/2024 and 5/22/2024.

The continuing calibration verification (CCV) analyzed in batch 460-975706 was outside the method criteria for the following analyte: 1,2-Dichloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260D - Volatile Organic Compounds by GC/MS - TCLP

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Volatile Organic Compounds by GC/MS - TCLP. The sample was leached on 5/23/2024 and analyzed on 5/26/2024.

Sample TP-02-04_20240515 (460-304004-1)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method 8270E - Semivolatile Organic Compounds (GC/MS)

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Semivolatile Organic Compounds (GC/MS). The sample was prepared on 5/16/2024 and analyzed on 5/17/2024 and 5/30/2024.

Sample TP-02-04_20240515 (460-304004-1)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The laboratory control sample duplicate (LCSD) for preparation batch 460-975307 and analytical batch 460-975358 recovered outside control limits for the following analytes: Benzo[g,h,i]perylene. The LCS recovery was within limits, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-975358 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol, Benzaldehyde and Caprolactam. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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Case Narrative

Client: Parsons Corporation
Project: Hunts Point Excavation

Job ID: 460-304004-1

Job ID: 460-304004-1 (Continued)

Eurofins Edison

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-975307 and analytical batch 460-975358 recovered outside control limits for the following analytes: Atrazine. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Semivolatile Organic Compounds (GC/MS) - TCLP. The sample was leached on 5/21/2024, prepared on 5/22/2024 and analyzed on 5/23/2024 and 5/30/2024.

Method 8151A - Herbicides (GC) - TCLP

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Herbicides (GC) - TCLP. The sample was leached on 5/21/2024 and prepared and analyzed on 5/22/2024.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The sample was prepared on 5/16/2024 and analyzed on 5/17/2024.

Method 8081B - Organochlorine Pesticides (GC) - TCLP

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Organochlorine Pesticides (GC) - TCLP. The sample was leached on 5/21/2024, prepared on 5/22/2024 and analyzed on 5/22/2024 and 5/23/2024.

Method 6020B - Metals (ICP/MS)

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Metals (ICP/MS). The sample was leached on 5/21/2024, prepared on 5/22/2024 and 5/23/2024 and analyzed on 5/23/2024 and 5/30/2024.

Method 6020B - Metals (ICP/MS) - TCLP

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Metals (ICP/MS) - TCLP. The sample was leached on 5/21/2024, prepared on 5/23/2024 and analyzed on 5/24/2024.

Sample TP-02-04_20240515 (460-304004-1)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method 7470A - Mercury (CVAA) - TCLP

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Mercury (CVAA) - TCLP. The sample was leached on 5/21/2024, prepared on 5/22/2024 and analyzed on 5/22/2024 and 5/30/2024.

Method 7471B - Mercury (CVAA)

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Mercury (CVAA). The sample was leached on 5/21/2024 and prepared and analyzed on 5/22/2024.

Method 1030 - Ignitability, Solids

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Ignitability, Solids. The sample was analyzed on 5/22/2024.

Method 9012B - Cyanide, Total and/or Amenable

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Cyanide, Total and/or Amenable. The sample was prepared and analyzed on 5/24/2024.

Method 9014 - Cyanide, Reactive

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Cyanide, Reactive. The sample was leached on 5/21/2024 and prepared and analyzed on 5/22/2024 and 5/28/2024.

Method 9034 - Sulfide, Reactive

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Sulfide, Reactive. The sample was leached on 5/21/2024 and prepared and analyzed on 5/22/2024 and 5/28/2024.

Method 9045D - pH

Sample TP-02-04_20240515 (460-304004-1) was analyzed for pH. The sample was analyzed on 5/30/2024.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe:

TP-02-04_20240515 (460-304004-1).

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Case Narrative

Client: Parsons Corporation
Project: Hunts Point Excavation

Job ID: 460-304004-1

Job ID: 460-304004-1 (Continued)

Eurofins Edison

Method Moisture - Percent Moisture

Sample TP-02-04_20240515 (460-304004-1) was analyzed for Percent Moisture. The sample was analyzed on 5/16/2024 and 5/30/2024.

1
2
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12
13
14
15

Detection Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.039		0.0071	0.0067	mg/Kg	1	✱		8260D	Total/NA
Carbon disulfide	0.00098	J	0.0012	0.00031	mg/Kg	1	✱		8260D	Total/NA
2-Butanone (MEK)	0.0069		0.0059	0.00043	mg/Kg	1	✱		8260D	Total/NA
Benzene	0.0073		0.0012	0.00030	mg/Kg	1	✱		8260D	Total/NA
Toluene	0.0018		0.0012	0.00028	mg/Kg	1	✱		8260D	Total/NA
Ethylbenzene	0.0091		0.0012	0.00023	mg/Kg	1	✱		8260D	Total/NA
Styrene	0.00087	J	0.0012	0.00033	mg/Kg	1	✱		8260D	Total/NA
Xylenes, Total	0.0097		0.0024	0.00020	mg/Kg	1	✱		8260D	Total/NA
Isopropylbenzene	0.00098	J	0.0012	0.00034	mg/Kg	1	✱		8260D	Total/NA
1,1'-Biphenyl	1.1		0.39	0.014	mg/Kg	1	✱		8270E	Total/NA
2-Methylnaphthalene	1.3		0.39	0.011	mg/Kg	1	✱		8270E	Total/NA
2-Methylphenol	0.041	J	0.39	0.015	mg/Kg	1	✱		8270E	Total/NA
4-Methylphenol	0.17	J	0.39	0.024	mg/Kg	1	✱		8270E	Total/NA
Acenaphthene	4.4		0.39	0.011	mg/Kg	1	✱		8270E	Total/NA
Acenaphthylene	2.8		0.39	0.011	mg/Kg	1	✱		8270E	Total/NA
Anthracene	9.0		0.39	0.012	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	4.8	*+	0.39	0.011	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	6.1		0.039	0.0076	mg/Kg	1	✱		8270E	Total/NA
Carbazole	2.4		0.39	0.015	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	1.7		0.039	0.017	mg/Kg	1	✱		8270E	Total/NA
Dibenzofuran	4.4		0.39	0.013	mg/Kg	1	✱		8270E	Total/NA
Fluorene	7.5		0.39	0.011	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	5.6		0.039	0.015	mg/Kg	1	✱		8270E	Total/NA
Naphthalene	8.2		0.39	0.0067	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene - DL	14	D	0.39	0.29	mg/Kg	10	✱		8270E	Total/NA
Benzo[a]pyrene - DL	13	D	0.39	0.10	mg/Kg	10	✱		8270E	Total/NA
Benzo[b]fluoranthene - DL	16	D	0.39	0.10	mg/Kg	10	✱		8270E	Total/NA
Chrysene - DL	11	D	3.9	0.16	mg/Kg	10	✱		8270E	Total/NA
Fluoranthene - DL	30	D	3.9	0.14	mg/Kg	10	✱		8270E	Total/NA
Phenanthrene - DL	30	D	3.9	0.16	mg/Kg	10	✱		8270E	Total/NA
Pyrene - DL	25	D	3.9	0.097	mg/Kg	10	✱		8270E	Total/NA
Aluminum	14800		22.4	6.1	mg/Kg	1	✱		6020B	Total/NA
Antimony	0.26	J	1.1	0.16	mg/Kg	1	✱		6020B	Total/NA
Arsenic	7.2		1.1	0.12	mg/Kg	1	✱		6020B	Total/NA
Barium	173		2.2	0.16	mg/Kg	1	✱		6020B	Total/NA
Beryllium	1.6		0.45	0.064	mg/Kg	1	✱		6020B	Total/NA
Cadmium	0.53	J	1.1	0.13	mg/Kg	1	✱		6020B	Total/NA
Calcium	22400		112	45.5	mg/Kg	1	✱		6020B	Total/NA
Chromium	22.9		2.2	1.0	mg/Kg	1	✱		6020B	Total/NA
Cobalt	7.5		2.2	0.17	mg/Kg	1	✱		6020B	Total/NA
Copper	35.6		2.2	0.41	mg/Kg	1	✱		6020B	Total/NA
Iron	18200		67.1	22.6	mg/Kg	1	✱		6020B	Total/NA
Lead	126		0.67	0.22	mg/Kg	1	✱		6020B	Total/NA
Magnesium	11600		112	11.4	mg/Kg	1	✱		6020B	Total/NA
Manganese	336		4.5	0.45	mg/Kg	1	✱		6020B	Total/NA
Nickel	16.7		2.2	0.53	mg/Kg	1	✱		6020B	Total/NA
Potassium	2290		112	18.1	mg/Kg	1	✱		6020B	Total/NA
Selenium	0.78	J	1.4	0.14	mg/Kg	1	✱		6020B	Total/NA
Silver	0.13	J	0.45	0.10	mg/Kg	1	✱		6020B	Total/NA
Sodium	1220		112	51.1	mg/Kg	1	✱		6020B	Total/NA
Thallium	0.26	J	0.45	0.046	mg/Kg	1	✱		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515 (Continued)

Lab Sample ID: 460-304004-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Vanadium	29.6		2.2	0.23	mg/Kg	1		✱	6020B	Total/NA
Zinc	138		9.0	3.4	mg/Kg	1		✱	6020B	Total/NA
Barium	765		40.0	9.1	ug/L	10			6020B	TCLP
Cadmium	7.3	J	20.0	3.9	ug/L	10			6020B	TCLP
Lead	1080		12.0	8.4	ug/L	10			6020B	TCLP
Mercury	0.22		0.020	0.0092	mg/Kg	1		✱	7471B	Total/NA
Cyanide, Total	0.76		0.24	0.13	mg/Kg	1		✱	9012B	Total/NA
pH	8.2	HF			SU	1			9045D	Total/NA
Temperature	21.3	HF			Degrees C	1			9045D	Total/NA
Corrosivity	8.2	HF			SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Date Collected: 05/15/24 14:00

Matrix: Solid

Date Received: 05/15/24 20:00

Percent Solids: 85.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Methylene Chloride	0.0024	U	0.0024	0.0013	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Acetone	0.039		0.0071	0.0067	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Carbon disulfide	0.00098	J	0.0012	0.00031	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
2-Butanone (MEK)	0.0069		0.0059	0.00043	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Benzene	0.0073		0.0012	0.00030	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Toluene	0.0018		0.0012	0.00028	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Ethylbenzene	0.0091		0.0012	0.00023	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Styrene	0.00087	J	0.0012	0.00033	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Xylenes, Total	0.0097		0.0024	0.00020	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Ethylene Dibromide	0.0012	U	0.0012	0.00021	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00026	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,4-Dioxane	0.12	U	0.12	0.011	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Chlorobromomethane	0.0012	U	0.0012	0.00033	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Isopropylbenzene	0.00098	J	0.0012	0.00034	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Date Collected: 05/15/24 14:00

Matrix: Solid

Date Received: 05/15/24 20:00

Percent Solids: 85.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☆	05/16/24 17:21	05/19/24 09:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		72 - 138				05/16/24 17:21	05/19/24 09:39	1
Toluene-d8 (Surr)	102		71 - 126				05/16/24 17:21	05/19/24 09:39	1
4-Bromofluorobenzene	99		63 - 139				05/16/24 17:21	05/19/24 09:39	1
Dibromofluoromethane (Surr)	88		54 - 150				05/16/24 17:21	05/19/24 09:39	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	10	U	10	2.6	ug/L			05/26/24 14:45	10
1,2-Dichloroethane	10	U	10	4.3	ug/L			05/26/24 14:45	10
2-Butanone (MEK)	50	U	50	19	ug/L			05/26/24 14:45	10
Benzene	10	U	10	2.0	ug/L			05/26/24 14:45	10
Carbon tetrachloride	10	U	10	2.1	ug/L			05/26/24 14:45	10
Chlorobenzene	10	U	10	3.8	ug/L			05/26/24 14:45	10
Chloroform	10	U	10	3.3	ug/L			05/26/24 14:45	10
Tetrachloroethene	10	U	10	2.5	ug/L			05/26/24 14:45	10
Trichloroethene	10	U	10	3.1	ug/L			05/26/24 14:45	10
Vinyl chloride	10	U	10	1.7	ug/L			05/26/24 14:45	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 128					05/26/24 14:45	10
4-Bromofluorobenzene	88		76 - 120					05/26/24 14:45	10
Dibromofluoromethane (Surr)	97		77 - 132					05/26/24 14:45	10
Toluene-d8 (Surr)	99		80 - 120					05/26/24 14:45	10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.1		0.39	0.014	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.012	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.023	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.026	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.040	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.050	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,4-Dichlorophenol	0.16	U	0.16	0.025	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,4-Dimethylphenol	0.39	U	0.39	0.046	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,4-Dinitrotoluene	0.079	U	0.079	0.042	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2,6-Dinitrotoluene	0.079	U	0.079	0.028	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2-Chloronaphthalene	0.39	U	0.39	0.018	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2-Chlorophenol	0.39	U	0.39	0.014	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2-Methylnaphthalene	1.3		0.39	0.011	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2-Methylphenol	0.041	J	0.39	0.015	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2-Nitroaniline	0.39	U	0.39	0.030	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
2-Nitrophenol	0.39	U	0.39	0.039	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.059	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
3-Nitroaniline	0.39	U	0.39	0.092	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Date Collected: 05/15/24 14:00

Matrix: Solid

Date Received: 05/15/24 20:00

Percent Solids: 85.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	0.39	U	0.39	0.015	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.022	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
4-Chloroaniline	0.39	U	0.39	0.069	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.014	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
4-Methylphenol	0.17	J	0.39	0.024	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
4-Nitroaniline	0.39	U	0.39	0.045	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
4-Nitrophenol	0.79	U	0.79	0.063	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Acenaphthene	4.4		0.39	0.011	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Acenaphthylene	2.8		0.39	0.011	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Acetophenone	0.39	U	0.39	0.019	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Anthracene	9.0		0.39	0.012	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Atrazine	0.16	U *	0.16	0.023	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Benzaldehyde	0.39	U	0.39	0.064	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Benzo[g,h,i]perylene	4.8	*+	0.39	0.011	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Benzo[k]fluoranthene	6.1		0.039	0.0076	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.030	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.014	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.021	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Butyl benzyl phthalate	0.39	U	0.39	0.018	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Caprolactam	0.39	U	0.39	0.060	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Carbazole	2.4		0.39	0.015	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Dibenz(a,h)anthracene	1.7		0.039	0.017	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Dibenzofuran	4.4		0.39	0.013	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Diethyl phthalate	0.39	U	0.39	0.013	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Dimethyl phthalate	0.39	U	0.39	0.088	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Di-n-butyl phthalate	0.39	U	0.39	0.015	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Di-n-octyl phthalate	0.39	U	0.39	0.021	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Fluorene	7.5		0.39	0.011	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Hexachlorobenzene	0.039	U	0.039	0.018	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Hexachlorobutadiene	0.079	U	0.079	0.0083	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.034	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Hexachloroethane	0.039	U	0.039	0.013	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Indeno[1,2,3-cd]pyrene	5.6		0.039	0.015	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Isophorone	0.16	U	0.16	0.11	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Naphthalene	8.2		0.39	0.0067	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Nitrobenzene	0.039	U	0.039	0.022	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.028	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
N-Nitrosodiphenylamine	0.39	U	0.39	0.032	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Pentachlorophenol	0.31	U	0.31	0.080	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1
Phenol	0.39	U	0.39	0.014	mg/Kg	☆	05/16/24 17:07	05/17/24 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		24 - 137	05/16/24 17:07	05/17/24 04:13	1
2-Fluorobiphenyl	102		48 - 120	05/16/24 17:07	05/17/24 04:13	1
2-Fluorophenol (Surr)	100		31 - 120	05/16/24 17:07	05/17/24 04:13	1
Nitrobenzene-d5 (Surr)	102		38 - 120	05/16/24 17:07	05/17/24 04:13	1
Phenol-d5 (Surr)	104		39 - 120	05/16/24 17:07	05/17/24 04:13	1
Terphenyl-d14 (Surr)	97		25 - 126	05/16/24 17:07	05/17/24 04:13	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Date Collected: 05/15/24 14:00

Matrix: Solid

Date Received: 05/15/24 20:00

Percent Solids: 85.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	14	D	0.39	0.29	mg/Kg	✱	05/16/24 17:07	05/17/24 07:11	10
Benzo[a]pyrene	13	D	0.39	0.10	mg/Kg	✱	05/16/24 17:07	05/17/24 07:11	10
Benzo[b]fluoranthene	16	D	0.39	0.10	mg/Kg	✱	05/16/24 17:07	05/17/24 07:11	10
Chrysene	11	D	3.9	0.16	mg/Kg	✱	05/16/24 17:07	05/17/24 07:11	10
Fluoranthene	30	D	3.9	0.14	mg/Kg	✱	05/16/24 17:07	05/17/24 07:11	10
Phenanthrene	30	D	3.9	0.16	mg/Kg	✱	05/16/24 17:07	05/17/24 07:11	10
Pyrene	25	D	3.9	0.097	mg/Kg	✱	05/16/24 17:07	05/17/24 07:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91	D	24 - 137	05/16/24 17:07	05/17/24 07:11	10
2-Fluorobiphenyl	99	D	48 - 120	05/16/24 17:07	05/17/24 07:11	10
2-Fluorophenol (Surr)	94	D	31 - 120	05/16/24 17:07	05/17/24 07:11	10
Nitrobenzene-d5 (Surr)	99	D	38 - 120	05/16/24 17:07	05/17/24 07:11	10
Phenol-d5 (Surr)	99	D	39 - 120	05/16/24 17:07	05/17/24 07:11	10
Terphenyl-d14 (Surr)	106	D	25 - 126	05/16/24 17:07	05/17/24 07:11	10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	10	U	10	0.40	ug/L		05/22/24 08:28	05/23/24 02:05	1
2,4,5-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:28	05/23/24 02:05	1
2,4,6-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:28	05/23/24 02:05	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		05/22/24 08:28	05/23/24 02:05	1
2-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/23/24 02:05	1
3 & 4 Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/23/24 02:05	1
4-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:28	05/23/24 02:05	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		05/22/24 08:28	05/23/24 02:05	1
Hexachlorobutadiene	2.0	U	2.0	0.80	ug/L		05/22/24 08:28	05/23/24 02:05	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		05/22/24 08:28	05/23/24 02:05	1
Nitrobenzene	1.0	U	1.0	0.60	ug/L		05/22/24 08:28	05/23/24 02:05	1
Pentachlorophenol	30	U	30	1.4	ug/L		05/22/24 08:28	05/23/24 02:05	1
Phenol	10	U	10	0.30	ug/L		05/22/24 08:28	05/23/24 02:05	1
Pyridine	10	U	10	1.9	ug/L		05/22/24 08:28	05/23/24 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	123		37 - 150	05/22/24 08:28	05/23/24 02:05	1
2-Fluorobiphenyl	96		46 - 139	05/22/24 08:28	05/23/24 02:05	1
2-Fluorophenol	68		16 - 80	05/22/24 08:28	05/23/24 02:05	1
Nitrobenzene-d5	89		51 - 145	05/22/24 08:28	05/23/24 02:05	1
Phenol-d5	53		10 - 56	05/22/24 08:28	05/23/24 02:05	1
Terphenyl-d14	111		13 - 150	05/22/24 08:28	05/23/24 02:05	1

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	5.0	U	5.0	0.055	ug/L		05/22/24 10:44	05/23/24 06:19	1
Endrin	0.50	U	0.50	0.0040	ug/L		05/22/24 10:44	05/23/24 06:19	1
gamma-BHC (Lindane)	0.50	U	0.50	0.012	ug/L		05/22/24 10:44	05/23/24 06:19	1
Heptachlor	0.50	U	0.50	0.0030	ug/L		05/22/24 10:44	05/23/24 06:19	1
Heptachlor epoxide	0.50	U	0.50	0.0050	ug/L		05/22/24 10:44	05/23/24 06:19	1
Methoxychlor	0.50	U	0.50	0.0040	ug/L		05/22/24 10:44	05/23/24 06:19	1
Toxaphene	5.0	U	5.0	0.11	ug/L		05/22/24 10:44	05/23/24 06:19	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Date Collected: 05/15/24 14:00

Matrix: Solid

Date Received: 05/15/24 20:00

Percent Solids: 85.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		10 - 131	05/22/24 10:44	05/23/24 06:19	1
DCB Decachlorobiphenyl	84		10 - 131	05/22/24 10:44	05/23/24 06:19	1
Tetrachloro-m-xylene	73		10 - 150	05/22/24 10:44	05/23/24 06:19	1
Tetrachloro-m-xylene	94		10 - 150	05/22/24 10:44	05/23/24 06:19	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Aroclor 1262	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1
Total PCBs	0.078	U	0.078	0.021	mg/Kg	☆	05/16/24 17:31	05/17/24 10:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		34 - 150	05/16/24 17:31	05/17/24 10:38	1
DCB Decachlorobiphenyl	66		34 - 150	05/16/24 17:31	05/17/24 10:38	1
Tetrachloro-m-xylene	64		34 - 150	05/16/24 17:31	05/17/24 10:38	1
Tetrachloro-m-xylene	62		34 - 150	05/16/24 17:31	05/17/24 10:38	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	83	U	83	5.0	ug/L		05/22/24 07:20	05/22/24 16:09	1
Silvex (2,4,5-TP)	83	U	83	4.0	ug/L		05/22/24 07:20	05/22/24 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	119		10 - 150	05/22/24 07:20	05/22/24 16:09	1
2,4-Dichlorophenylacetic acid	115		10 - 150	05/22/24 07:20	05/22/24 16:09	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14800		22.4	6.1	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Antimony	0.26	J	1.1	0.16	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Arsenic	7.2		1.1	0.12	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Barium	173		2.2	0.16	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Beryllium	1.6		0.45	0.064	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Cadmium	0.53	J	1.1	0.13	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Calcium	22400		112	45.5	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Chromium	22.9		2.2	1.0	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Cobalt	7.5		2.2	0.17	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Copper	35.6		2.2	0.41	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Iron	18200		67.1	22.6	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Lead	126		0.67	0.22	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Magnesium	11600		112	11.4	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Manganese	336		4.5	0.45	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Nickel	16.7		2.2	0.53	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Potassium	2290		112	18.1	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1

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Client Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Date Collected: 05/15/24 14:00

Matrix: Solid

Date Received: 05/15/24 20:00

Percent Solids: 85.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.78	J	1.4	0.14	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Silver	0.13	J	0.45	0.10	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Sodium	1220		112	51.1	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Thallium	0.26	J	0.45	0.046	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Vanadium	29.6		2.2	0.23	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1
Zinc	138		9.0	3.4	mg/Kg	☆	05/23/24 06:05	05/23/24 16:22	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/23/24 09:37	05/24/24 16:41	10
Barium	765		40.0	9.1	ug/L		05/23/24 09:37	05/24/24 16:41	10
Cadmium	7.3	J	20.0	3.9	ug/L		05/23/24 09:37	05/24/24 16:41	10
Chromium	40.0	U	40.0	25.0	ug/L		05/23/24 09:37	05/24/24 16:41	10
Lead	1080		12.0	8.4	ug/L		05/23/24 09:37	05/24/24 16:41	10
Selenium	25.0	U	25.0	5.9	ug/L		05/23/24 09:37	05/24/24 16:41	10
Silver	20.0	U	20.0	2.9	ug/L		05/23/24 09:37	05/24/24 16:41	10

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/22/24 14:38	05/22/24 15:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.020	0.0092	mg/Kg	☆	05/22/24 00:40	05/22/24 04:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/22/24 15:33	1
Cyanide, Total (SW846 9012B)	0.76		0.24	0.13	mg/Kg	☆	05/24/24 07:38	05/24/24 21:17	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/28/24 10:00	05/28/24 16:12	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	17.4	mg/Kg		05/28/24 09:58	05/28/24 16:09	1
pH (SW846 9045D)	8.2	HF			SU			05/30/24 13:52	1
Temperature (SW846 9045D)	21.3	HF			Degrees C			05/30/24 13:52	1
Corrosivity (SW846 9045D)	8.2	HF			SU			05/30/24 13:52	1
Percent Moisture (EPA Moisture)	14.9		1.0	1.0	%			05/16/24 16:35	1
Percent Solids (EPA Moisture)	85.1		1.0	1.0	%			05/16/24 16:35	1

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Surrogate Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (72-138)	TOL (71-126)	BFB (63-139)	DBFM (54-150)
460-304004-1	TP-02-04_20240515	85	102	99	88
LCS 460-975706/2	Lab Control Sample	86	110	102	88
LCSD 460-975706/4	Lab Control Sample Dup	88	109	106	90
MB 460-975706/7	Method Blank	87	107	101	88

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	TOL (80-120)	BFB (76-120)	DBFM (77-132)
LCS 460-976945/4	Lab Control Sample	83	98	86	89
LCSD 460-976945/5	Lab Control Sample Dup	87	97	86	92
MB 460-976945/9	Method Blank	91	95	84	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	TOL (80-120)	BFB (76-120)	DBFM (77-132)
460-303954-G-1-B MS	Matrix Spike	91	100	87	91
460-304004-1	TP-02-04_20240515	96	99	88	97
LB 460-976482/1-A	Method Blank	96	100	86	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (24-137)	FBP (48-120)	2FP (31-120)	NBZ (38-120)	PHL (39-120)	TPHL (25-126)
460-303974-A-1-E MS	Matrix Spike	84	89	70	79	80	95
460-303974-A-1-F MSD	Matrix Spike Duplicate	90	100	88	96	95	97
460-304004-1	TP-02-04_20240515	90	102	100	102	104	97

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Surrogate Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (24-137)	FBP (48-120)	2FP (31-120)	NBZ (38-120)	PHL (39-120)	TPHL (25-126)
460-304004-1 - DL	TP-02-04_20240515	91 D	99 D	94 D	99 D	99 D	106 D
LCS 460-975307/2-A	Lab Control Sample	99	100	87	95	97	106
LCSD 460-975307/3-A	Lab Control Sample Dup	101	106	102	107	107	114
MB 460-975307/1-A	Method Blank	97	105	110	109	111	120

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (37-150)	FBP (46-139)	2FP (16-80)	NBZ (51-145)	PHL (10-56)	TPHL (13-150)
LCS 460-976217/2-A	Lab Control Sample	125	94	39	83	27	91
LCSD 460-976217/3-A	Lab Control Sample Dup	124	94	40	82	27	90
MB 460-976217/1-A	Method Blank	117	98	47	93	32	106

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHL = Terphenyl-d14

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (37-150)	FBP (46-139)	2FP (16-80)	NBZ (51-145)	PHL (10-56)	TPHL (13-150)
460-304004-1	TP-02-04_20240515	123	96	68	89	53	111
LB 460-976087/1-C	Method Blank	122	98	47	97	32	122

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHL = Terphenyl-d14

Surrogate Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP1 (10-131)	DCBP2 (10-131)	TCX1 (10-150)	TCX2 (10-150)
LCS 460-976245/2-A	Lab Control Sample	87	82	92	81
LCSD 460-976245/3-A	Lab Control Sample Dup	94	90	100	90
MB 460-976245/1-A	Method Blank	106	101	102	100

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: TCLP

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP1 (10-131)	DCBP2 (10-131)	TCX1 (10-150)	TCX2 (10-150)
460-304004-1	TP-02-04_20240515	84	87	94	73
460-304004-1 MS	TP-02-04_20240515	71	67	100	63
LB 460-976087/1-D	Method Blank	87	87	86	86

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP1 (34-150)	DCBP2 (34-150)	TCX1 (34-150)	TCX2 (34-150)
460-304004-1	TP-02-04_20240515	66	72	62	64
LCS 460-975313/2-A	Lab Control Sample	96	99	95	92
LCSD 460-975313/3-A	Lab Control Sample Dup	102	104	99	94
MB 460-975313/1-A	Method Blank	92	94	92	90

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)
LCS 460-976197/2-A	Lab Control Sample	104	106
LCSD 460-976197/3-A	Lab Control Sample Dup	103	104
MB 460-976197/1-A	Method Blank	96	97

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Surrogate Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (10-150)	DCPAA2 (10-150)
460-304004-1	TP-02-04_20240515	115	119
460-304004-1 MS	TP-02-04_20240515	110	114
LB 460-976087/1-B	Method Blank	117	118
Surrogate Legend			
DCPAA = 2,4-Dichlorophenylacetic acid			

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-975706/7

Matrix: Solid

Analysis Batch: 975706

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/19/24 07:59	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/19/24 07:59	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/19/24 07:59	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/19/24 07:59	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/19/24 07:59	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/19/24 07:59	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/19/24 07:59	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/19/24 07:59	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			05/19/24 07:59	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/19/24 07:59	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/19/24 07:59	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/19/24 07:59	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/19/24 07:59	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/19/24 07:59	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/19/24 07:59	1
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/19/24 07:59	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/19/24 07:59	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/19/24 07:59	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/19/24 07:59	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/19/24 07:59	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/19/24 07:59	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			05/19/24 07:59	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			05/19/24 07:59	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			05/19/24 07:59	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/19/24 07:59	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/19/24 07:59	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/19/24 07:59	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/19/24 07:59	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/19/24 07:59	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			05/19/24 07:59	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/19/24 07:59	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			05/19/24 07:59	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			05/19/24 07:59	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/19/24 07:59	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			05/19/24 07:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/19/24 07:59	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/19/24 07:59	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/19/24 07:59	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			05/19/24 07:59	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/19/24 07:59	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			05/19/24 07:59	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/19/24 07:59	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/19/24 07:59	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/19/24 07:59	1
1,4-Dioxane	0.10	U	0.10	0.0092	mg/Kg			05/19/24 07:59	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			05/19/24 07:59	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/19/24 07:59	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			05/19/24 07:59	1

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-975706/7

Matrix: Solid

Analysis Batch: 975706

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/19/24 07:59	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/19/24 07:59	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/19/24 07:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		72 - 138		05/19/24 07:59	1
Toluene-d8 (Surr)	107		71 - 126		05/19/24 07:59	1
4-Bromofluorobenzene	101		63 - 139		05/19/24 07:59	1
Dibromofluoromethane (Surr)	88		54 - 150		05/19/24 07:59	1

Lab Sample ID: LCS 460-975706/2

Matrix: Solid

Analysis Batch: 975706

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	0.0200	0.0161		mg/Kg		81	55 - 139
Bromomethane	0.0200	0.0184		mg/Kg		92	40 - 150
Chloroethane	0.0200	0.0193		mg/Kg		96	60 - 141
Methylene Chloride	0.0200	0.0174		mg/Kg		87	70 - 130
Acetone	0.100	0.0905		mg/Kg		91	63 - 131
Carbon disulfide	0.0200	0.0177		mg/Kg		89	69 - 141
Trichlorofluoromethane	0.0200	0.0135		mg/Kg		67	55 - 142
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		96	70 - 132
1,1-Dichloroethane	0.0200	0.0175		mg/Kg		88	77 - 129
trans-1,2-Dichloroethene	0.0200	0.0173		mg/Kg		87	78 - 128
cis-1,2-Dichloroethene	0.0200	0.0168		mg/Kg		84	80 - 123
Chloroform	0.0200	0.0158		mg/Kg		79	79 - 126
Vinyl chloride	0.0200	0.0203		mg/Kg		102	58 - 147
1,2-Dichloroethane	0.0200	0.0152		mg/Kg		76	70 - 123
2-Butanone (MEK)	0.100	0.0913		mg/Kg		91	64 - 128
1,1,1-Trichloroethane	0.0200	0.0160		mg/Kg		80	72 - 140
Carbon tetrachloride	0.0200	0.0153		mg/Kg		77	54 - 150
Dichlorobromomethane	0.0200	0.0159		mg/Kg		79	67 - 124
1,2-Dichloropropane	0.0200	0.0182		mg/Kg		91	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		100	70 - 127
Trichloroethene	0.0200	0.0163		mg/Kg		82	75 - 120
Chlorodibromomethane	0.0200	0.0181		mg/Kg		91	42 - 150
1,1,2-Trichloroethane	0.0200	0.0206		mg/Kg		103	80 - 120
Benzene	0.0200	0.0200		mg/Kg		100	75 - 130
trans-1,3-Dichloropropene	0.0200	0.0193		mg/Kg		96	69 - 120
Bromoform	0.0200	0.0163		mg/Kg		81	18 - 150
4-Methyl-2-pentanone (MIBK)	0.100	0.100		mg/Kg		100	72 - 122
2-Hexanone	0.100	0.101		mg/Kg		101	61 - 128
Tetrachloroethene	0.0200	0.0181		mg/Kg		90	66 - 133
1,1,2,2-Tetrachloroethane	0.0200	0.0214		mg/Kg		107	66 - 133
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Ethylbenzene	0.0200	0.0204		mg/Kg		102	80 - 120

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-975706/2

Matrix: Solid

Analysis Batch: 975706

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	0.0200	0.0206		mg/Kg		103	73 - 120
m-Xylene & p-Xylene	0.0200	0.0204		mg/Kg		102	80 - 120
o-Xylene	0.0200	0.0207		mg/Kg		104	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0191		mg/Kg		95	71 - 141
Methyl tert-butyl ether	0.0200	0.0167		mg/Kg		84	74 - 125
Cyclohexane	0.0200	0.0185		mg/Kg		92	74 - 132
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120
1,4-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Dichlorodifluoromethane	0.0200	0.0169		mg/Kg		84	51 - 138
1,2,4-Trichlorobenzene	0.0200	0.0190		mg/Kg		95	68 - 124
1,4-Dioxane	0.400	0.429		mg/Kg		107	63 - 145
1,2,3-Trichlorobenzene	0.0200	0.0187		mg/Kg		94	68 - 124
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	64 - 124
Chlorobromomethane	0.0200	0.0164		mg/Kg		82	76 - 127
Isopropylbenzene	0.0200	0.0201		mg/Kg		101	80 - 120
Methyl acetate	0.0400	0.0365		mg/Kg		91	52 - 143
Methylcyclohexane	0.0200	0.0186		mg/Kg		93	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		72 - 138
Toluene-d8 (Surr)	110		71 - 126
4-Bromofluorobenzene	102		63 - 139
Dibromofluoromethane (Surr)	88		54 - 150

Lab Sample ID: LCSD 460-975706/4

Matrix: Solid

Analysis Batch: 975706

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.0200	0.0167		mg/Kg		83	55 - 139	3	30
Bromomethane	0.0200	0.0186		mg/Kg		93	40 - 150	1	30
Chloroethane	0.0200	0.0197		mg/Kg		98	60 - 141	2	30
Methylene Chloride	0.0200	0.0173		mg/Kg		86	70 - 130	1	30
Acetone	0.100	0.0807		mg/Kg		81	63 - 131	11	30
Carbon disulfide	0.0200	0.0174		mg/Kg		87	69 - 141	2	30
Trichlorofluoromethane	0.0200	0.0133		mg/Kg		67	55 - 142	1	30
1,1-Dichloroethene	0.0200	0.0193		mg/Kg		97	70 - 132	0	30
1,1-Dichloroethane	0.0200	0.0176		mg/Kg		88	77 - 129	1	30
trans-1,2-Dichloroethene	0.0200	0.0175		mg/Kg		87	78 - 128	1	30
cis-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	80 - 123	2	30
Chloroform	0.0200	0.0159		mg/Kg		79	79 - 126	1	30
Vinyl chloride	0.0200	0.0210		mg/Kg		105	58 - 147	3	30
1,2-Dichloroethane	0.0200	0.0152		mg/Kg		76	70 - 123	0	30
2-Butanone (MEK)	0.100	0.0886		mg/Kg		89	64 - 128	3	30
1,1,1-Trichloroethane	0.0200	0.0160		mg/Kg		80	72 - 140	0	30
Carbon tetrachloride	0.0200	0.0153		mg/Kg		77	54 - 150	0	30

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-975706/4

Matrix: Solid

Analysis Batch: 975706

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorobromomethane	0.0200	0.0157		mg/Kg		79	67 - 124	1	30
1,2-Dichloropropane	0.0200	0.0182		mg/Kg		91	73 - 124	0	30
cis-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	70 - 127	2	30
Trichloroethene	0.0200	0.0161		mg/Kg		80	75 - 120	1	30
Chlorodibromomethane	0.0200	0.0179		mg/Kg		90	42 - 150	1	30
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	80 - 120	2	30
Benzene	0.0200	0.0191		mg/Kg		96	75 - 130	5	30
trans-1,3-Dichloropropene	0.0200	0.0195		mg/Kg		97	69 - 120	1	30
Bromoform	0.0200	0.0161		mg/Kg		81	18 - 150	1	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0990		mg/Kg		99	72 - 122	1	30
2-Hexanone	0.100	0.103		mg/Kg		103	61 - 128	2	30
Tetrachloroethene	0.0200	0.0181		mg/Kg		90	66 - 133	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.0217		mg/Kg		109	66 - 133	1	30
Toluene	0.0200	0.0192		mg/Kg		96	80 - 120	3	30
Chlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120	1	30
Ethylbenzene	0.0200	0.0201		mg/Kg		101	80 - 120	2	30
Styrene	0.0200	0.0208		mg/Kg		104	73 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0205		mg/Kg		102	80 - 120	0	30
o-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0186		mg/Kg		93	71 - 141	3	30
Methyl tert-butyl ether	0.0200	0.0170		mg/Kg		85	74 - 125	2	30
Cyclohexane	0.0200	0.0182		mg/Kg		91	74 - 132	2	30
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120	0	30
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
Dichlorodifluoromethane	0.0200	0.0174		mg/Kg		87	51 - 138	3	30
1,2,4-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	68 - 124	3	30
1,4-Dioxane	0.400	0.457		mg/Kg		114	63 - 145	6	30
1,2,3-Trichlorobenzene	0.0200	0.0181		mg/Kg		91	68 - 124	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		93	64 - 124	4	30
Chlorobromomethane	0.0200	0.0166		mg/Kg		83	76 - 127	1	30
Isopropylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120	4	30
Methyl acetate	0.0400	0.0350		mg/Kg		87	52 - 143	4	30
Methylcyclohexane	0.0200	0.0184		mg/Kg		92	70 - 133	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		72 - 138
Toluene-d8 (Surr)	109		71 - 126
4-Bromofluorobenzene	106		63 - 139
Dibromofluoromethane (Surr)	90		54 - 150

Lab Sample ID: MB 460-976945/9

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/26/24 11:53	1

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-976945/9

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	1.0	U	1.0	0.33	ug/L			05/26/24 11:53	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/26/24 11:53	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/26/24 11:53	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			05/26/24 11:53	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/26/24 11:53	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/26/24 11:53	1
Benzene	1.0	U	1.0	0.20	ug/L			05/26/24 11:53	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/26/24 11:53	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/26/24 11:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 128		05/26/24 11:53	1
Toluene-d8 (Surr)	95		80 - 120		05/26/24 11:53	1
4-Bromofluorobenzene	84		76 - 120		05/26/24 11:53	1
Dibromofluoromethane (Surr)	92		77 - 132		05/26/24 11:53	1

Lab Sample ID: LCS 460-976945/4

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	20.7		ug/L		103	68 - 133
Chloroform	20.0	19.1		ug/L		96	78 - 125
Vinyl chloride	20.0	19.1		ug/L		95	55 - 144
1,2-Dichloroethane	20.0	18.3		ug/L		91	66 - 129
2-Butanone (MEK)	100	89.9		ug/L		90	61 - 142
Carbon tetrachloride	20.0	17.0		ug/L		85	65 - 142
Trichloroethene	20.0	18.5		ug/L		92	51 - 121
Benzene	20.0	21.9		ug/L		109	71 - 126
Tetrachloroethene	20.0	17.0		ug/L		85	70 - 127
Chlorobenzene	20.0	19.0		ug/L		95	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 128
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene	86		76 - 120
Dibromofluoromethane (Surr)	89		77 - 132

Lab Sample ID: LCSD 460-976945/5

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	20.0	19.2		ug/L		96	68 - 133	7	30
Chloroform	20.0	18.0		ug/L		90	78 - 125	6	30
Vinyl chloride	20.0	17.7		ug/L		89	55 - 144	7	30
1,2-Dichloroethane	20.0	18.0		ug/L		90	66 - 129	2	30
2-Butanone (MEK)	100	85.1		ug/L		85	61 - 142	5	30

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-976945/5

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride	20.0	15.9		ug/L		80	65 - 142	6	30
Trichloroethene	20.0	17.2		ug/L		86	51 - 121	7	30
Benzene	20.0	19.7		ug/L		98	71 - 126	11	30
Tetrachloroethene	20.0	16.0		ug/L		80	70 - 127	6	30
Chlorobenzene	20.0	17.7		ug/L		88	80 - 120	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 128
Toluene-d8 (Surr)	97		80 - 120
4-Bromofluorobenzene	86		76 - 120
Dibromofluoromethane (Surr)	92		77 - 132

Lab Sample ID: LB 460-976482/1-A

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	10	U	10	2.6	ug/L			05/26/24 13:19	10
Chloroform	10	U	10	3.3	ug/L			05/26/24 13:19	10
Vinyl chloride	10	U	10	1.7	ug/L			05/26/24 13:19	10
1,2-Dichloroethane	10	U	10	4.3	ug/L			05/26/24 13:19	10
2-Butanone (MEK)	50	U	50	19	ug/L			05/26/24 13:19	10
Carbon tetrachloride	10	U	10	2.1	ug/L			05/26/24 13:19	10
Trichloroethene	10	U	10	3.1	ug/L			05/26/24 13:19	10
Benzene	10	U	10	2.0	ug/L			05/26/24 13:19	10
Tetrachloroethene	10	U	10	2.5	ug/L			05/26/24 13:19	10
Chlorobenzene	10	U	10	3.8	ug/L			05/26/24 13:19	10

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 128		05/26/24 13:19	10
Toluene-d8 (Surr)	100		80 - 120		05/26/24 13:19	10
4-Bromofluorobenzene	86		76 - 120		05/26/24 13:19	10
Dibromofluoromethane (Surr)	97		77 - 132		05/26/24 13:19	10

Lab Sample ID: 460-303954-G-1-B MS

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Matrix Spike

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	10	U	200	203		ug/L		102	68 - 133
Chloroform	10	U	200	199		ug/L		99	78 - 125
Vinyl chloride	10	U	200	200		ug/L		100	55 - 144
1,2-Dichloroethane	10	U	200	194		ug/L		97	66 - 129
2-Butanone (MEK)	50	U	1000	901		ug/L		90	61 - 142
Carbon tetrachloride	10	U	200	171		ug/L		85	65 - 142
Trichloroethene	10	U	200	183		ug/L		92	51 - 121
Benzene	10	U	200	216		ug/L		108	71 - 126
Tetrachloroethene	10	U	200	173		ug/L		87	70 - 127

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-303954-G-1-B MS

Matrix: Solid

Analysis Batch: 976945

Client Sample ID: Matrix Spike

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	10	U	200	195		ug/L		97	80 - 120

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 128
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene	87		76 - 120
Dibromofluoromethane (Surr)	91		77 - 132

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-975307/1-A

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 975307

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/16/24 17:04	05/16/24 22:38	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-975307/1-A

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 975307

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/16/24 17:04	05/16/24 22:38	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/16/24 17:04	05/16/24 22:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	97		24 - 137	05/16/24 17:04	05/16/24 22:38	1
2-Fluorobiphenyl	105		48 - 120	05/16/24 17:04	05/16/24 22:38	1
2-Fluorophenol (Surr)	110		31 - 120	05/16/24 17:04	05/16/24 22:38	1
Nitrobenzene-d5 (Surr)	109		38 - 120	05/16/24 17:04	05/16/24 22:38	1
Phenol-d5 (Surr)	111		39 - 120	05/16/24 17:04	05/16/24 22:38	1
Terphenyl-d14 (Surr)	120		25 - 126	05/16/24 17:04	05/16/24 22:38	1

Lab Sample ID: LCS 460-975307/2-A

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	3.56		mg/Kg		107	68 - 120

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-975307/2-A

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	3.33	3.51		mg/Kg		105	65 - 120
2,2'-oxybis[1-chloropropane]	3.33	3.14		mg/Kg		94	43 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.49		mg/Kg		105	66 - 127
2,4,5-Trichlorophenol	3.33	3.58		mg/Kg		107	67 - 120
2,4,6-Trichlorophenol	3.33	3.58		mg/Kg		108	67 - 120
2,4-Dichlorophenol	3.33	3.52		mg/Kg		106	66 - 120
2,4-Dimethylphenol	3.33	3.13		mg/Kg		94	62 - 120
2,4-Dinitrophenol	6.67	5.98		mg/Kg		90	27 - 150
2,4-Dinitrotoluene	3.33	3.63		mg/Kg		109	70 - 131
2,6-Dinitrotoluene	3.33	3.66		mg/Kg		110	72 - 121
2-Chloronaphthalene	3.33	3.49		mg/Kg		105	68 - 120
2-Chlorophenol	3.33	3.07		mg/Kg		92	63 - 120
2-Methylnaphthalene	3.33	3.36		mg/Kg		101	64 - 120
2-Methylphenol	3.33	3.26		mg/Kg		98	58 - 120
2-Nitroaniline	3.33	3.76		mg/Kg		113	48 - 129
2-Nitrophenol	3.33	3.18		mg/Kg		95	64 - 120
3,3'-Dichlorobenzidine	3.33	1.39		mg/Kg		42	10 - 136
3-Nitroaniline	3.33	2.29		mg/Kg		69	20 - 132
4,6-Dinitro-2-methylphenol	6.67	7.43		mg/Kg		111	47 - 150
4-Bromophenyl phenyl ether	3.33	3.72		mg/Kg		112	62 - 120
4-Chloro-3-methylphenol	3.33	3.57		mg/Kg		107	66 - 120
4-Chloroaniline	3.33	1.41		mg/Kg		42	10 - 128
4-Chlorophenyl phenyl ether	3.33	3.57		mg/Kg		107	69 - 120
4-Methylphenol	3.33	3.06		mg/Kg		92	55 - 120
4-Nitroaniline	3.33	3.17		mg/Kg		95	52 - 120
4-Nitrophenol	6.67	7.13		mg/Kg		107	43 - 135
Acenaphthene	3.33	3.62		mg/Kg		109	61 - 120
Acenaphthylene	3.33	3.49		mg/Kg		105	64 - 120
Acetophenone	3.33	3.20		mg/Kg		96	57 - 120
Anthracene	3.33	3.62		mg/Kg		109	67 - 120
Atrazine	1.33	1.96	*+	mg/Kg		147	34 - 120
Benzaldehyde	1.33	1.50		mg/Kg		113	28 - 150
Benzo[a]anthracene	3.33	3.56		mg/Kg		107	69 - 120
Benzo[a]pyrene	3.33	3.73		mg/Kg		112	66 - 123
Benzo[b]fluoranthene	3.33	3.66		mg/Kg		110	70 - 125
Benzo[g,h,i]perylene	3.33	3.86		mg/Kg		116	66 - 120
Benzo[k]fluoranthene	3.33	3.67		mg/Kg		110	71 - 122
Bis(2-chloroethoxy)methane	3.33	3.29		mg/Kg		99	62 - 120
Bis(2-chloroethyl)ether	3.33	3.04		mg/Kg		91	54 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.78		mg/Kg		113	68 - 125
Butyl benzyl phthalate	3.33	3.68		mg/Kg		110	69 - 127
Caprolactam	1.33	1.46		mg/Kg		109	26 - 150
Carbazole	3.33	3.56		mg/Kg		107	64 - 120
Chrysene	3.33	3.53		mg/Kg		106	63 - 120
Dibenz(a,h)anthracene	3.33	3.88		mg/Kg		116	66 - 128
Dibenzofuran	3.33	3.55		mg/Kg		107	70 - 120
Diethyl phthalate	3.33	3.52		mg/Kg		106	69 - 120
Dimethyl phthalate	3.33	3.57		mg/Kg		107	70 - 120
Di-n-butyl phthalate	3.33	3.56		mg/Kg		107	66 - 120

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-975307/2-A

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-octyl phthalate	3.33	3.79		mg/Kg		114	65 - 143
Fluoranthene	3.33	3.52		mg/Kg		106	66 - 120
Fluorene	3.33	3.58		mg/Kg		108	70 - 120
Hexachlorobenzene	3.33	3.67		mg/Kg		110	56 - 120
Hexachlorobutadiene	3.33	3.03		mg/Kg		91	62 - 120
Hexachlorocyclopentadiene	3.33	2.59		mg/Kg		78	38 - 120
Hexachloroethane	3.33	2.87		mg/Kg		86	57 - 120
Indeno[1,2,3-cd]pyrene	3.33	4.05		mg/Kg		121	62 - 148
Isophorone	3.33	3.48		mg/Kg		104	60 - 120
Naphthalene	3.33	3.20		mg/Kg		96	63 - 120
Nitrobenzene	3.33	3.31		mg/Kg		99	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.39		mg/Kg		102	55 - 120
N-Nitrosodiphenylamine	3.33	3.73		mg/Kg		112	63 - 120
Pentachlorophenol	6.67	7.12		mg/Kg		107	51 - 126
Phenanthrene	3.33	3.66		mg/Kg		110	66 - 120
Phenol	3.33	3.36		mg/Kg		101	57 - 120
Pyrene	3.33	3.76		mg/Kg		113	67 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	99		24 - 137
2-Fluorobiphenyl	100		48 - 120
2-Fluorophenol (Surr)	87		31 - 120
Nitrobenzene-d5 (Surr)	95		38 - 120
Phenol-d5 (Surr)	97		39 - 120
Terphenyl-d14 (Surr)	106		25 - 126

Lab Sample ID: LCSD 460-975307/3-A

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	3.69		mg/Kg		111	68 - 120	4	30
1,2,4,5-Tetrachlorobenzene	3.33	3.68		mg/Kg		111	65 - 120	5	30
2,2'-oxybis[1-chloropropane]	3.33	3.61		mg/Kg		108	43 - 126	14	30
2,3,4,6-Tetrachlorophenol	3.33	3.48		mg/Kg		105	66 - 127	0	30
2,4,5-Trichlorophenol	3.33	3.58		mg/Kg		108	67 - 120	0	30
2,4,6-Trichlorophenol	3.33	3.60		mg/Kg		108	67 - 120	0	30
2,4-Dichlorophenol	3.33	3.70		mg/Kg		111	66 - 120	5	30
2,4-Dimethylphenol	3.33	3.26		mg/Kg		98	62 - 120	4	30
2,4-Dinitrophenol	6.67	5.95		mg/Kg		89	27 - 150	1	30
2,4-Dinitrotoluene	3.33	3.54		mg/Kg		106	70 - 131	3	30
2,6-Dinitrotoluene	3.33	3.65		mg/Kg		110	72 - 121	0	30
2-Chloronaphthalene	3.33	3.61		mg/Kg		108	68 - 120	3	30
2-Chlorophenol	3.33	3.49		mg/Kg		105	63 - 120	13	30
2-Methylnaphthalene	3.33	3.54		mg/Kg		106	64 - 120	5	30
2-Methylphenol	3.33	3.45		mg/Kg		104	58 - 120	6	30
2-Nitroaniline	3.33	3.80		mg/Kg		114	48 - 129	1	30
2-Nitrophenol	3.33	3.48		mg/Kg		104	64 - 120	9	30

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-975307/3-A

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3,3'-Dichlorobenzidine	3.33	1.45		mg/Kg		44	10 - 136	4	30
3-Nitroaniline	3.33	2.33		mg/Kg		70	20 - 132	2	30
4,6-Dinitro-2-methylphenol	6.67	7.50		mg/Kg		112	47 - 150	1	30
4-Bromophenyl phenyl ether	3.33	3.75		mg/Kg		112	62 - 120	1	30
4-Chloro-3-methylphenol	3.33	3.57		mg/Kg		107	66 - 120	0	30
4-Chloroaniline	3.33	1.58		mg/Kg		47	10 - 128	12	30
4-Chlorophenyl phenyl ether	3.33	3.51		mg/Kg		105	69 - 120	2	30
4-Methylphenol	3.33	3.22		mg/Kg		97	55 - 120	5	30
4-Nitroaniline	3.33	3.09		mg/Kg		93	52 - 120	3	30
4-Nitrophenol	6.67	7.06		mg/Kg		106	43 - 135	1	30
Acenaphthene	3.33	3.64		mg/Kg		109	61 - 120	1	30
Acenaphthylene	3.33	3.53		mg/Kg		106	64 - 120	1	30
Acetophenone	3.33	3.45		mg/Kg		104	57 - 120	8	30
Anthracene	3.33	3.61		mg/Kg		108	67 - 120	0	30
Atrazine	1.33	1.90	*+	mg/Kg		142	34 - 120	3	30
Benzaldehyde	1.33	1.80		mg/Kg		135	28 - 150	18	30
Benzo[a]anthracene	3.33	3.62		mg/Kg		109	69 - 120	2	30
Benzo[a]pyrene	3.33	3.86		mg/Kg		116	66 - 123	3	30
Benzo[b]fluoranthene	3.33	3.68		mg/Kg		110	70 - 125	1	30
Benzo[g,h,i]perylene	3.33	4.13	*+	mg/Kg		124	66 - 120	7	30
Benzo[k]fluoranthene	3.33	3.80		mg/Kg		114	71 - 122	3	30
Bis(2-chloroethoxy)methane	3.33	3.58		mg/Kg		107	62 - 120	8	30
Bis(2-chloroethyl)ether	3.33	3.45		mg/Kg		103	54 - 120	13	30
Bis(2-ethylhexyl) phthalate	3.33	3.76		mg/Kg		113	68 - 125	1	30
Butyl benzyl phthalate	3.33	3.84		mg/Kg		115	69 - 127	4	30
Caprolactam	1.33	1.37		mg/Kg		103	26 - 150	6	30
Carbazole	3.33	3.55		mg/Kg		107	64 - 120	0	30
Chrysene	3.33	3.58		mg/Kg		107	63 - 120	1	30
Dibenz(a,h)anthracene	3.33	4.13		mg/Kg		124	66 - 128	6	30
Dibenzofuran	3.33	3.55		mg/Kg		106	70 - 120	0	30
Diethyl phthalate	3.33	3.43		mg/Kg		103	69 - 120	2	30
Dimethyl phthalate	3.33	3.51		mg/Kg		105	70 - 120	2	30
Di-n-butyl phthalate	3.33	3.53		mg/Kg		106	66 - 120	1	30
Di-n-octyl phthalate	3.33	4.00		mg/Kg		120	65 - 143	5	30
Fluoranthene	3.33	3.44		mg/Kg		103	66 - 120	2	30
Fluorene	3.33	3.55		mg/Kg		107	70 - 120	1	30
Hexachlorobenzene	3.33	3.70		mg/Kg		111	56 - 120	1	30
Hexachlorobutadiene	3.33	3.53		mg/Kg		106	62 - 120	15	30
Hexachlorocyclopentadiene	3.33	2.95		mg/Kg		89	38 - 120	13	30
Hexachloroethane	3.33	3.53		mg/Kg		106	57 - 120	20	30
Indeno[1,2,3-cd]pyrene	3.33	4.37		mg/Kg		131	62 - 148	8	30
Isophorone	3.33	3.63		mg/Kg		109	60 - 120	4	30
Naphthalene	3.33	3.52		mg/Kg		106	63 - 120	9	30
Nitrobenzene	3.33	3.63		mg/Kg		109	63 - 120	9	30
N-Nitrosodi-n-propylamine	3.33	3.61		mg/Kg		108	55 - 120	6	30
N-Nitrosodiphenylamine	3.33	3.77		mg/Kg		113	63 - 120	1	30
Pentachlorophenol	6.67	7.07		mg/Kg		106	51 - 126	1	30
Phenanthrene	3.33	3.66		mg/Kg		110	66 - 120	0	30
Phenol	3.33	3.66		mg/Kg		110	57 - 120	9	30

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-975307/3-A

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	3.33	4.00		mg/Kg		120	67 - 121	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	101		24 - 137
2-Fluorobiphenyl	106		48 - 120
2-Fluorophenol (Surr)	102		31 - 120
Nitrobenzene-d5 (Surr)	107		38 - 120
Phenol-d5 (Surr)	107		39 - 120
Terphenyl-d14 (Surr)	114		25 - 126

Lab Sample ID: 460-303974-A-1-E MS

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.3		4.32	4.68		mg/Kg	✱	79	68 - 120
1,2,4,5-Tetrachlorobenzene	0.43	U	4.32	3.89		mg/Kg	✱	90	65 - 120
2,2'-oxybis[1-chloropropane]	0.43	U	4.32	3.17		mg/Kg	✱	73	43 - 126
2,3,4,6-Tetrachlorophenol	0.43	U	4.32	3.84		mg/Kg	✱	89	66 - 127
2,4,5-Trichlorophenol	0.43	U	4.32	4.13		mg/Kg	✱	96	67 - 120
2,4,6-Trichlorophenol	0.17	U	4.32	4.24		mg/Kg	✱	98	67 - 120
2,4-Dichlorophenol	0.17	U	4.32	3.90		mg/Kg	✱	90	66 - 120
2,4-Dimethylphenol	0.43	U	4.32	3.50		mg/Kg	✱	81	62 - 120
2,4-Dinitrophenol	0.34	U	8.64	5.05		mg/Kg	✱	58	27 - 150
2,4-Dinitrotoluene	0.087	U	4.32	4.10		mg/Kg	✱	95	70 - 131
2,6-Dinitrotoluene	0.087	U	4.32	4.17		mg/Kg	✱	96	72 - 121
2-Chloronaphthalene	0.43	U	4.32	3.93		mg/Kg	✱	91	68 - 120
2-Chlorophenol	0.43	U	4.32	3.03		mg/Kg	✱	70	63 - 120
2-Methylnaphthalene	9.1	F1	4.32	7.88	F1	mg/Kg	✱	-28	64 - 120
2-Methylphenol	0.43	U	4.32	3.40		mg/Kg	✱	79	58 - 120
2-Nitroaniline	0.43	U	4.32	4.73		mg/Kg	✱	109	48 - 129
2-Nitrophenol	0.43	U	4.32	3.32		mg/Kg	✱	77	64 - 120
3,3'-Dichlorobenzidine	0.17	U	4.32	2.45		mg/Kg	✱	57	10 - 136
3-Nitroaniline	0.43	U	4.32	3.02		mg/Kg	✱	70	20 - 132
4,6-Dinitro-2-methylphenol	0.34	U	8.64	7.31		mg/Kg	✱	85	47 - 150
4-Bromophenyl phenyl ether	0.43	U	4.32	4.60		mg/Kg	✱	107	62 - 120
4-Chloro-3-methylphenol	0.43	U	4.32	4.07		mg/Kg	✱	94	66 - 120
4-Chloroaniline	0.43	U	4.32	1.49		mg/Kg	✱	35	10 - 128
4-Chlorophenyl phenyl ether	0.43	U	4.32	3.93		mg/Kg	✱	91	69 - 120
4-Methylphenol	0.084	J	4.32	3.39		mg/Kg	✱	76	55 - 120
4-Nitroaniline	0.43	U	4.32	3.25		mg/Kg	✱	75	52 - 120
4-Nitrophenol	0.87	U	8.64	8.51		mg/Kg	✱	98	43 - 135
Acenaphthene	3.3	F1	4.32	5.77	F1	mg/Kg	✱	58	61 - 120
Acenaphthylene	3.9	F1	4.32	5.85	F1	mg/Kg	✱	45	64 - 120
Acetophenone	0.43	U	4.32	3.16		mg/Kg	✱	73	57 - 120
Anthracene	3.3	F1	4.32	6.05	F1	mg/Kg	✱	64	67 - 120
Atrazine	0.17	U F1 **	1.73	2.28	F1	mg/Kg	✱	132	34 - 120
Benzaldehyde	0.13	J	1.73	1.60		mg/Kg	✱	85	28 - 150

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-303974-A-1-E MS

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	2.5	F1 F2	4.32	5.66		mg/Kg	✱	73	69 - 120
Benzo[a]pyrene	2.1	F1	4.32	5.76		mg/Kg	✱	86	66 - 123
Benzo[b]fluoranthene	1.7	F1 F2	4.32	5.73		mg/Kg	✱	94	70 - 125
Benzo[g,h,i]perylene	0.96	*+	4.32	3.91		mg/Kg	✱	68	66 - 120
Benzo[k]fluoranthene	0.59		4.32	4.81		mg/Kg	✱	98	71 - 122
Bis(2-chloroethoxy)methane	0.43	U	4.32	3.44		mg/Kg	✱	80	62 - 120
Bis(2-chloroethyl)ether	0.043	U	4.32	2.90		mg/Kg	✱	67	54 - 120
Bis(2-ethylhexyl) phthalate	0.12	J	4.32	4.49		mg/Kg	✱	101	68 - 125
Butyl benzyl phthalate	0.43	U	4.32	4.58		mg/Kg	✱	106	69 - 127
Caprolactam	0.43	U	1.73	1.84		mg/Kg	✱	107	26 - 150
Carbazole	0.14	J	4.32	4.29		mg/Kg	✱	96	64 - 120
Chrysene	2.3		4.32	5.58		mg/Kg	✱	75	63 - 120
Dibenz(a,h)anthracene	0.26		4.32	3.87		mg/Kg	✱	84	66 - 128
Dibenzofuran	0.41	J	4.32	4.24		mg/Kg	✱	88	70 - 120
Diethyl phthalate	0.43	U	4.32	4.05		mg/Kg	✱	94	69 - 120
Dimethyl phthalate	0.43	U	4.32	4.15		mg/Kg	✱	96	70 - 120
Di-n-butyl phthalate	0.43	U	4.32	4.57		mg/Kg	✱	106	66 - 120
Di-n-octyl phthalate	0.030	J	4.32	4.80		mg/Kg	✱	110	65 - 143
Fluoranthene	4.2	F1 F2	4.32	6.49	F1	mg/Kg	✱	52	66 - 120
Fluorene	3.7	F1	4.32	5.95	F1	mg/Kg	✱	53	70 - 120
Hexachlorobenzene	0.043	U	4.32	4.32		mg/Kg	✱	100	56 - 120
Hexachlorobutadiene	0.087	U	4.32	2.94		mg/Kg	✱	68	62 - 120
Hexachlorocyclopentadiene	0.43	U F1	4.32	1.44	F1	mg/Kg	✱	33	38 - 120
Hexachloroethane	0.043	U	4.32	2.68		mg/Kg	✱	62	57 - 120
Indeno[1,2,3-cd]pyrene	0.90		4.32	4.33		mg/Kg	✱	80	62 - 148
Isophorone	0.17	U	4.32	3.68		mg/Kg	✱	85	60 - 120
Naphthalene	13	E F1	4.32	9.65	F1	mg/Kg	✱	-87	63 - 120
Nitrobenzene	0.043	U	4.32	3.25		mg/Kg	✱	75	63 - 120
N-Nitrosodi-n-propylamine	0.043	U	4.32	3.40		mg/Kg	✱	79	55 - 120
N-Nitrosodiphenylamine	0.43	U	4.32	4.80		mg/Kg	✱	111	63 - 120
Pentachlorophenol	0.34	U	8.64	8.37		mg/Kg	✱	97	51 - 126
Phenanthrene	13	E F1 F2	4.32	11.2	E F1	mg/Kg	✱	-39	66 - 120
Phenol	0.43	U	4.32	3.52		mg/Kg	✱	82	57 - 120
Pyrene	7.2	F1 F2	4.32	7.98	F1	mg/Kg	✱	17	67 - 121

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	84		24 - 137
2-Fluorobiphenyl	89		48 - 120
2-Fluorophenol (Surr)	70		31 - 120
Nitrobenzene-d5 (Surr)	79		38 - 120
Phenol-d5 (Surr)	80		39 - 120
Terphenyl-d14 (Surr)	95		25 - 126

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-303974-A-1-F MSD

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	1.3		4.32	5.39		mg/Kg	☆	95	68 - 120	14	30
1,2,4,5-Tetrachlorobenzene	0.43	U	4.32	4.37		mg/Kg	☆	101	65 - 120	12	30
2,2'-oxybis[1-chloropropane]	0.43	U	4.32	3.86		mg/Kg	☆	89	43 - 126	20	30
2,3,4,6-Tetrachlorophenol	0.43	U	4.32	4.07		mg/Kg	☆	94	66 - 127	6	30
2,4,5-Trichlorophenol	0.43	U	4.32	4.30		mg/Kg	☆	100	67 - 120	4	30
2,4,6-Trichlorophenol	0.17	U	4.32	4.49		mg/Kg	☆	104	67 - 120	6	30
2,4-Dichlorophenol	0.17	U	4.32	4.33		mg/Kg	☆	100	66 - 120	10	30
2,4-Dimethylphenol	0.43	U	4.32	3.90		mg/Kg	☆	90	62 - 120	11	30
2,4-Dinitrophenol	0.34	U	8.64	5.73		mg/Kg	☆	66	27 - 150	13	30
2,4-Dinitrotoluene	0.087	U	4.32	4.31		mg/Kg	☆	100	70 - 131	5	30
2,6-Dinitrotoluene	0.087	U	4.32	4.45		mg/Kg	☆	103	72 - 121	7	30
2-Chloronaphthalene	0.43	U	4.32	4.39		mg/Kg	☆	102	68 - 120	11	30
2-Chlorophenol	0.43	U	4.32	3.68		mg/Kg	☆	85	63 - 120	20	30
2-Methylnaphthalene	9.1	F1	4.32	9.52	F1	mg/Kg	☆	10	64 - 120	19	30
2-Methylphenol	0.43	U	4.32	3.95		mg/Kg	☆	91	58 - 120	15	30
2-Nitroaniline	0.43	U	4.32	4.94		mg/Kg	☆	114	48 - 129	4	30
2-Nitrophenol	0.43	U	4.32	4.02		mg/Kg	☆	93	64 - 120	19	30
3,3'-Dichlorobenzidine	0.17	U	4.32	2.42		mg/Kg	☆	56	10 - 136	1	30
3-Nitroaniline	0.43	U	4.32	3.19		mg/Kg	☆	74	20 - 132	5	30
4,6-Dinitro-2-methylphenol	0.34	U	8.64	8.12		mg/Kg	☆	94	47 - 150	11	30
4-Bromophenyl phenyl ether	0.43	U	4.32	4.67		mg/Kg	☆	108	62 - 120	1	30
4-Chloro-3-methylphenol	0.43	U	4.32	4.34		mg/Kg	☆	101	66 - 120	7	30
4-Chloroaniline	0.43	U	4.32	1.48		mg/Kg	☆	34	10 - 128	1	30
4-Chlorophenyl phenyl ether	0.43	U	4.32	4.19		mg/Kg	☆	97	69 - 120	6	30
4-Methylphenol	0.084	J	4.32	3.86		mg/Kg	☆	87	55 - 120	13	30
4-Nitroaniline	0.43	U	4.32	3.45		mg/Kg	☆	80	52 - 120	6	30
4-Nitrophenol	0.87	U	8.64	9.24		mg/Kg	☆	107	43 - 135	8	30
Acenaphthene	3.3	F1	4.32	7.03		mg/Kg	☆	87	61 - 120	20	30
Acenaphthylene	3.9	F1	4.32	6.84		mg/Kg	☆	68	64 - 120	16	30
Acetophenone	0.43	U	4.32	3.79		mg/Kg	☆	88	57 - 120	18	30
Anthracene	3.3	F1	4.32	7.96		mg/Kg	☆	108	67 - 120	27	30
Atrazine	0.17	U F1 **	1.73	2.41	F1	mg/Kg	☆	140	34 - 120	6	30
Benzaldehyde	0.13	J	1.73	2.05	E	mg/Kg	☆	111	28 - 150	25	30
Benzo[a]anthracene	2.5	F1 F2	4.32	7.77	F1 F2	mg/Kg	☆	122	69 - 120	31	30
Benzo[a]pyrene	2.1	F1	4.32	7.79	F1	mg/Kg	☆	133	66 - 123	30	30
Benzo[b]fluoranthene	1.7	F1 F2	4.32	7.98	F1 F2	mg/Kg	☆	145	70 - 125	33	30
Benzo[g,h,i]perylene	0.96	**	4.32	4.92		mg/Kg	☆	92	66 - 120	23	30
Benzo[k]fluoranthene	0.59		4.32	5.79		mg/Kg	☆	120	71 - 122	19	30
Bis(2-chloroethoxy)methane	0.43	U	4.32	4.13		mg/Kg	☆	96	62 - 120	18	30
Bis(2-chloroethyl)ether	0.043	U	4.32	3.54		mg/Kg	☆	82	54 - 120	20	30
Bis(2-ethylhexyl) phthalate	0.12	J	4.32	4.55		mg/Kg	☆	103	68 - 125	1	30
Butyl benzyl phthalate	0.43	U	4.32	4.62		mg/Kg	☆	107	69 - 127	1	30
Caprolactam	0.43	U	1.73	1.93		mg/Kg	☆	112	26 - 150	5	30
Carbazole	0.14	J	4.32	5.16		mg/Kg	☆	116	64 - 120	18	30
Chrysene	2.3		4.32	7.40		mg/Kg	☆	117	63 - 120	28	30
Dibenz(a,h)anthracene	0.26		4.32	4.35		mg/Kg	☆	95	66 - 128	12	30
Dibenzofuran	0.41	J	4.32	5.06		mg/Kg	☆	108	70 - 120	18	30
Diethyl phthalate	0.43	U	4.32	4.26		mg/Kg	☆	99	69 - 120	5	30

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-303974-A-1-F MSD

Matrix: Solid

Analysis Batch: 975358

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 975307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethyl phthalate	0.43	U	4.32	4.41		mg/Kg	☼	102	70 - 120	6	30
Di-n-butyl phthalate	0.43	U	4.32	4.71		mg/Kg	☼	109	66 - 120	3	30
Di-n-octyl phthalate	0.030	J	4.32	5.04		mg/Kg	☼	116	65 - 143	5	30
Fluoranthene	4.2	F1 F2	4.32	11.4	E F1 F2	mg/Kg	☼	167	66 - 120	55	30
Fluorene	3.7	F1	4.32	7.21		mg/Kg	☼	82	70 - 120	19	30
Hexachlorobenzene	0.043	U	4.32	4.46		mg/Kg	☼	103	56 - 120	3	30
Hexachlorobutadiene	0.087	U	4.32	3.67		mg/Kg	☼	85	62 - 120	22	30
Hexachlorocyclopentadiene	0.43	U F1	4.32	1.69		mg/Kg	☼	39	38 - 120	16	30
Hexachloroethane	0.043	U	4.32	3.40		mg/Kg	☼	79	57 - 120	24	30
Indeno[1,2,3-cd]pyrene	0.90		4.32	5.58		mg/Kg	☼	108	62 - 148	25	30
Isophorone	0.17	U	4.32	4.25		mg/Kg	☼	98	60 - 120	14	30
Naphthalene	13	E F1	4.32	12.1	E F1	mg/Kg	☼	-29	63 - 120	23	30
Nitrobenzene	0.043	U	4.32	3.92		mg/Kg	☼	91	63 - 120	19	30
N-Nitrosodi-n-propylamine	0.043	U	4.32	4.06		mg/Kg	☼	94	55 - 120	18	30
N-Nitrosodiphenylamine	0.43	U	4.32	5.10		mg/Kg	☼	118	63 - 120	6	30
Pentachlorophenol	0.34	U	8.64	8.77		mg/Kg	☼	101	51 - 126	5	30
Phenanthrene	13	E F1 F2	4.32	17.9	E F2	mg/Kg	☼	118	66 - 120	47	30
Phenol	0.43	U	4.32	4.13		mg/Kg	☼	95	57 - 120	16	30
Pyrene	7.2	F1 F2	4.32	12.2	E F2	mg/Kg	☼	115	67 - 121	42	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	90		24 - 137
2-Fluorobiphenyl	100		48 - 120
2-Fluorophenol (Surr)	88		31 - 120
Nitrobenzene-d5 (Surr)	96		38 - 120
Phenol-d5 (Surr)	95		39 - 120
Terphenyl-d14 (Surr)	97		25 - 126

Lab Sample ID: MB 460-976217/1-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	10	U	10	0.40	ug/L		05/22/24 08:27	05/22/24 18:42	1
2,4,5-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:27	05/22/24 18:42	1
2,4,6-Trichlorophenol	10	U	10	0.80	ug/L		05/22/24 08:27	05/22/24 18:42	1
3 & 4 Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:27	05/22/24 18:42	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		05/22/24 08:27	05/22/24 18:42	1
2-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:27	05/22/24 18:42	1
Pyridine	10	U	10	1.9	ug/L		05/22/24 08:27	05/22/24 18:42	1
4-Methylphenol	10	U	10	0.60	ug/L		05/22/24 08:27	05/22/24 18:42	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		05/22/24 08:27	05/22/24 18:42	1
Hexachlorobutadiene	2.0	U	2.0	0.80	ug/L		05/22/24 08:27	05/22/24 18:42	1
Hexachloroethane	2.0	U	2.0	1.2	ug/L		05/22/24 08:27	05/22/24 18:42	1
Nitrobenzene	1.0	U	1.0	0.60	ug/L		05/22/24 08:27	05/22/24 18:42	1
Pentachlorophenol	30	U	30	1.4	ug/L		05/22/24 08:27	05/22/24 18:42	1
Phenol	10	U	10	0.30	ug/L		05/22/24 08:27	05/22/24 18:42	1

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-976217/1-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976217

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	117		37 - 150	05/22/24 08:27	05/22/24 18:42	1
2-Fluorobiphenyl	98		46 - 139	05/22/24 08:27	05/22/24 18:42	1
2-Fluorophenol	47		16 - 80	05/22/24 08:27	05/22/24 18:42	1
Nitrobenzene-d5	93		51 - 145	05/22/24 08:27	05/22/24 18:42	1
Phenol-d5	32		10 - 56	05/22/24 08:27	05/22/24 18:42	1
Terphenyl-d14	106		13 - 150	05/22/24 08:27	05/22/24 18:42	1

Lab Sample ID: LCS 460-976217/2-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	80.0	42.9		ug/L		54	21 - 120
2,4,5-Trichlorophenol	80.0	88.0		ug/L		110	67 - 131
2,4,6-Trichlorophenol	80.0	90.8		ug/L		113	68 - 134
3 & 4 Methylphenol	80.0	45.7		ug/L		57	37 - 120
2,4-Dinitrotoluene	80.0	94.6		ug/L		118	68 - 146
2-Methylphenol	80.0	49.2		ug/L		62	44 - 120
Pyridine	160	43.5		ug/L		27	13 - 120
4-Methylphenol	80.0	44.7		ug/L		56	37 - 120
Hexachlorobenzene	80.0	94.5		ug/L		118	61 - 142
Hexachlorobutadiene	80.0	45.9		ug/L		57	21 - 120
Hexachloroethane	80.0	34.2		ug/L		43	16 - 120
Nitrobenzene	80.0	77.3		ug/L		97	64 - 120
Pentachlorophenol	160	185		ug/L		115	51 - 150
Phenol	80.0	23.7		ug/L		30	17 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	125		37 - 150
2-Fluorobiphenyl	94		46 - 139
2-Fluorophenol	39		16 - 80
Nitrobenzene-d5	83		51 - 145
Phenol-d5	27		10 - 56
Terphenyl-d14	91		13 - 150

Lab Sample ID: LCSD 460-976217/3-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 976217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	80.0	43.7		ug/L		55	21 - 120	2	30
2,4,5-Trichlorophenol	80.0	86.9		ug/L		109	67 - 131	1	30
2,4,6-Trichlorophenol	80.0	89.9		ug/L		112	68 - 134	1	30
3 & 4 Methylphenol	80.0	45.4		ug/L		57	37 - 120	1	30
2,4-Dinitrotoluene	80.0	93.4		ug/L		117	68 - 146	1	30
2-Methylphenol	80.0	50.2		ug/L		63	44 - 120	2	30
Pyridine	160	46.1		ug/L		29	13 - 120	6	30
4-Methylphenol	80.0	44.3		ug/L		55	37 - 120	1	30

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-976217/3-A

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 976217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobenzene	80.0	93.0		ug/L		116	61 - 142	2	30
Hexachlorobutadiene	80.0	46.3		ug/L		58	21 - 120	1	30
Hexachloroethane	80.0	34.0		ug/L		42	16 - 120	1	30
Nitrobenzene	80.0	77.1		ug/L		96	64 - 120	0	30
Pentachlorophenol	160	182		ug/L		114	51 - 150	1	30
Phenol	80.0	24.1		ug/L		30	17 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol	124		37 - 150
2-Fluorobiphenyl	94		46 - 139
2-Fluorophenol	40		16 - 80
Nitrobenzene-d5	82		51 - 145
Phenol-d5	27		10 - 56
Terphenyl-d14	90		13 - 150

Lab Sample ID: LB 460-976087/1-C

Matrix: Solid

Analysis Batch: 976321

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976217

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	10 U		10	0.40	ug/L		05/22/24 08:28	05/22/24 19:24	1
2,4,5-Trichlorophenol	10 U		10	0.80	ug/L		05/22/24 08:28	05/22/24 19:24	1
2,4,6-Trichlorophenol	10 U		10	0.80	ug/L		05/22/24 08:28	05/22/24 19:24	1
3 & 4 Methylphenol	10 U		10	0.60	ug/L		05/22/24 08:28	05/22/24 19:24	1
2,4-Dinitrotoluene	10 U		10	1.0	ug/L		05/22/24 08:28	05/22/24 19:24	1
2-Methylphenol	10 U		10	0.60	ug/L		05/22/24 08:28	05/22/24 19:24	1
Pyridine	10 U		10	1.9	ug/L		05/22/24 08:28	05/22/24 19:24	1
4-Methylphenol	10 U		10	0.60	ug/L		05/22/24 08:28	05/22/24 19:24	1
Hexachlorobenzene	1.0 U		1.0	0.40	ug/L		05/22/24 08:28	05/22/24 19:24	1
Hexachlorobutadiene	2.0 U		2.0	0.80	ug/L		05/22/24 08:28	05/22/24 19:24	1
Hexachloroethane	2.0 U		2.0	1.2	ug/L		05/22/24 08:28	05/22/24 19:24	1
Nitrobenzene	1.0 U		1.0	0.60	ug/L		05/22/24 08:28	05/22/24 19:24	1
Pentachlorophenol	30 U		30	1.4	ug/L		05/22/24 08:28	05/22/24 19:24	1
Phenol	10 U		10	0.30	ug/L		05/22/24 08:28	05/22/24 19:24	1

Surrogate	LB %Recovery	LB Qualifier	LB Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	122		37 - 150	05/22/24 08:28	05/22/24 19:24	1
2-Fluorobiphenyl	98		46 - 139	05/22/24 08:28	05/22/24 19:24	1
2-Fluorophenol	47		16 - 80	05/22/24 08:28	05/22/24 19:24	1
Nitrobenzene-d5	97		51 - 145	05/22/24 08:28	05/22/24 19:24	1
Phenol-d5	32		10 - 56	05/22/24 08:28	05/22/24 19:24	1
Terphenyl-d14	122		13 - 150	05/22/24 08:28	05/22/24 19:24	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-976245/1-A

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	5.0	U	5.0	0.055	ug/L		05/22/24 10:43	05/23/24 04:12	1
Chlordane (technical)	5.0	U	5.0	0.055	ug/L		05/22/24 10:43	05/23/24 04:12	1
Endrin	0.50	U	0.50	0.0040	ug/L		05/22/24 10:43	05/23/24 04:12	1
Endrin	0.50	U	0.50	0.0040	ug/L		05/22/24 10:43	05/23/24 04:12	1
gamma-BHC (Lindane)	0.50	U	0.50	0.012	ug/L		05/22/24 10:43	05/23/24 04:12	1
gamma-BHC (Lindane)	0.50	U	0.50	0.012	ug/L		05/22/24 10:43	05/23/24 04:12	1
Heptachlor	0.50	U	0.50	0.0030	ug/L		05/22/24 10:43	05/23/24 04:12	1
Heptachlor	0.50	U	0.50	0.0030	ug/L		05/22/24 10:43	05/23/24 04:12	1
Heptachlor epoxide	0.50	U	0.50	0.0050	ug/L		05/22/24 10:43	05/23/24 04:12	1
Heptachlor epoxide	0.50	U	0.50	0.0050	ug/L		05/22/24 10:43	05/23/24 04:12	1
Methoxychlor	0.50	U	0.50	0.0040	ug/L		05/22/24 10:43	05/23/24 04:12	1
Methoxychlor	0.50	U	0.50	0.0040	ug/L		05/22/24 10:43	05/23/24 04:12	1
Toxaphene	5.0	U	5.0	0.11	ug/L		05/22/24 10:43	05/23/24 04:12	1
Toxaphene	5.0	U	5.0	0.11	ug/L		05/22/24 10:43	05/23/24 04:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		10 - 131	05/22/24 10:43	05/23/24 04:12	1
DCB Decachlorobiphenyl	106		10 - 131	05/22/24 10:43	05/23/24 04:12	1
Tetrachloro-m-xylene	100		10 - 150	05/22/24 10:43	05/23/24 04:12	1
Tetrachloro-m-xylene	102		10 - 150	05/22/24 10:43	05/23/24 04:12	1

Lab Sample ID: LCS 460-976245/2-A

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
cis-Chlordane	0.800	0.729		ug/L		91	71 - 123
cis-Chlordane	0.800	0.728		ug/L		91	71 - 123
Endrin	0.800	0.704		ug/L		88	71 - 122
Endrin	0.800	0.713		ug/L		89	71 - 122
gamma-BHC (Lindane)	0.800	0.729		ug/L		91	76 - 123
gamma-BHC (Lindane)	0.800	0.750		ug/L		94	76 - 123
trans-Chlordane	0.800	0.729		ug/L		91	73 - 124
trans-Chlordane	0.800	0.733		ug/L		92	73 - 124
Heptachlor	0.800	0.726		ug/L		91	74 - 127
Heptachlor	0.800	0.732		ug/L		91	74 - 127
Heptachlor epoxide	0.800	0.727		ug/L		91	74 - 128
Heptachlor epoxide	0.800	0.742		ug/L		93	74 - 128
Methoxychlor	0.800	0.724		ug/L		90	56 - 147
Methoxychlor	0.800	0.680		ug/L		85	56 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	82		10 - 131
DCB Decachlorobiphenyl	87		10 - 131
Tetrachloro-m-xylene	81		10 - 150
Tetrachloro-m-xylene	92		10 - 150

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-976245/3-A

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 976245

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-Chlordane	0.800	0.792		ug/L		99	71 - 123	8	30
cis-Chlordane	0.800	0.773		ug/L		97	71 - 123	6	30
Endrin	0.800	0.761		ug/L		95	71 - 122	8	30
Endrin	0.800	0.756		ug/L		95	71 - 122	6	30
gamma-BHC (Lindane)	0.800	0.792		ug/L		99	76 - 123	8	30
gamma-BHC (Lindane)	0.800	0.801		ug/L		100	76 - 123	7	30
trans-Chlordane	0.800	0.792		ug/L		99	73 - 124	8	30
trans-Chlordane	0.800	0.779		ug/L		97	73 - 124	6	30
Heptachlor	0.800	0.791		ug/L		99	74 - 127	8	30
Heptachlor	0.800	0.779		ug/L		97	74 - 127	6	30
Heptachlor epoxide	0.800	0.790		ug/L		99	74 - 128	8	30
Heptachlor epoxide	0.800	0.792		ug/L		99	74 - 128	6	30
Methoxychlor	0.800	0.782		ug/L		98	56 - 147	8	30
Methoxychlor	0.800	0.714		ug/L		89	56 - 147	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	90		10 - 131
DCB Decachlorobiphenyl	94		10 - 131
Tetrachloro-m-xylene	90		10 - 150
Tetrachloro-m-xylene	100		10 - 150

Lab Sample ID: LB 460-976087/1-D

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976245

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	5.0	U	5.0	0.055	ug/L		05/22/24 10:44	05/23/24 05:47	1
Endrin	0.50	U	0.50	0.0040	ug/L		05/22/24 10:44	05/23/24 05:47	1
gamma-BHC (Lindane)	0.50	U	0.50	0.012	ug/L		05/22/24 10:44	05/23/24 05:47	1
Heptachlor	0.50	U	0.50	0.0030	ug/L		05/22/24 10:44	05/23/24 05:47	1
Heptachlor epoxide	0.50	U	0.50	0.0050	ug/L		05/22/24 10:44	05/23/24 05:47	1
Methoxychlor	0.50	U	0.50	0.0040	ug/L		05/22/24 10:44	05/23/24 05:47	1
Toxaphene	5.0	U	5.0	0.11	ug/L		05/22/24 10:44	05/23/24 05:47	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		10 - 131	05/22/24 10:44	05/23/24 05:47	1
DCB Decachlorobiphenyl	87		10 - 131	05/22/24 10:44	05/23/24 05:47	1
Tetrachloro-m-xylene	86		10 - 150	05/22/24 10:44	05/23/24 05:47	1
Tetrachloro-m-xylene	86		10 - 150	05/22/24 10:44	05/23/24 05:47	1

Lab Sample ID: 460-304004-1 MS

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: TP-02-04_20240515

Prep Type: TCLP

Prep Batch: 976245

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-Chlordane	0.50	U	0.800	0.731		ug/L		91	71 - 123
cis-Chlordane	0.50	U	0.800	0.761		ug/L		95	71 - 123
Endrin	0.50	U	0.800	0.811		ug/L		101	71 - 122

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-304004-1 MS

Matrix: Solid

Analysis Batch: 976383

Client Sample ID: TP-02-04_20240515

Prep Type: TCLP

Prep Batch: 976245

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin	0.50	U	0.800	0.615		ug/L		77	71 - 122
gamma-BHC (Lindane)	0.50	U	0.800	1.10		ug/L		137	76 - 123
gamma-BHC (Lindane)	0.50	U	0.800	0.702		ug/L		88	76 - 123
trans-Chlordane	0.50	U	0.800	0.548		ug/L		69	73 - 124
trans-Chlordane	0.50	U	0.800	0.797		ug/L		100	73 - 124
Heptachlor	0.50	U	0.800	0.719		ug/L		90	74 - 127
Heptachlor	0.50	U	0.800	0.756		ug/L		95	74 - 127
Heptachlor epoxide	0.50	U	0.800	0.718		ug/L		90	74 - 128
Heptachlor epoxide	0.50	U	0.800	0.810		ug/L		101	74 - 128
Methoxychlor	0.50	U	0.800	0.740		ug/L		93	56 - 147
Methoxychlor	0.50	U	0.800	1.00		ug/L		125	56 - 147

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	67		10 - 131
DCB Decachlorobiphenyl	71		10 - 131
Tetrachloro-m-xylene	63		10 - 150
Tetrachloro-m-xylene	100		10 - 150

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-975313/1-A

Matrix: Solid

Analysis Batch: 975401

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 975313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1262	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1262	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Total PCBs	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1
Total PCBs	0.067	U	0.067	0.018	mg/Kg		05/16/24 17:31	05/17/24 05:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		34 - 150	05/16/24 17:31	05/17/24 05:25	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-975313/1-A
Matrix: Solid
Analysis Batch: 975401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 975313

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		34 - 150	05/16/24 17:31	05/17/24 05:25	1
Tetrachloro-m-xylene	90		34 - 150	05/16/24 17:31	05/17/24 05:25	1
Tetrachloro-m-xylene	92		34 - 150	05/16/24 17:31	05/17/24 05:25	1

Lab Sample ID: LCS 460-975313/2-A
Matrix: Solid
Analysis Batch: 975401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 975313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.320		mg/Kg		96	61 - 133
Aroclor 1016	0.333	0.340		mg/Kg		102	61 - 133
Aroclor 1260	0.333	0.339		mg/Kg		102	59 - 150
Aroclor 1260	0.333	0.330		mg/Kg		99	59 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	99		34 - 150
DCB Decachlorobiphenyl	96		34 - 150
Tetrachloro-m-xylene	92		34 - 150
Tetrachloro-m-xylene	95		34 - 150

Lab Sample ID: LCSD 460-975313/3-A
Matrix: Solid
Analysis Batch: 975401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 975313

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.333	0.299		mg/Kg		90	61 - 133	7	30
Aroclor 1016	0.333	0.330		mg/Kg		99	61 - 133	3	30
Aroclor 1260	0.333	0.329		mg/Kg		99	59 - 150	3	30
Aroclor 1260	0.333	0.325		mg/Kg		97	59 - 150	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	104		34 - 150
DCB Decachlorobiphenyl	102		34 - 150
Tetrachloro-m-xylene	94		34 - 150
Tetrachloro-m-xylene	99		34 - 150

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-976197/1-A
Matrix: Solid
Analysis Batch: 976220

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 976197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	3.0	U	3.0	0.18	ug/L		05/22/24 07:20	05/22/24 14:35	1
2,4-D	3.0	U	3.0	0.18	ug/L		05/22/24 07:20	05/22/24 14:35	1
Silvex (2,4,5-TP)	3.0	U	3.0	0.14	ug/L		05/22/24 07:20	05/22/24 14:35	1
Silvex (2,4,5-TP)	3.0	U	3.0	0.14	ug/L		05/22/24 07:20	05/22/24 14:35	1

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 460-976197/1-A

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976197

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
2,4-Dichlorophenylacetic acid	97		10 - 150	05/22/24 07:20	05/22/24 14:35	1			
2,4-Dichlorophenylacetic acid	96		10 - 150	05/22/24 07:20	05/22/24 14:35	1			

Lab Sample ID: LCS 460-976197/2-A

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D	8.00	9.78		ug/L		122	28 - 150		
2,4-D	8.00	9.39		ug/L		117	28 - 150		
Silvex (2,4,5-TP)	2.00	2.48	J	ug/L		124	22 - 150		
Silvex (2,4,5-TP)	2.00	2.35	J	ug/L		118	22 - 150		

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
2,4-Dichlorophenylacetic acid	106		10 - 150						
2,4-Dichlorophenylacetic acid	104		10 - 150						

Lab Sample ID: LCSD 460-976197/3-A

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 976197

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
2,4-D	8.00	9.02		ug/L		113	28 - 150	8	30
2,4-D	8.00	8.79		ug/L		110	28 - 150	7	30
Silvex (2,4,5-TP)	2.00	2.34	J	ug/L		117	22 - 150	6	30
Silvex (2,4,5-TP)	2.00	2.24	J	ug/L		112	22 - 150	5	30

	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
2,4-Dichlorophenylacetic acid	104		10 - 150						
2,4-Dichlorophenylacetic acid	103		10 - 150						

Lab Sample ID: LB 460-976087/1-B

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976197

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	83	U	83	5.0	ug/L		05/22/24 07:20	05/22/24 15:42	1
Silvex (2,4,5-TP)	83	U	83	4.0	ug/L		05/22/24 07:20	05/22/24 15:42	1

	LB	LB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
2,4-Dichlorophenylacetic acid	118		10 - 150	05/22/24 07:20	05/22/24 15:42	1			
2,4-Dichlorophenylacetic acid	117		10 - 150	05/22/24 07:20	05/22/24 15:42	1			

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 460-304004-1 MS

Matrix: Solid

Analysis Batch: 976220

Client Sample ID: TP-02-04_20240515

Prep Type: TCLP

Prep Batch: 976197

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	83	U	133	158		ug/L		119	28 - 150
2,4-D	83	U	133	155		ug/L		116	28 - 150
Silvex (2,4,5-TP)	83	U	33.3	42.2	J	ug/L		127	22 - 150
Silvex (2,4,5-TP)	83	U	33.3	41.8	J	ug/L		125	22 - 150

Surrogate	MS %Recovery	MS Qualifier	MS Limits
2,4-Dichlorophenylacetic acid	114		10 - 150
2,4-Dichlorophenylacetic acid	110		10 - 150

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-976410/1-A

Matrix: Solid

Analysis Batch: 976537

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Calcium	100	U	100	40.7	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Chromium	2.0	U	2.0	0.91	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Iron	60.0	U	60.0	20.2	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Magnesium	100	U	100	10.2	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Nickel	2.0	U	2.0	0.47	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Potassium	100	U	100	16.2	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Sodium	100	U	100	45.7	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/23/24 06:05	05/23/24 15:00	1
Zinc	8.0	U	8.0	3.1	mg/Kg		05/23/24 06:05	05/23/24 15:00	1

Lab Sample ID: LCSSRM 460-976410/2-A ^3

Matrix: Solid

Analysis Batch: 976537

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976410

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6780	6652		mg/Kg		98.1	52.9 - 147.2
Antimony	127	90.92		mg/Kg		71.6	3.1 - 200.8

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-976410/2-A ^3
Matrix: Solid
Analysis Batch: 976537

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976410

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	311	352.9		mg/Kg		113.5	81.7 - 118.3
Barium	304	304.8		mg/Kg		100.3	81.9 - 118.1
Beryllium	169	173.3		mg/Kg		102.6	82.8 - 117.2
Cadmium	212	235.0		mg/Kg		110.8	82.5 - 117.9
Calcium	5170	5524		mg/Kg		106.8	82.0 - 117.8
Chromium	180	200.4		mg/Kg		111.3	81.1 - 118.3
Cobalt	81.6	90.71		mg/Kg		111.2	83.2 - 116.9
Copper	205	228.8		mg/Kg		111.6	82.9 - 117.1
Iron	6510	6882		mg/Kg		105.7	57.8 - 142.2
Lead	92.8	101.5		mg/Kg		109.4	81.8 - 118.5
Magnesium	1700	1883		mg/Kg		110.7	75.3 - 124.1
Manganese	531	586.4		mg/Kg		110.4	80.8 - 119.2
Nickel	313	349.0		mg/Kg		111.5	82.4 - 117.6
Potassium	1370	1268		mg/Kg		92.6	72.3 - 127.7
Selenium	165	184.0		mg/Kg		111.5	80.6 - 119.4
Silver	82.4	90.47		mg/Kg		109.8	79.5 - 120.4
Sodium	486	573.0		mg/Kg		117.9	74.3 - 125.7
Thallium	205	226.7		mg/Kg		110.6	81.0 - 119.5
Vanadium	103	113.7		mg/Kg		110.4	78.0 - 122.3
Zinc	166	191.2		mg/Kg		115.2	80.1 - 120.5

Lab Sample ID: 460-303967-H-2-F MS
Matrix: Solid
Analysis Batch: 976537

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 976410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5830		505	6013	4	mg/Kg	✱	37	75 - 125
Antimony	0.21	J F1	5.05	2.44	F1	mg/Kg	✱	44	75 - 125
Arsenic	4.0		10.1	12.62		mg/Kg	✱	86	75 - 125
Barium	38.8	F1	10.1	43.78	F1	mg/Kg	✱	49	75 - 125
Beryllium	0.44		5.05	5.37		mg/Kg	✱	98	75 - 125
Cadmium	0.17	J	5.05	4.89		mg/Kg	✱	94	75 - 125
Calcium	5270		505	7229	4	mg/Kg	✱	388	75 - 125
Chromium	37.3	F1	10.1	35.56	F1	mg/Kg	✱	-17	75 - 125

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-303967-H-2-F MS

Matrix: Solid

Analysis Batch: 976537

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 976410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	9.3	F1	5.05	12.86	F1	mg/Kg	✱	71	75 - 125
Copper	21.4		10.1	30.00		mg/Kg	✱	86	75 - 125
Iron	18400		505	14840	4	mg/Kg	✱	-706	75 - 125
Lead	31.1		5.05	32.39	4	mg/Kg	✱	25	75 - 125
Magnesium	3190		505	4159	4	mg/Kg	✱	193	75 - 125
Manganese	300		50.5	238.1	4	mg/Kg	✱	-123	75 - 125
Nickel	83.7		10.1	96.02	4	mg/Kg	✱	122	75 - 125
Potassium	790	F1	505	1151	F1	mg/Kg	✱	71	75 - 125
Selenium	0.21	J	10.1	9.26		mg/Kg	✱	90	75 - 125
Silver	0.33	J	5.05	4.88		mg/Kg	✱	90	75 - 125
Sodium	73.2	J	505	571.5		mg/Kg	✱	99	75 - 125
Thallium	0.052	J	4.04	3.78		mg/Kg	✱	92	75 - 125
Vanadium	19.3	F1	10.1	26.48	F1	mg/Kg	✱	71	75 - 125
Zinc	58.6		50.5	109.4		mg/Kg	✱	101	75 - 125

Lab Sample ID: 460-303967-H-2-E DU

Matrix: Solid

Analysis Batch: 976537

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 976410

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	5830		5608		mg/Kg	✱	4	20
Antimony	0.21	J F1	0.222	J	mg/Kg	✱	7	20
Arsenic	4.0		3.13	F5	mg/Kg	✱	23	20
Barium	38.8	F1	36.85		mg/Kg	✱	5	20
Beryllium	0.44		0.373	J	mg/Kg	✱	16	20
Cadmium	0.17	J	0.135	J F5	mg/Kg	✱	24	20
Calcium	5270		7256	F3	mg/Kg	✱	32	20
Chromium	37.3	F1	29.82	F3	mg/Kg	✱	22	20
Cobalt	9.3	F1	7.86		mg/Kg	✱	16	20
Copper	21.4		20.05		mg/Kg	✱	6	20
Iron	18400		13700	F3	mg/Kg	✱	29	20
Lead	31.1		28.87		mg/Kg	✱	8	20
Magnesium	3190		3193		mg/Kg	✱	0.2	20
Manganese	300		172.6	F3	mg/Kg	✱	54	20
Nickel	83.7		73.65		mg/Kg	✱	13	20
Potassium	790	F1	793.0		mg/Kg	✱	0.4	20
Selenium	0.21	J	0.213	J	mg/Kg	✱	2	20
Silver	0.33	J	0.309	J	mg/Kg	✱	7	20
Sodium	73.2	J	73.13	J	mg/Kg	✱	0.1	20
Thallium	0.052	J	0.0506	J	mg/Kg	✱	3	20
Vanadium	19.3	F1	17.45		mg/Kg	✱	10	20
Zinc	58.6		53.96		mg/Kg	✱	8	20

Lab Sample ID: MB 460-976451/1-A

Matrix: Solid

Analysis Batch: 976764

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976451

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		05/23/24 09:37	05/24/24 16:25	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-976451/1-A
Matrix: Solid
Analysis Batch: 976764

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 976451

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	4.0	U	4.0	0.91	ug/L		05/23/24 09:37	05/24/24 16:25	1
Cadmium	2.0	U	2.0	0.39	ug/L		05/23/24 09:37	05/24/24 16:25	1
Chromium	4.0	U	4.0	2.5	ug/L		05/23/24 09:37	05/24/24 16:25	1
Lead	1.2	U	1.2	0.84	ug/L		05/23/24 09:37	05/24/24 16:25	1
Selenium	2.5	U	2.5	0.59	ug/L		05/23/24 09:37	05/24/24 16:25	1
Silver	2.0	U	2.0	0.29	ug/L		05/23/24 09:37	05/24/24 16:25	1

Lab Sample ID: LCS 460-976451/2-A ^10
Matrix: Solid
Analysis Batch: 976764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976451

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	5120		ug/L		102	80 - 120
Barium	10000	9835		ug/L		98	80 - 120
Cadmium	1000	1013		ug/L		101	80 - 120
Chromium	5000	5099		ug/L		102	80 - 120
Lead	5000	5130		ug/L		103	80 - 120
Selenium	1000	1018		ug/L		102	80 - 120
Silver	500	489.1		ug/L		98	80 - 120

Lab Sample ID: LB 460-976087/1-G ^10
Matrix: Solid
Analysis Batch: 976764

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 976451

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/23/24 09:37	05/24/24 17:43	10
Barium	40.0	U	40.0	9.1	ug/L		05/23/24 09:37	05/24/24 17:43	10
Cadmium	20.0	U	20.0	3.9	ug/L		05/23/24 09:37	05/24/24 17:43	10
Chromium	40.0	U	40.0	25.0	ug/L		05/23/24 09:37	05/24/24 17:43	10
Lead	12.0	U	12.0	8.4	ug/L		05/23/24 09:37	05/24/24 17:43	10
Selenium	25.0	U	25.0	5.9	ug/L		05/23/24 09:37	05/24/24 17:43	10
Silver	20.0	U	20.0	2.9	ug/L		05/23/24 09:37	05/24/24 17:43	10

Lab Sample ID: 460-304289-A-1-E MS ^10
Matrix: Solid
Analysis Batch: 976764

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 976451

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	20.0	U	5000	5134		ug/L		103	75 - 125
Barium	1400		10000	11250		ug/L		99	75 - 125
Cadmium	535		1000	1570		ug/L		104	75 - 125
Chromium	40.0	U	5000	5010		ug/L		100	75 - 125
Lead	45300		5000	51210	4	ug/L		118	75 - 125
Selenium	25.0	U	1000	1034		ug/L		103	75 - 125
Silver	20.0	U	500	483.7		ug/L		97	75 - 125

Eurofins Edison

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-304289-A-1-D DU ^10

Matrix: Solid

Analysis Batch: 976764

Client Sample ID: Duplicate

Prep Type: TCLP

Prep Batch: 976451

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic	20.0	U	20.0	U	ug/L		NC	20
Barium	1400		1449		ug/L		4	20
Cadmium	535		558.8		ug/L		4	20
Chromium	40.0	U	40.0	U	ug/L		NC	20
Lead	45300		47620		ug/L		5	20
Selenium	25.0	U	6.01	J	ug/L		NC	20
Silver	20.0	U	20.0	U	ug/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-976279/1-A

Matrix: Solid

Analysis Batch: 976327

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 976279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/22/24 14:38	05/22/24 15:24	1

Lab Sample ID: LCS 460-976279/2-A

Matrix: Solid

Analysis Batch: 976327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 976279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.12		ug/L		102	80 - 120

Lab Sample ID: LB 460-976087/1-F

Matrix: Solid

Analysis Batch: 976327

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 976279

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/22/24 14:38	05/22/24 16:17	1

Lab Sample ID: 460-304004-1 MS

Matrix: Solid

Analysis Batch: 976327

Client Sample ID: TP-02-04_20240515

Prep Type: TCLP

Prep Batch: 976279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	5.00	4.70		ug/L		94	75 - 125

Lab Sample ID: 460-304004-1 DU

Matrix: Solid

Analysis Batch: 976327

Client Sample ID: TP-02-04_20240515

Prep Type: TCLP

Prep Batch: 976279

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-976146/10-A
Matrix: Solid
Analysis Batch: 976194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 976146

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/22/24 00:40	05/22/24 04:03	1

Lab Sample ID: LCSSRM 460-976146/11-A ^20
Matrix: Solid
Analysis Batch: 976194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976146

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	11.9	11.46		mg/Kg		96.3	67.1 - 131.9

Lab Sample ID: 460-304295-E-1-L MS
Matrix: Solid
Analysis Batch: 976194

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 976146

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.017	U	0.0828	0.0930		mg/Kg	☼	112	80 - 120

Lab Sample ID: 460-304295-E-1-M MSD
Matrix: Solid
Analysis Batch: 976194

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 976146

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.017	U	0.0828	0.0902		mg/Kg	☼	109	80 - 120	3	20

Lab Sample ID: 460-304295-E-1-K DU
Matrix: Solid
Analysis Batch: 976194

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 976146

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.017	U	0.017	U	mg/Kg	☼	NC	20

Method: 1030 - Ignitability, Solids

Lab Sample ID: 460-303954-I-1 DU
Matrix: Solid
Analysis Batch: 976293

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Burn Rate	2.20	U	2.20	U	mm/sec		NC	10

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 460-976664/13-A
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 976664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/24/24 07:38	05/24/24 20:49	1

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: LCSSRM 460-976664/14-A ^20
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976664

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	183	67.20		mg/Kg		36.7	21.9 - 121.9

Lab Sample ID: MRL 460-976664/12-A
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 976664

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0105		mg/L		105	50 - 150

Lab Sample ID: 460-304436-E-13-R MS
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 976664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.24	U	4.58	3.77		mg/Kg	✱	82	29 - 100

Lab Sample ID: 460-304436-E-13-S MSD
Matrix: Solid
Analysis Batch: 976810

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 976664

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.24	U	4.73	4.02		mg/Kg	✱	85	29 - 100	6	40

Method: 9014 - Cyanide, Reactive

Lab Sample ID: MB 460-977081/1-A
Matrix: Solid
Analysis Batch: 977141

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 977081

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/28/24 10:00	05/28/24 16:11	1

Lab Sample ID: LCS 460-977081/2-A
Matrix: Solid
Analysis Batch: 977141

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 977081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	40.0	25.0	U	mg/Kg		12	10 - 100

Lab Sample ID: 460-303967-H-1-H DU
Matrix: Solid
Analysis Batch: 977141

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 977081

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	25.0	U	25.0	U	mg/Kg		NC	10

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QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 460-977078/1-A
Matrix: Solid
Analysis Batch: 977140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 977078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	17.4	mg/Kg		05/28/24 09:57	05/28/24 16:09	1

Lab Sample ID: LCSSRM 460-977078/3-A
Matrix: Solid
Analysis Batch: 977140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 977078

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	92.8	84.96		mg/Kg		91.6	49.9 - 140.1

Lab Sample ID: 460-303967-H-1-E MS
Matrix: Solid
Analysis Batch: 977140

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 977078

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	20.0	U	522	490.5		mg/Kg		94	56 - 132

Lab Sample ID: 460-303967-H-1-F MSD
Matrix: Solid
Analysis Batch: 977140

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 977078

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.0	U	522	490.5		mg/Kg		94	56 - 132	0	11

Method: 9045D - pH

Lab Sample ID: LCSSRM 460-977487/2
Matrix: Solid
Analysis Batch: 977487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
pH	8.55	8.6		SU		100.0	97.7 - 102.3
Corrosivity	8.55	8.6		SU		100.0	97.7 - 102.3

Lab Sample ID: 460-304004-1 DU
Matrix: Solid
Analysis Batch: 977487

Client Sample ID: TP-02-04_20240515
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.2	HF	8.2		SU		0.1	10
Temperature	21.3	HF	21.3		Degrees C		0	10
Corrosivity	8.2	HF	8.2		SU		0.1	10

QC Sample Results

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method: Moisture - Percent Moisture

Lab Sample ID: 460-303891-A-11 DU				Client Sample ID: Duplicate			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 975289							
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD Limit
Percent Moisture	12.0		13.8		%		14 20
Percent Solids	88.0		86.2		%		2 20

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

GC/MS VOA

Prep Batch: 975308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	5035	

Analysis Batch: 975706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	8260D	975308
MB 460-975706/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-975706/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-975706/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Leach Batch: 976482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	1311	
LB 460-976482/1-A	Method Blank	TCLP	Solid	1311	
460-303954-G-1-B MS	Matrix Spike	TCLP	Solid	1311	

Analysis Batch: 976945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	8260D	976482
LB 460-976482/1-A	Method Blank	TCLP	Solid	8260D	976482
MB 460-976945/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-976945/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-976945/5	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-303954-G-1-B MS	Matrix Spike	TCLP	Solid	8260D	976482

GC/MS Semi VOA

Prep Batch: 975307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	3546	
460-304004-1 - DL	TP-02-04_20240515	Total/NA	Solid	3546	
MB 460-975307/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-975307/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-975307/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-303974-A-1-E MS	Matrix Spike	Total/NA	Solid	3546	
460-303974-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 975358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	8270E	975307
460-304004-1 - DL	TP-02-04_20240515	Total/NA	Solid	8270E	975307
MB 460-975307/1-A	Method Blank	Total/NA	Solid	8270E	975307
LCS 460-975307/2-A	Lab Control Sample	Total/NA	Solid	8270E	975307
LCSD 460-975307/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	975307
460-303974-A-1-E MS	Matrix Spike	Total/NA	Solid	8270E	975307
460-303974-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	975307

Leach Batch: 976087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	1311	
LB 460-976087/1-C	Method Blank	TCLP	Solid	1311	

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QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

GC/MS Semi VOA

Prep Batch: 976217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	3510C	976087
LB 460-976087/1-C	Method Blank	TCLP	Solid	3510C	976087
MB 460-976217/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-976217/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-976217/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 976321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	8270E	976217
LB 460-976087/1-C	Method Blank	TCLP	Solid	8270E	976217
MB 460-976217/1-A	Method Blank	Total/NA	Solid	8270E	976217
LCS 460-976217/2-A	Lab Control Sample	Total/NA	Solid	8270E	976217
LCSD 460-976217/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	976217

GC Semi VOA

Prep Batch: 975313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	3546	
MB 460-975313/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-975313/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-975313/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 975401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	8082A	975313
MB 460-975313/1-A	Method Blank	Total/NA	Solid	8082A	975313
LCS 460-975313/2-A	Lab Control Sample	Total/NA	Solid	8082A	975313
LCSD 460-975313/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	975313

Leach Batch: 976087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	1311	
LB 460-976087/1-B	Method Blank	TCLP	Solid	1311	
LB 460-976087/1-D	Method Blank	TCLP	Solid	1311	
460-304004-1 MS	TP-02-04_20240515	TCLP	Solid	1311	

Prep Batch: 976197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	8151A	976087
LB 460-976087/1-B	Method Blank	TCLP	Solid	8151A	976087
MB 460-976197/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-976197/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-976197/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-304004-1 MS	TP-02-04_20240515	TCLP	Solid	8151A	976087

Analysis Batch: 976220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	8151A	976197
LB 460-976087/1-B	Method Blank	TCLP	Solid	8151A	976197
MB 460-976197/1-A	Method Blank	Total/NA	Solid	8151A	976197

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QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

GC Semi VOA (Continued)

Analysis Batch: 976220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-976197/2-A	Lab Control Sample	Total/NA	Solid	8151A	976197
LCSD 460-976197/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	976197
460-304004-1 MS	TP-02-04_20240515	TCLP	Solid	8151A	976197

Prep Batch: 976245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	3510C	976087
LB 460-976087/1-D	Method Blank	TCLP	Solid	3510C	976087
MB 460-976245/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 460-976245/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 460-976245/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
460-304004-1 MS	TP-02-04_20240515	TCLP	Solid	3510C	976087

Analysis Batch: 976383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	8081B	976245
LB 460-976087/1-D	Method Blank	TCLP	Solid	8081B	976245
MB 460-976245/1-A	Method Blank	Total/NA	Solid	8081B	976245
LCS 460-976245/2-A	Lab Control Sample	Total/NA	Solid	8081B	976245
LCSD 460-976245/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	976245
460-304004-1 MS	TP-02-04_20240515	TCLP	Solid	8081B	976245

Metals

Leach Batch: 976087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	1311	
LB 460-976087/1-F	Method Blank	TCLP	Solid	1311	
LB 460-976087/1-G ^10	Method Blank	TCLP	Solid	1311	
460-304004-1 MS	TP-02-04_20240515	TCLP	Solid	1311	
460-304289-A-1-E MS ^10	Matrix Spike	TCLP	Solid	1311	
460-304004-1 DU	TP-02-04_20240515	TCLP	Solid	1311	
460-304289-A-1-D DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 976146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	7471B	
MB 460-976146/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-976146/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-304295-E-1-L MS	Matrix Spike	Total/NA	Solid	7471B	
460-304295-E-1-M MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-304295-E-1-K DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 976194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	7471B	976146
MB 460-976146/10-A	Method Blank	Total/NA	Solid	7471B	976146
LCSSRM 460-976146/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	976146
460-304295-E-1-L MS	Matrix Spike	Total/NA	Solid	7471B	976146
460-304295-E-1-M MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	976146
460-304295-E-1-K DU	Duplicate	Total/NA	Solid	7471B	976146

Eurofins Edison

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Metals

Prep Batch: 976279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	7470A	976087
LB 460-976087/1-F	Method Blank	TCLP	Solid	7470A	976087
MB 460-976279/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-976279/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-304004-1 MS	TP-02-04_20240515	TCLP	Solid	7470A	976087
460-304004-1 DU	TP-02-04_20240515	TCLP	Solid	7470A	976087

Analysis Batch: 976327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	7470A	976279
LB 460-976087/1-F	Method Blank	TCLP	Solid	7470A	976279
MB 460-976279/1-A	Method Blank	Total/NA	Solid	7470A	976279
LCS 460-976279/2-A	Lab Control Sample	Total/NA	Solid	7470A	976279
460-304004-1 MS	TP-02-04_20240515	TCLP	Solid	7470A	976279
460-304004-1 DU	TP-02-04_20240515	TCLP	Solid	7470A	976279

Prep Batch: 976410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	3050B	
MB 460-976410/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-976410/2-A ^3	Lab Control Sample	Total/NA	Solid	3050B	
460-303967-H-2-F MS	Matrix Spike	Total/NA	Solid	3050B	
460-303967-H-2-E DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 976451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	3010A	976087
LB 460-976087/1-G ^10	Method Blank	TCLP	Solid	3010A	976087
MB 460-976451/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-976451/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-304289-A-1-E MS ^10	Matrix Spike	TCLP	Solid	3010A	976087
460-304289-A-1-D DU ^10	Duplicate	TCLP	Solid	3010A	976087

Analysis Batch: 976537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	6020B	976410
MB 460-976410/1-A	Method Blank	Total/NA	Solid	6020B	976410
LCSSRM 460-976410/2-A ^3	Lab Control Sample	Total/NA	Solid	6020B	976410
460-303967-H-2-F MS	Matrix Spike	Total/NA	Solid	6020B	976410
460-303967-H-2-E DU	Duplicate	Total/NA	Solid	6020B	976410

Analysis Batch: 976764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	TCLP	Solid	6020B	976451
LB 460-976087/1-G ^10	Method Blank	TCLP	Solid	6020B	976451
MB 460-976451/1-A	Method Blank	Total/NA	Solid	6020B	976451
LCS 460-976451/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	976451
460-304289-A-1-E MS ^10	Matrix Spike	TCLP	Solid	6020B	976451
460-304289-A-1-D DU ^10	Duplicate	TCLP	Solid	6020B	976451

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QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

General Chemistry

Analysis Batch: 975289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	Moisture	
460-304032-A-8 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-304032-A-8 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-303891-A-11 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 976293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	1030	
460-303954-I-1 DU	Duplicate	Total/NA	Solid	1030	

Prep Batch: 976664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	9012B	
MB 460-976664/13-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-976664/14-A ^	Lab Control Sample	Total/NA	Solid	9012B	
MRL 460-976664/12-A	Lab Control Sample	Total/NA	Solid	9012B	
460-304436-E-13-R MS	Matrix Spike	Total/NA	Solid	9012B	
460-304436-E-13-S MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Analysis Batch: 976810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	9012B	976664
MB 460-976664/13-A	Method Blank	Total/NA	Solid	9012B	976664
LCSSRM 460-976664/14-A ^	Lab Control Sample	Total/NA	Solid	9012B	976664
MRL 460-976664/12-A	Lab Control Sample	Total/NA	Solid	9012B	976664
460-304436-E-13-R MS	Matrix Spike	Total/NA	Solid	9012B	976664
460-304436-E-13-S MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	976664

Prep Batch: 977078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	7.3.4	
MB 460-977078/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCSSRM 460-977078/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-303967-H-1-E MS	Matrix Spike	Total/NA	Solid	7.3.4	
460-303967-H-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 977081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	7.3.3	
MB 460-977081/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-977081/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-303967-H-1-H DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 977140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	9034	977078
MB 460-977078/1-A	Method Blank	Total/NA	Solid	9034	977078
LCSSRM 460-977078/3-A	Lab Control Sample	Total/NA	Solid	9034	977078
460-303967-H-1-E MS	Matrix Spike	Total/NA	Solid	9034	977078
460-303967-H-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	977078

Eurofins Edison

QC Association Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

General Chemistry

Analysis Batch: 977141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	9014	977081
MB 460-977081/1-A	Method Blank	Total/NA	Solid	9014	977081
LCS 460-977081/2-A	Lab Control Sample	Total/NA	Solid	9014	977081
460-303967-H-1-H DU	Duplicate	Total/NA	Solid	9014	977081

Analysis Batch: 977487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-304004-1	TP-02-04_20240515	Total/NA	Solid	9045D	
LCSSRM 460-977487/2	Lab Control Sample	Total/NA	Solid	9045D	
460-304004-1 DU	TP-02-04_20240515	Total/NA	Solid	9045D	

Lab Chronicle

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Date Collected: 05/15/24 14:00

Matrix: Solid

Date Received: 05/15/24 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			976482	BJB	EET EDI	05/23/24 11:45 - 05/24/24 08:30 ¹
TCLP	Analysis	8260D		10	976945	MZS	EET EDI	05/26/24 14:45
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	3510C			976217	SXS	EET EDI	05/22/24 08:28
TCLP	Analysis	8270E		1	976321	MME	EET EDI	05/23/24 02:05
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	3510C			976245	OTS	EET EDI	05/22/24 10:44
TCLP	Analysis	8081B		1	976383	FAM	EET EDI	05/23/24 06:19
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	8151A			976197	AXB	EET EDI	05/22/24 07:20
TCLP	Analysis	8151A		1	976220	SAK	EET EDI	05/22/24 16:09
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	3010A			976451	KXN	EET EDI	05/23/24 09:37
TCLP	Analysis	6020B		10	976764	CDC	EET EDI	05/24/24 16:41
TCLP	Leach	1311			976087	YAH	EET EDI	05/21/24 16:13 - 05/22/24 08:13 ¹
TCLP	Prep	7470A			976279	RBS	EET EDI	05/22/24 14:38
TCLP	Analysis	7470A		1	976327	RBS	EET EDI	05/22/24 15:28
Total/NA	Analysis	1030		1	976293	YAH	EET EDI	05/22/24 15:33
Total/NA	Prep	7.3.3			977081	YAH	EET EDI	05/28/24 10:00
Total/NA	Analysis	9014		1	977141	YAH	EET EDI	05/28/24 16:12
Total/NA	Prep	7.3.4			977078	YAH	EET EDI	05/28/24 09:58
Total/NA	Analysis	9034		1	977140	YAH	EET EDI	05/28/24 16:09
Total/NA	Analysis	9045D		1	977487	MNP	EET EDI	05/30/24 13:52
Total/NA	Analysis	Moisture		1	975289	CJC	EET EDI	05/16/24 16:35

Client Sample ID: TP-02-04_20240515

Lab Sample ID: 460-304004-1

Date Collected: 05/15/24 14:00

Matrix: Solid

Date Received: 05/15/24 20:00

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			975308	MXW	EET EDI	05/16/24 17:21
Total/NA	Analysis	8260D		1	975706	AAT	EET EDI	05/19/24 09:39
Total/NA	Prep	3546			975307	REN	EET EDI	05/16/24 17:07
Total/NA	Analysis	8270E		1	975358	MME	EET EDI	05/17/24 04:13
Total/NA	Prep	3546	DL		975307	REN	EET EDI	05/16/24 17:07
Total/NA	Analysis	8270E	DL	10	975358	MME	EET EDI	05/17/24 07:11
Total/NA	Prep	3546			975313	ARA	EET EDI	05/16/24 17:31
Total/NA	Analysis	8082A		1	975401	JHP	EET EDI	05/17/24 10:38
Total/NA	Prep	3050B			976410	FBT	EET EDI	05/23/24 06:05
Total/NA	Analysis	6020B		1	976537	JKF	EET EDI	05/23/24 16:22
Total/NA	Prep	7471B			976146	TJS	EET EDI	05/22/24 00:40
Total/NA	Analysis	7471B		1	976194	TJS	EET EDI	05/22/24 04:41
Total/NA	Prep	9012B			976664	BJK	EET EDI	05/24/24 07:38
Total/NA	Analysis	9012B		1	976810	VBG	EET EDI	05/24/24 21:17

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Eurofins Edison

Lab Chronicle

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
8270E	3510C	Solid	3 & 4 Methylphenol
9014	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Temperature
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
8151A	Herbicides (GC)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
1030	Ignitability, Solids	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable	SW846	EET EDI
9014	Cyanide, Reactive	SW846	EET EDI
9034	Sulfide, Reactive	SW846	EET EDI
9045D	pH	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1311	TCLP Extraction	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7.3.3	Cyanide, Reactive	SW846	EET EDI
7.3.4	Sulfide, Reactive	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI
8151A	Extraction (Herbicides)	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Parsons Corporation
Project/Site: Hunts Point Excavation

Job ID: 460-304004-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-304004-1	TP-02-04_20240515	Solid	05/15/24 14:00	05/15/24 20:00

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Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Company Name Parsons Address 301 Plainfield Rd City/State/Zip Syracuse, NY 13217 Phone (315) 418-8967 Fax Project Name Hunts Point Excavation Site Hunts Point Canal PO #		Client Contact Project Manager: Stephen Liberto Tel/Email: Stephen Liberto@parsons.com Analysis Turnaround Time ☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below ☒ See 2 weeks ☐ Special 1 week ☐ Instructions ☐ 1 day		Sample Identification IP-02-2024-05 TP-02-04-2024-0515		Sample Date 5/15/24		Sample Time 1400		Sample Type C		Matrix S		# of Cont. 9	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other															
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown															
Special Instructions/QC Requirements & Comments: TCL VOCs/TCL SVOCs/PCBs on fastest TAT available Hold analysis for TAL Metals/TCL VOCs/SVOCs/PCBs on fastest TAT available															
Custody Seals Intact ☐ Yes ☐ No Relinquished by Jb Ragan Relinquished by Parsons Relinquished by Parsons															
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months															
Site Contact: Jb Ragan Lab Contact: Jill Miller Date: 5/15/2024 Carrier:															
COG No _____ Sampler _____ For Lab Use Only: Walk-in Client _____ Lab Sampling _____ Job / SDG No 34004 See Special instructions Sample Specific Notes															

1620 2502

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Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 460-304004-1

Login Number: 304004

List Number: 1

Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT 4
CAMP AND BREATHING ZONE
MONITORING DATA

Attachment 4A
Summary of Community Air Monitoring Data - Dust
Hunts Point Food Center Drive Electric Line Reinforcement
Bronx, NY

DUST MONITORING - DUSTTRAK II							
DATE	UPWIND DUST ⁽¹⁾			DOWNWIND DUST ⁽¹⁾			EXCEED ACTION LEVEL ⁽³⁾
	MINIMUM ⁽²⁾	MAXIMUM ⁽²⁾	AVERAGE	MINIMUM ⁽²⁾	MAXIMUM ⁽²⁾	AVERAGE	
5/13/2024	21.00	46.56	31.00	13.66	86.67	43.69	NO
5/14/2024	11.40	134.13	16.52	13.47	79.20	34.29	NO
5/15/2024	9.50	18.50	14.30	10.93	35.67	18.10	NO
7/1/2024	5.60	8.86	7.48	0.20	35.27	18.56	NO
7/2/2024	4.27	16.80	6.58	4.20	16.08	13.40	NO
7/3/2024	12.60	21.07	15.92	12.13	65.07	22.30	NO
7/22/2024	17.10	40.30	23.94	31.73	49.60	40.66	NO
7/23/2024	14.00	28.00	19.12	3.67	22.85	13.32	NO
7/24/2024	39.07	50.07	43.64	33.87	51.93	39.40	NO
7/25/2024	46.07	68.60	56.38	43.00	66.20	48.79	NO
7/26/2024	10.40	22.67	13.13	10.80	72.40	23.58	NO
7/29/2024	50.27	88.67	62.77	45.07	90.66	55.95	NO
7/30/2024	50.93	61.46	55.88	45.60	68.73	53.62	NO

1) Measurements in micrograms per cubic meter (µg/m3).

2) MINIMUM and MAXIMUM dust meter readings refer to highest and lowest readings on 15-minute intervals.

3) Dust Action Level = 150 µg/m3 above background over 15-minute time weighted average.

Attachment 4B
Summary of Community Air Monitoring Data - Volatile Organic Compounds
Hunts Point Food Center Drive Electric Line Reinforcement

Bronx, NY

VOLATILE ORGANIC COMPOUNDS - MINIRAE 3000 PID							
DATE	UPWIND VOCs ⁽¹⁾			DOWNWIND VOCs ⁽¹⁾			EXCEED ACTION LEVEL ⁽³⁾
	MINIMUM ⁽²⁾	MAXIMUM ⁽²⁾	AVERAGE	MINIMUM ⁽²⁾	MAXIMUM ⁽²⁾	AVERAGE	
5/13/2024	0.00	3.10	0.01	0.00	0.80	0.18	NO
5/14/2024	0.00	0.00	0.00	0.00	0.50	0.22	NO
5/15/2024	0.00	0.00	0.00	0.00	0.10	0.03	NO
7/1/2024	0.00	0.00	0.00	0.10	0.20	0.16	NO
7/2/2024	0.00	0.10	0.00	0.00	0.10	0.07	NO
7/3/2024	0.10	0.30	0.18	0.00	0.10	0.07	NO
7/22/2024	0.00	0.00	0.00	0.20	0.30	0.26	NO
7/23/2024	0.00	0.00	0.00	0.00	0.20	0.08	NO
7/24/2024	0.00	0.00	0.00	0.00	0.10	0.00	NO
7/25/2024	0.00	0.20	0.00	0.00	0.40	0.15	NO
7/26/2024	0.00	0.10	0.00	0.00	0.20	0.13	NO
7/29/2024	0.00	0.00	0.00	0.00	0.50	0.03	NO
7/30/2024	0.00	0.00	0.00	0.00	0.10	0.07	NO

1) Measurements in parts per million (ppm).

2) MINIMUM and MAXIMUM photoionization detector readings refer to highest and lowest readings on 15-minute intervals.

3) Volatile organic compound action level = 5 ppm above background over 15-minute time weight average.

Attachment 4C
Summary of Breathing Zone Monitoring Data
Hunts Point Food Center Drive Electric Line Reinforcement
Bronx, NY

DUST MONITORING - PDR				
DATE	BREATHING ZONE DUST ⁽¹⁾			EXCEED ACTION LEVEL? ⁽³⁾
	MINIMUM ⁽²⁾	MAXIMUM ⁽²⁾	AVERAGE	
5/13/2024	51.56	84.69	63.10	NO
5/14/2024	0.00	148.56	29.20	NO
5/15/2024	0.06	33.39	9.24	NO
7/1/2024	0.00	0.00	0.00	NO
7/2/2024	0.00	0.00	0.00	NO
7/3/2024	0.00	0.00	0.00	NO
7/22/2024	22.00	58.00	39.70	NO
7/23/2024	2.00	38.00	17.20	NO
7/24/2024	27.00	45.00	32.84	NO
7/25/2024	13.00	82.00	41.50	NO
7/26/2024	10.00	85.00	12.13	NO
7/29/2024	34.38	70.36	42.74	NO
7/30/2024	13.75	130.68	44.15	NO

NOTES:

1) Measurements in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

2) MINIMUM and MAXIMUM dust meter readings refer to highest and lowest readings on 15-minute intervals.

3) Dust Action Level = $150 \mu\text{g}/\text{m}^3$ above background.

Attachment 4C
Summary of Breathing Zone Monitoring Data
Hunts Point Food Center Drive Electric Line Reinforcement
Bronx, NY

VOLATILE ORGANIC COMPOUNDS - MULTIRAE				
DATE	BREATHING ZONE VOCs ⁽⁴⁾			EXCEED ACTION LEVEL? ⁽⁶⁾
	MINIMUM ⁽⁵⁾	MAXIMUM ⁽⁵⁾	AVERAGE	
5/13/2024	0.00	2.10	0.49	NO
5/14/2024	0.00	2.70	0.19	NO
5/15/2024	0.00	0.00	0.00	NO
7/1/2024	0.00	0.00	0.00	NO
7/2/2024	0.00	0.00	0.00	NO
7/3/2024	0.00	0.00	0.00	NO
7/22/2024	0.00	0.10	0.00	NO
7/23/2024	0.00	0.10	0.00	NO
7/24/2024	0.00	3.19	0.98	NO
7/25/2024	0.00	3.70	0.03	NO
7/26/2024	0.00	0.10	0.00	NO
7/29/2024	0.00	1.30	0.13	NO
7/30/2024	0.00	0.30	0.06	NO

NOTES:

4) Measurements in parts per million (ppm).

5) MINIMUM and MAXIMUM photoionization detector readings refer to highest and lowest readings on 15-minute intervals.

6) Volatile organic compound action level = 5 ppm above background.

Attachment 4C
Summary of Breathing Zone Monitoring Data
Hunts Point Food Center Drive Electric Line Reinforcement
Bronx, NY

CARBON MONOXIDE (CO) - MULTIRAE				
DATE	BREATHING ZONE CO ⁽⁷⁾			EXCEED ACTION LEVEL? ⁽⁹⁾
	MINIMUM ⁽⁸⁾	MAXIMUM ⁽⁸⁾	AVERAGE	
5/13/2024	0.00	0.00	0.00	NO
5/14/2024	0.00	0.00	0.00	NO
5/15/2024	0.00	0.00	0.00	NO
7/1/2024	0.00	0.00	0.00	NO
7/2/2024	0.00	0.00	0.00	NO
7/3/2024	0.00	0.00	0.00	NO
7/22/2024	0.00	0.00	0.00	NO
7/23/2024	0.00	3.80	0.18	NO
7/24/2024	0.00	0.00	0.00	NO
7/25/2024	0.00	3.67	0.27	NO
7/26/2024	0.00	0.00	0.00	NO
7/29/2024	0.00	0.40	0.07	NO
7/30/2024	0.00	0.00	0.00	NO

NOTES:

7) Measurements in parts per million (ppm).

8) MINIMUM and MAXIMUM detector readings refer to highest and lowest readings readings on 15-minute intervals.

9) Carbon monoxide action level = 5 ppm above background.

Attachment 4C
Summary of Breathing Zone Monitoring Data
Hunts Point Food Center Drive Electric Line Reinforcement
Bronx, NY

LOWER EXPLOSIVE LIMIT (LEL) - MULTIRAE				
DATE	BREATHING ZONE LEL ⁽¹⁰⁾			EXCEED ACTION LEVEL? ⁽¹²⁾
	MINIMUM ⁽¹¹⁾	MAXIMUM ⁽¹¹⁾	AVERAGE	
5/13/2024	0.00	0.00	0.00	NO
5/14/2024	0.00	0.00	0.00	NO
5/15/2024	0.00	0.00	0.00	NO
7/1/2024	0.00	0.00	0.00	NO
7/2/2024	0.00	0.00	0.00	NO
7/3/2024	0.00	0.00	0.00	NO
7/22/2024	0.00	0.00	0.00	NO
7/23/2024	0.00	0.00	0.00	NO
7/24/2024	0.00	0.00	0.00	NO
7/25/2024	0.00	0.00	0.00	NO
7/26/2024	0.00	0.00	0.00	NO
7/29/2024	0.00	0.00	0.00	NO
7/30/2024	0.00	0.00	0.00	NO

NOTES:

10) Measurements in percent by volume (%).

11) MINIMUM and MAXIMUM detector readings refer to highest and lowest readings on 15-minute intervals.

12) LEL action level = less than 10% above background to investigate possible cause, 10% above background to stop work.

Attachment 4C
Summary of Breathing Zone Monitoring Data
Hunts Point Food Center Drive Electric Line Reinforcement
Bronx, NY

HYDROGEN SULFIDE (H ₂ S) - MULTIRAE				
DATE	BREATHING ZONE H ₂ S ⁽¹³⁾			EXCEED ACTION LEVEL? ⁽¹⁵⁾
	MINIMUM ⁽¹⁴⁾	MAXIMUM ⁽¹⁴⁾	AVERAGE	
5/13/2024	0.00	0.00	0.00	NO
5/14/2024	0.00	0.00	0.00	NO
5/15/2024	0.00	0.00	0.00	NO
7/1/2024	0.00	0.00	0.00	NO
7/2/2024	0.00	0.00	0.00	NO
7/3/2024	0.00	0.00	0.00	NO
7/22/2024	0.00	0.00	0.00	NO
7/23/2024	0.00	0.00	0.00	NO
7/24/2024	0.00	0.00	0.00	NO
7/25/2024	0.00	0.00	0.00	NO
7/26/2024	0.00	0.00	0.00	NO
7/29/2024	0.00	0.00	0.00	NO
7/30/2024	0.00	0.00	0.00	NO

NOTES:

13) Measurements in parts per million (ppm).

14) MINIMUM and MAXIMUM detector readings refer to highest and lowest readings on 15-minute intervals.

15) Hydrogen sulfide action level = 3 ppm above background.

Attachment 4C
Summary of Breathing Zone Monitoring Data
Hunts Point Food Center Drive Electric Line Reinforcement
Bronx, NY

OXYGEN CONTENT (O ₂) - MULTIRAE				
DATE	BREATHING ZONE O ₂ ⁽¹⁶⁾			EXCEED ACTION LEVEL? ⁽¹⁸⁾
	MINIMUM ⁽¹⁷⁾	MAXIMUM ⁽¹⁷⁾	AVERAGE	
5/13/2024	20.90	20.90	20.90	NO
5/14/2024	20.90	20.90	20.90	NO
5/15/2024	20.90	20.90	20.90	NO
7/1/2024	20.90	20.90	20.90	NO
7/2/2024	20.90	20.90	20.90	NO
7/3/2024	20.90	20.90	20.90	NO
7/22/2024	20.90	20.90	20.90	NO
7/23/2024	20.90	20.90	20.90	NO
7/24/2024	20.90	20.90	20.90	NO
7/25/2024	20.90	20.90	20.90	NO
7/26/2024	20.90	20.90	20.90	NO
7/29/2024	20.90	20.90	20.90	NO
7/30/2024	20.90	20.90	20.90	NO

NOTES:

16) Measurements in percent by volume (%).

17) MINIMUM and MAXIMUM detector readings refer to highest and lowest readings on 15-minute intervals.

18) Percent oxygen action level equals O₂ content >21.1% or <20.7%.

ATTACHMENT 5

MATERIALS APPROVALS AND SUPPORTING DOCUMENTATION

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B

625 Broadway, 12th Floor, Albany, NY 12233-7016

P: (518) 402-9767 | F: (518) 402-9773

www.dec.ny.gov

July 2, 2024

Con Edison of New York, Inc.

Attn: Melissa Abt, P.G.

31-01 20th Avenue

Building 136, 2nd Floor

Astoria, NY 11105-2048

AbtM@coned.com

Re: **Hunts Point Perimeter**
Property County: Bronx
Site ID No.: V00641

Dear Melissa Abt:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the request dated June 25, 2024, to import up to 100 cubic yards of screened fill from New York Recycling, LLC. New York Recycling, LLC is a NYSDEC-registered Construction and Demolition Debris Handling and Recovery facility located at 475 Exterior Street, Bronx, New York 10451. Based on the information provided, the request is hereby approved. This approval is based on the following factors:

1. The proposed material meets the Unrestricted and groundwater protection soil cleanup objectives (SCOs) as provided in Appendix 5 of DER-10 for volatile organic compounds, semi-volatile organic compounds, pesticides/PCBs, and metals.
2. PFOA and PFOS did not exceed Unrestricted Guidance Values as provided in the guidance document *"Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs"*.
3. 1-4-Dioxane did not exceed the Allowable Constituent Level for Impacted Soil for Fill of 0.1 ppm as provided in Appendix 5 of DER-10.

Based on the above, this material is acceptable for use at the site. If you have any questions, please contact me at (518) 402-9615 or by email:

ronnie.lee@dec.ny.gov.

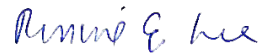


Department of
Environmental
Conservation

Melissa Abt
July 2, 2024

Page 2

Sincerely,



Ronnie E. Lee, P.E.
Project Manager

ec: S. Quandt, J. O'Connell, M. Murphy - NYSDEC
S. Selmer - NYSDOH
K. McCarty (kmccarty@geiconsultants)
R. Lucas (rlucas@edc.nyc)
J. Braverman (jbraverman@edc.nyc)



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that passes a size 100 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Please find attached the analytical results from May 2024

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Analysis attached

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

New York Recycling

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

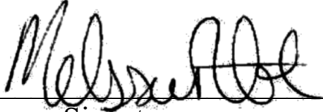
DEC 03W87

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

analytical report, sieve analysis, DEC permit, Dept of Sanitation Permit

The information provided on this form is accurate and complete.



Signature

06/25/2024

Date

Melissa Abt

Print Name

Con Edison of New York, Inc.

Firm



REGISTRATION FORM FOR A
SOLID WASTE MANAGEMENT FACILITY

Please read and follow all instructions before
completing this registration form

DEPARTMENT USE ONLY

DEC REGISTRATION # 03W87

DEC ADMINISTRATION # _____

DATE RECEIVED 06/15/12

PLEASE TYPE OR PRINT CLEARLY

THIS IS NOT AN UPA PERMIT

1. FACILITY NAME AND LOCATION New York Recycling LLC		2. FACILITY OWNER'S NAME New York Recycling LLC	
Street 475 Exterior Street		Mailing Address 3830 Boston Road	
City/Village Bronx		City/Town/Village Bronx	
Town New York County Bronx		State/Zip Code New York 10475	
Telephone Number (718) 325-8815		Telephone Number (718) 325-8815	
3. FACILITY OPERATOR'S NAME (if different)		4. SITE OWNER'S NAME (if different) River Edge Realty Corp.	
Mailing Address		Mailing Address 801 Bartholdi Street	
City/Town/Village		City/Town/Village Bronx	
State/Zip Code		State/Zip Code New York 10467	
Telephone Number		Telephone Number (718) 231-4274	
5. TYPE OF FACILITY REGISTRATION (check all applicable) ☐ Energy Recovery Incinerators or Pyrolysis Units [360-3.1(c)] ☐ Land Clearing Debris Landfills three acres or less [360-7.2(a)] ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50,000 cubic yards or 12,500 tons of household solid waste annually [360-11.1(b)(i)] ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50,000 cubic yards or 12,500 tons of containerized solid waste annually [360-11.1(b)(2)] ☐ Source Separated, Nonputrescible Solid Waste Recyclables Handling and Recovery Facilities [360-12.1(d)] ☐ Waste Tire Retreaders [360-13.1(d)(1)(i)] ☐ Waste Tire Stored for On-site Energy Recovery [360-13.1(d)(1)(ii)] ☐ Tire Dealers Selling Waste Tires [360-13.1(d)(1)(iii)] ☐ Tire Manufacturing Facilities [360-13.1(d)(1)(iv)] ☒ Processing Facilities Receiving Only Recognizable Uncontaminated Concrete, Asphalt Pavement, Brick, Soil or Rock [360-16.1(d)(1)(i)] ☐ Uncontaminated Unadulterated Wood Processing Facilities [360-16.1(d)(1)(ii)] ☐ Other Facilities not specifically described above, specify type _____			
6. SOLID WASTE HANDLED a. List wastes and/or materials to be accepted waste permitted under 360-16.1(d)(1)(i) b. Quantity (specify Units - see instructions) design capacity 20,000 cy storage on site 20,000 cy		7. OPERATIONS SCHEDULE - Normal schedule of operation 24/7	
		8. NAME(S) OF ALL MUNICIPALITIES SERVED NYC metropolitan region	
9. CERTIFICATION: I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority as <u>President</u> (title) of <u>New York Recycling LLC</u> (Entity) to sign this registration form pursuant to 6 NYCRR Part 360. By signing this registration form, I affirm that I have read the applicable regulations and will abide by all conditions of the registration requirements. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.			
Printed/Typed Name <u>Eric Coppola</u>		Signature <u>[Signature]</u>	
		Mo. Day Year <u>6</u> <u>15</u> <u>12</u>	

REGIONAL OFFICE COPY - COPY #1



sanitation

NEW YORK CITY DEPARTMENT OF SANITATION

ENVIRONMENTAL AFFAIRS
PERMIT INSPECTION UNIT
125 Worth Street, Room 812
New York, New York 10013
Telephone (646) 885-5027

Date of Issuance: June 11, 2024

FILL MATERIAL SOLID WASTE TRANSFER STATION PERMIT

Transfer Station Number: 22a

**Address: New York Recycling, LLC.
475 Exterior Street
Bronx, New York 10451**

Block # 2349 Lot # 112

From: 5/25/2024 To: 5/24/2025

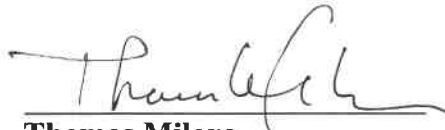
The above referenced location is to be used only for the reception and deposition of fill material. All operations at these premises and the use thereof shall be in conformity with all applicable federal, state and local laws, and the rules and regulations of any governmental agency having jurisdiction over these premises or the use thereof; and in accordance with any statements contained in your application. This permit is further subject to the following conditions:

- (1) Only fill material, (earth, ashes, dirt, concrete, rock, gravel, stone or sand) can be dumped at the transfer station site as defined by the Department's rules and regulations.
- (2) The volume of fill material stored must not exceed 20,000 cubic yards.
- (3) The maximum pile height of fill material solid waste in the northeast portion of the premises from a 45 foot distance west of the eastern boundary wall of the facility must not exceed 20 feet in height.
- (5) The maximum pile height of fill material solid waste pile(s), in the remainder of the facility must not exceed 40 feet in height.
- (6) A working water supply must be within access of all sections of the pile(s).
- (7) Dust created by the dumping and transferring of fill material must be kept under control.

- (8) A daily record shall be kept showing what fill material is brought into the site by cubic yards, where it came from, and where it was ultimately disposed of by cubic yards.
- (10) This permit should be prominently displayed at the transfer station site and available for review by Department inspectors at all times.
- (11) This permit is conditioned upon compliance by the permittee with any and all rules and regulations of the Department of Sanitation in existence on the date of this permit's issuance, and any operating rules amended or promulgated during its term.
- (12) This permit is issued upon the condition that the Applicant's fill material transfer station shall comply with all federal, state and local laws, rules and regulations governing the installation of a system for the sanitary disposal of stormwater, sewage and waste water and the discharge of stormwater, sewage and waste water. The Department or other regulatory agency with jurisdiction over such installations or discharges may inspect the Applicant's fill material transfer station to determine compliance with such requirements and may require the installation of a drainage or other system where necessary.
- (13) New York Recycling, LLC shall not permit Salvatore Cascino to be involved directly or indirectly in the operation of the transfer station, except to the extent that such involvement relates exclusively to Cascino undertaking his role as landlord.
- (14) In issuing this permit, the Department of Sanitation has relied upon the statements, representations and certifications made on behalf of the transfer station operator by its principals, agents, employees or professional consultants in the permit application and in the documents, materials and other information submitted in support of such application (collectively, the "Application"). Any material misrepresentations or material omissions contained in the Application may be deemed grounds for suspension or termination of the permit.

SPECIAL NOTE

This permit is conditioned upon cooperation with any investigation into the holder's continued fitness to hold a permit conducted in accordance with the provisions contained in Sections 16-131 and Section 16-508 of the NYC Administrative code.


Thomas Milora
Director



145 Sherwood Avenue, Farmingdale, NY 11735 (631) 815-1900

Serving the Mid-Atlantic and Northeast Regions for over 40 years
www.intertek.com

Client: DICES, LLC
Milana Buslovsky
213-01 99th Avenue
Queens Village, NY 11429

Project ID: 00713786
Weather:
Temperature:

Report Date: 05/07/2024
Report #: 1-7611-000006
Inspector: Materials Laboratory
Time Start:
Time Finish:

Project: NYRL23-02 - 475 Exterior Street, Bronx,
NY 10451

Location: SCREENED FILL

REPORT: Sieve Analysis

MTG NO: 319411

Page 1 of 1

Material: SCREENED FILL

<u>Sieve</u>	<u>% Passing</u>	<u>Low</u>	<u>High</u>
4 in			
3 in			
2 1/2 in			
1.00 in	100		
3/4 in	99		
1/2 in	93		
3/8 in	89		
1/4 in	82		
No. 4	78		
No. 10	68		
No. 40	45		
No. 100	24		
No. 200	12.1		

* Denotes Out of Specification

Remarks:

Test Method (As Applicable):

Orig: DICES, LLC Attn: Milana Buslovsky
(1-ec copy)

Respectfully Submitted,
Intertek-MT Group

Marisa A. Harte P.E., Director



06/11/2024

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5 24F03 6/5/2024 1: So
Compound	CAS Number							Result
Volatile Organics, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor								1
1,1,1-Trichloroethane	71-55-6	100	500	1000	0.68	100	0.68	0.001
1,1-Dichloroethane	75-34-3	26	240	480	0.27	19	0.27	0.001
1,1-Dichloroethylene	75-35-4	100	500	1000	0.33	100	0.33	0.001
1,2,4-Trimethylbenzene	95-63-6	52	190	380	3.6	47	3.6	0.001
1,2-Dichlorobenzene	95-50-1	100	500	1000	1.1	100	1.1	0.001
1,2-Dichloroethane	107-06-2	3.1	30	60	0.02	2.3	0.02	0.001
1,3,5-Trimethylbenzene	108-67-8	52	190	380	8.4	47	8.4	0.001
1,3-Dichlorobenzene	541-73-1	49	280	560	2.4	17	2.4	0.001
1,4-Dichlorobenzene	106-46-7	13	130	250	1.8	9.8	1.8	0.001
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1	0.030
2-Butanone	78-93-3	100	500	1000	0.12	100	0.12	0.001
Acetone	67-64-1	100	500	1000	0.05	100	0.05	0.005
Benzene	71-43-2	4.8	44	89	0.06	2.9	0.06	0.001
Carbon tetrachloride	56-23-5	2.4	22	44	0.76	1.4	0.76	0.001
Chlorobenzene	108-90-7	100	500	1000	1.1	100	1.1	0.001
Chloroform	67-66-3	49	350	700	0.37	10	0.37	0.001
cis-1,2-Dichloroethylene	156-59-2	100	500	1000	0.25	59	0.25	0.001
Ethyl Benzene	100-41-4	41	390	780	1	30	1	0.001
Methyl tert-butyl ether (MTBE)	1634-04-4	100	500	1000	0.93	62	0.93	0.001
Methylene chloride	75-09-2	100	500	1000	0.05	51	0.05	0.003
Naphthalene	91-20-3	100	500	1000	12	100	12	0.001
n-Butylbenzene	104-51-8	100	500	1000	12	100	12	0.001
n-Propylbenzene	103-65-1	100	500	1000	3.9	100	3.9	0.001
o-Xylene	95-47-6	~	~	~	~	~	~	0.001
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.003
sec-Butylbenzene	135-98-8	100	500	1000	11	100	11	0.001
tert-Butylbenzene	98-06-6	100	500	1000	5.9	100	5.9	0.001
Tetrachloroethylene	127-18-4	19	150	300	1.3	5.5	1.3	0.001
Toluene	108-88-3	100	500	1000	0.7	100	0.7	0.001
trans-1,2-Dichloroethylene	156-60-5	100	500	1000	0.19	100	0.19	0.001
Trichloroethylene	79-01-6	21	200	400	0.47	10	0.47	0.001
Vinyl Chloride	75-01-4	0.9	13	27	0.02	0.21	0.02	0.001
Xylenes, Total	1330-20-7	100	500	1000	1.6	100	0.26	0.004
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1	NT
Semi-Volatiles, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
2-Methylphenol	95-48-7	100	500	1000	0.33	100	0.33	NT
3- & 4-Methylphenols	65794-96-9	100	500	1000	0.33	34	0.33	NT
Acenaphthene	83-32-9	100	500	1000	98	100	20	NT
Acenaphthylene	208-96-8	100	500	1000	107	100	100	NT
Anthracene	120-12-7	100	500	1000	1000	100	100	NT
Benzo(a)anthracene	56-55-3	1	5.6	11	1	1	1	NT
Benzo(a)pyrene	50-32-8	1	1	1.1	22	1	1	NT
Benzo(b)fluoranthene	205-99-2	1	5.6	11	1.7	1	1	NT
Benzo(g,h,i)perylene	191-24-2	100	500	1000	1000	100	100	NT
Benzo(k)fluoranthene	207-08-9	3.9	56	110	1.7	1	0.8	NT
Chrysene	218-01-9	3.9	56	110	1	1	1	NT
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	1.1	1000	0.33	0.33	NT
Dibenzofuran	132-64-9	59	350	1000	210	14	7	NT
Fluoranthene	206-44-0	100	500	1000	1000	100	100	NT
Fluorene	86-73-7	100	500	1000	386	100	30	NT
Fluoranthene	162-71-1	100	500	1000	22	22	22	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5 24F03 6/5/2024 1: Sc
Compound	CAS Number							Resu
alpha-BHC	319-84-6	0.48	3.4	6.8	0.02	0.097	0.02	NT
alpha-Chlordane	5103-71-9	4.2	24	47	2.9	0.91	0.094	NT
beta-BHC	319-85-7	0.36	3	14	0.09	0.072	0.036	NT
delta-BHC	319-86-8	100	500	1000	0.25	100	0.04	NT
Dieldrin	60-57-1	0.2	1.4	2.8	0.1	0.039	0.005	NT
Endosulfan I	959-98-8	24	200	920	102	4.8	2.4	NT
Endosulfan II	33213-65-9	24	200	920	102	4.8	2.4	NT
Endosulfan sulfate	1031-07-8	24	200	920	1000	4.8	2.4	NT
Endrin	72-20-8	11	89	410	0.06	2.2	0.014	NT
gamma-BHC (Lindane)	58-89-9	1.3	9.2	23	0.1	0.28	0.1	NT
Heptachlor	76-44-8	2.1	15	29	0.38	0.42	0.042	NT
Metals, NYSDEC Part 375		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Arsenic	7440-38-2	16	16	16	16	16	13	NT
Barium	7440-39-3	400	400	10000	820	350	350	NT
Beryllium	7440-41-7	72	590	2700	47	14	7.2	NT
Cadmium	7440-43-9	4.3	9.3	60	7.5	2.5	2.5	NT
Chromium	7440-47-3	~	~	~	~	~	~	NT
Copper	7440-50-8	270	270	10000	1720	270	50	NT
Lead	7439-92-1	400	1000	3900	450	400	63	NT
Manganese	7439-96-5	2000	10000	10000	2000	2000	1600	NT
Nickel	7440-02-0	310	310	10000	130	140	30	NT
Selenium	7782-49-2	180	1500	6800	4	36	3.9	NT
Silver	7440-22-4	180	1500	6800	8.3	36	2	NT
Zinc	7440-66-6	10000	10000	10000	2480	2200	109	NT
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Mercury	7439-97-6	0.81	2.8	5.7	0.73	0.81	0.18	NT
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Chromium, Hexavalent	18540-29-9	110	400	800	19	22	1	NT
Chromium, Trivalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Chromium, Trivalent	16065-83-1	180	1500	6800	~	36	30	NT
Total Solids								%
Dilution Factor								1
% Solids	solids	~	~	~	~	~	~	89.9
Herbicides, NYSDEC Part 375 Target List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
2,4,5-TP (Silvex)	93-72-1	100	500	1000	3.8	58	3.8	NT
PFAS, EPA 1633 Target List								
Dilution Factor								
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FT	39108-34-4	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FT	757124-72-4	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FT	27619-97-2	~	~	~	~	~	~	NT
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	NT
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	NT
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	NT
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	NT
ADONA	919005-14-4	~	~	~	~	~	~	NT
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	NT
N-EtFOSA	4151-50-2	~	~	~	~	~	~	NT
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	NT
N-EtFOSE	1691-99-2	~	~	~	~	~	~	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5/24 F03 6/5/2024 1:30 PM Scanned
Compound	CAS Number							Result
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	NT
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	NT
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	NT
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	NT
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	NT
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	NT
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	NT
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	NT
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	~	~	~	~	~	~	NT
Perfluorooctanoic acid (PFOA)	335-67-1	~	~	~	~	~	~	NT
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	NT
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	NT
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	NT
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	NT
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Aroclor 1016	12674-11-2	~	~	~	~	~	~	NT
Aroclor 1221	11104-28-2	~	~	~	~	~	~	NT
Aroclor 1232	11141-16-5	~	~	~	~	~	~	NT
Aroclor 1242	53469-21-9	~	~	~	~	~	~	NT
Aroclor 1248	12672-29-6	~	~	~	~	~	~	NT
Aroclor 1254	11097-69-1	~	~	~	~	~	~	NT
Aroclor 1260	11096-82-5	~	~	~	~	~	~	NT
Total PCBs	1336-36-3	1	1	25	3.2	1	0.1	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5/ 24F032 6/5/2024 12 Soil
Compound	CAS Number							Result
Volatile Organics, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor								1
1,1,1-Trichloroethane	71-55-6	100	500	1000	0.68	100	0.68	0.00200
1,1-Dichloroethane	75-34-3	26	240	480	0.27	19	0.27	0.00200
1,1-Dichloroethylene	75-35-4	100	500	1000	0.33	100	0.33	0.00200
1,2,4-Trimethylbenzene	95-63-6	52	190	380	3.6	47	3.6	0.00200
1,2-Dichlorobenzene	95-50-1	100	500	1000	1.1	100	1.1	0.00200
1,2-Dichloroethane	107-06-2	3.1	30	60	0.02	2.3	0.02	0.00200
1,3,5-Trimethylbenzene	108-67-8	52	190	380	8.4	47	8.4	0.00200
1,3-Dichlorobenzene	541-73-1	49	280	560	2.4	17	2.4	0.00200
1,4-Dichlorobenzene	106-46-7	13	130	250	1.8	9.8	1.8	0.00200
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1	0.0400
2-Butanone	78-93-3	100	500	1000	0.12	100	0.12	0.00200
Acetone	67-64-1	100	500	1000	0.05	100	0.05	0.00400
Benzene	71-43-2	4.8	44	89	0.06	2.9	0.06	0.00200
Carbon tetrachloride	56-23-5	2.4	22	44	0.76	1.4	0.76	0.00200
Chlorobenzene	108-90-7	100	500	1000	1.1	100	1.1	0.00200
Chloroform	67-66-3	49	350	700	0.37	10	0.37	0.00200
cis-1,2-Dichloroethylene	156-59-2	100	500	1000	0.25	59	0.25	0.00200
Ethyl Benzene	100-41-4	41	390	780	1	30	1	0.00200
Methyl tert-butyl ether (MTBE)	1634-04-4	100	500	1000	0.93	62	0.93	0.00200
Methylene chloride	75-09-2	100	500	1000	0.05	51	0.05	0.00400
Naphthalene	91-20-3	100	500	1000	12	100	12	0.00200
n-Butylbenzene	104-51-8	100	500	1000	12	100	12	0.00200
n-Propylbenzene	103-65-1	100	500	1000	3.9	100	3.9	0.00200
o-Xylene	95-47-6	~	~	~	~	~	~	0.00200
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.00400
sec-Butylbenzene	135-98-8	100	500	1000	11	100	11	0.00200
tert-Butylbenzene	98-06-6	100	500	1000	5.9	100	5.9	0.00200
Tetrachloroethylene	127-18-4	19	150	300	1.3	5.5	1.3	0.00200
Toluene	108-88-3	100	500	1000	0.7	100	0.7	0.00200
trans-1,2-Dichloroethylene	156-60-5	100	500	1000	0.19	100	0.19	0.00200
Trichloroethylene	79-01-6	21	200	400	0.47	10	0.47	0.00200
Vinyl Chloride	75-01-4	0.9	13	27	0.02	0.21	0.02	0.00200
Xylenes, Total	1330-20-7	100	500	1000	1.6	100	0.26	0.00600
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1	NT
Semi-Volatiles, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
2-Methylphenol	95-48-7	100	500	1000	0.33	100	0.33	NT
3- & 4-Methylphenols	65794-96-9	100	500	1000	0.33	34	0.33	NT
Acenaphthene	83-32-9	100	500	1000	98	100	20	NT
Acenaphthylene	208-96-8	100	500	1000	107	100	100	NT
Anthracene	120-12-7	100	500	1000	1000	100	100	NT
Benzo(a)anthracene	56-55-3	1	5.6	11	1	1	1	NT
Benzo(a)pyrene	50-32-8	1	1	1.1	22	1	1	NT
Benzo(b)fluoranthene	205-99-2	1	5.6	11	1.7	1	1	NT
Benzo(g,h,i)perylene	191-24-2	100	500	1000	1000	100	100	NT
Benzo(k)fluoranthene	207-08-9	3.9	56	110	1.7	1	0.8	NT
Chrysene	218-01-9	3.9	56	110	1	1	1	NT
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	1.1	1000	0.33	0.33	NT
Dibenzofuran	132-64-9	59	350	1000	210	14	7	NT
Fluoranthene	206-44-0	100	500	1000	1000	100	100	NT
Fluorene	86-73-7	100	500	1000	386	100	30	NT
Fluoranthene	162-71-1	100	500	1000	22	22	22	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5/ 24F032 6/5/2024 12 Soil
Compound	CAS Number							Result
alpha-BHC	319-84-6	0.48	3.4	6.8	0.02	0.097	0.02	NT
alpha-Chlordane	5103-71-9	4.2	24	47	2.9	0.91	0.094	NT
beta-BHC	319-85-7	0.36	3	14	0.09	0.072	0.036	NT
delta-BHC	319-86-8	100	500	1000	0.25	100	0.04	NT
Dieldrin	60-57-1	0.2	1.4	2.8	0.1	0.039	0.005	NT
Endosulfan I	959-98-8	24	200	920	102	4.8	2.4	NT
Endosulfan II	33213-65-9	24	200	920	102	4.8	2.4	NT
Endosulfan sulfate	1031-07-8	24	200	920	1000	4.8	2.4	NT
Endrin	72-20-8	11	89	410	0.06	2.2	0.014	NT
gamma-BHC (Lindane)	58-89-9	1.3	9.2	23	0.1	0.28	0.1	NT
Heptachlor	76-44-8	2.1	15	29	0.38	0.42	0.042	NT
Metals, NYSDEC Part 375		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Arsenic	7440-38-2	16	16	16	16	16	13	NT
Barium	7440-39-3	400	400	10000	820	350	350	NT
Beryllium	7440-41-7	72	590	2700	47	14	7.2	NT
Cadmium	7440-43-9	4.3	9.3	60	7.5	2.5	2.5	NT
Chromium	7440-47-3	~	~	~	~	~	~	NT
Copper	7440-50-8	270	270	10000	1720	270	50	NT
Lead	7439-92-1	400	1000	3900	450	400	63	NT
Manganese	7439-96-5	2000	10000	10000	2000	2000	1600	NT
Nickel	7440-02-0	310	310	10000	130	140	30	NT
Selenium	7782-49-2	180	1500	6800	4	36	3.9	NT
Silver	7440-22-4	180	1500	6800	8.3	36	2	NT
Zinc	7440-66-6	10000	10000	10000	2480	2200	109	NT
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Mercury	7439-97-6	0.81	2.8	5.7	0.73	0.81	0.18	NT
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Chromium, Hexavalent	18540-29-9	110	400	800	19	22	1	NT
Chromium, Trivalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Chromium, Trivalent	16065-83-1	180	1500	6800	~	36	30	NT
Total Solids								%
Dilution Factor								1
% Solids	solids	~	~	~	~	~	~	88.600
Herbicides, NYSDEC Part 375 Target List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
2,4,5-TP (Silvex)	93-72-1	100	500	1000	3.8	58	3.8	NT
PFAS, EPA 1633 Target List								
Dilution Factor								
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FT	39108-34-4	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FT	757124-72-4	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FT	27619-97-2	~	~	~	~	~	~	NT
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	NT
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	NT
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	NT
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	NT
ADONA	919005-14-4	~	~	~	~	~	~	NT
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	NT
N-EtFOSA	4151-50-2	~	~	~	~	~	~	NT
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	NT
N-EtFOSE	1691-99-2	~	~	~	~	~	~	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5/ 24F032 6/5/2024 12 Soil
Compound	CAS Number							Result
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	NT
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	NT
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	NT
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	NT
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	NT
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	NT
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	NT
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	NT
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	~	~	~	~	~	~	NT
Perfluorooctanoic acid (PFOA)	335-67-1	~	~	~	~	~	~	NT
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	NT
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	NT
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	NT
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	NT
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Aroclor 1016	12674-11-2	~	~	~	~	~	~	NT
Aroclor 1221	11104-28-2	~	~	~	~	~	~	NT
Aroclor 1232	11141-16-5	~	~	~	~	~	~	NT
Aroclor 1242	53469-21-9	~	~	~	~	~	~	NT
Aroclor 1248	12672-29-6	~	~	~	~	~	~	NT
Aroclor 1254	11097-69-1	~	~	~	~	~	~	NT
Aroclor 1260	11096-82-5	~	~	~	~	~	~	NT
Total PCBs	1336-36-3	1	1	25	3.2	1	0.1	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	5-010 PM	06/5/2016
Compound	CAS Number							Q	
Volatile Organics, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
1,1,1-Trichloroethane	71-55-6	100	500	1000	0.68	100	0.68	U	
1,1-Dichloroethane	75-34-3	26	240	480	0.27	19	0.27	U	
1,1-Dichloroethylene	75-35-4	100	500	1000	0.33	100	0.33	U	
1,2,4-Trimethylbenzene	95-63-6	52	190	380	3.6	47	3.6	U	
1,2-Dichlorobenzene	95-50-1	100	500	1000	1.1	100	1.1	U	
1,2-Dichloroethane	107-06-2	3.1	30	60	0.02	2.3	0.02	U	
1,3,5-Trimethylbenzene	108-67-8	52	190	380	8.4	47	8.4	U	
1,3-Dichlorobenzene	541-73-1	49	280	560	2.4	17	2.4	U	
1,4-Dichlorobenzene	106-46-7	13	130	250	1.8	9.8	1.8	U	
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1	U	
2-Butanone	78-93-3	100	500	1000	0.12	100	0.12	U	
Acetone	67-64-1	100	500	1000	0.05	100	0.05	J	
Benzene	71-43-2	4.8	44	89	0.06	2.9	0.06	U	
Carbon tetrachloride	56-23-5	2.4	22	44	0.76	1.4	0.76	U	
Chlorobenzene	108-90-7	100	500	1000	1.1	100	1.1	U	
Chloroform	67-66-3	49	350	700	0.37	10	0.37	U	
cis-1,2-Dichloroethylene	156-59-2	100	500	1000	0.25	59	0.25	U	
Ethyl Benzene	100-41-4	41	390	780	1	30	1	U	
Methyl tert-butyl ether (MTBE)	1634-04-4	100	500	1000	0.93	62	0.93	U	
Methylene chloride	75-09-2	100	500	1000	0.05	51	0.05	U	
Naphthalene	91-20-3	100	500	1000	12	100	12	U	
n-Butylbenzene	104-51-8	100	500	1000	12	100	12	U	
n-Propylbenzene	103-65-1	100	500	1000	3.9	100	3.9	U	
o-Xylene	95-47-6	~	~	~	~	~	~	U	
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	U	
sec-Butylbenzene	135-98-8	100	500	1000	11	100	11	U	
tert-Butylbenzene	98-06-6	100	500	1000	5.9	100	5.9	U	
Tetrachloroethylene	127-18-4	19	150	300	1.3	5.5	1.3	U	
Toluene	108-88-3	100	500	1000	0.7	100	0.7	U	
trans-1,2-Dichloroethylene	156-60-5	100	500	1000	0.19	100	0.19	U	
Trichloroethylene	79-01-6	21	200	400	0.47	10	0.47	U	
Vinyl Chloride	75-01-4	0.9	13	27	0.02	0.21	0.02	U	
Xylenes, Total	1330-20-7	100	500	1000	1.6	100	0.26	U	
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1		
Semi-Volatiles, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
2-Methylphenol	95-48-7	100	500	1000	0.33	100	0.33		
3- & 4-Methylphenols	65794-96-9	100	500	1000	0.33	34	0.33		
Acenaphthene	83-32-9	100	500	1000	98	100	20		
Acenaphthylene	208-96-8	100	500	1000	107	100	100		
Anthracene	120-12-7	100	500	1000	1000	100	100		
Benzo(a)anthracene	56-55-3	1	5.6	11	1	1	1		
Benzo(a)pyrene	50-32-8	1	1	1.1	22	1	1		
Benzo(b)fluoranthene	205-99-2	1	5.6	11	1.7	1	1		
Benzo(g,h,i)perylene	191-24-2	100	500	1000	1000	100	100		
Benzo(k)fluoranthene	207-08-9	3.9	56	110	1.7	1	0.8		
Chrysene	218-01-9	3.9	56	110	1	1	1		
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	1.1	1000	0.33	0.33		
Dibenzofuran	132-64-9	59	350	1000	210	14	7		
Fluoranthene	206-44-0	100	500	1000	1000	100	100		
Fluorene	86-73-7	100	500	1000	386	100	30		
Fluoranthene	152-73-1	100	500	1000	22	22	22		

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	5-010 PM	06/5/2019
Compound	CAS Number							Q	
alpha-BHC	319-84-6	0.48	3.4	6.8	0.02	0.097	0.02		0
alpha-Chlordane	5103-71-9	4.2	24	47	2.9	0.91	0.094		0
beta-BHC	319-85-7	0.36	3	14	0.09	0.072	0.036		0
delta-BHC	319-86-8	100	500	1000	0.25	100	0.04		0
Dieldrin	60-57-1	0.2	1.4	2.8	0.1	0.039	0.005		0
Endosulfan I	959-98-8	24	200	920	102	4.8	2.4		0
Endosulfan II	33213-65-9	24	200	920	102	4.8	2.4		0
Endosulfan sulfate	1031-07-8	24	200	920	1000	4.8	2.4		0
Endrin	72-20-8	11	89	410	0.06	2.2	0.014		0
gamma-BHC (Lindane)	58-89-9	1.3	9.2	23	0.1	0.28	0.1		0
Heptachlor	76-44-8	2.1	15	29	0.38	0.42	0.042		0
Metals, NYSDEC Part 375		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		r
Dilution Factor									
Arsenic	7440-38-2	16	16	16	16	16	13		.
Barium	7440-39-3	400	400	10000	820	350	350		
Beryllium	7440-41-7	72	590	2700	47	14	7.2		0
Cadmium	7440-43-9	4.3	9.3	60	7.5	2.5	2.5		0
Chromium	7440-47-3	~	~	~	~	~	~		3
Copper	7440-50-8	270	270	10000	1720	270	50		4
Lead	7439-92-1	400	1000	3900	450	400	63		4
Manganese	7439-96-5	2000	10000	10000	2000	2000	1600		
Nickel	7440-02-0	310	310	10000	130	140	30		2
Selenium	7782-49-2	180	1500	6800	4	36	3.9		
Silver	7440-22-4	180	1500	6800	8.3	36	2		
Zinc	7440-66-6	10000	10000	10000	2480	2200	109		8
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		r
Dilution Factor									
Mercury	7439-97-6	0.81	2.8	5.7	0.73	0.81	0.18		
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		r
Dilution Factor									
Chromium, Hexavalent	18540-29-9	110	400	800	19	22	1		
Chromium, Trivalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		r
Dilution Factor									
Chromium, Trivalent	16065-83-1	180	1500	6800	~	36	30		3
Total Solids									
Dilution Factor									
% Solids	solids	~	~	~	~	~	~		9
Herbicides, NYSDEC Part 375 Target List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		r
Dilution Factor									
2,4,5-TP (Silvex)	93-72-1	100	500	1000	3.8	58	3.8		0
PFAS, EPA 1633 Target List									
Dilution Factor									
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FT	39108-34-4	~	~	~	~	~	~		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FT	757124-72-4	~	~	~	~	~	~		
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FT	27619-97-2	~	~	~	~	~	~		
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~		
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~		
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~		
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~		
ADONA	919005-14-4	~	~	~	~	~	~		
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~		
N-EtFOSA	4151-50-2	~	~	~	~	~	~		
N-EtFOSAA	2991-50-6	~	~	~	~	~	~		
N-EtFOSE	1691-99-2	~	~	~	~	~	~		

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	5-010 PM	06/5/
Compound	CAS Number							Q	
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~		
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~		
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~		
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~		
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~		
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~		
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~		
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	~	~	~	~	~	~		
Perfluorooctanoic acid (PFOA)	335-67-1	~	~	~	~	~	~		
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~		
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~		
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~		
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~		
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
Aroclor 1016	12674-11-2	~	~	~	~	~	~		
Aroclor 1221	11104-28-2	~	~	~	~	~	~		
Aroclor 1232	11141-16-5	~	~	~	~	~	~		
Aroclor 1242	53469-21-9	~	~	~	~	~	~		
Aroclor 1248	12672-29-6	~	~	~	~	~	~		
Aroclor 1254	11097-69-1	~	~	~	~	~	~		
Aroclor 1260	11096-82-5	~	~	~	~	~	~		
Total PCBs	1336-36-3	1	1	25	3.2	1	0.1		

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5/24 24F03 6/5/2024 S
Compound	CAS Number							Resul
Volatile Organics, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
1,1,1-Trichloroethane	71-55-6	100	500	1000	0.68	100	0.68	NT
1,1-Dichloroethane	75-34-3	26	240	480	0.27	19	0.27	NT
1,1-Dichloroethylene	75-35-4	100	500	1000	0.33	100	0.33	NT
1,2,4-Trimethylbenzene	95-63-6	52	190	380	3.6	47	3.6	NT
1,2-Dichlorobenzene	95-50-1	100	500	1000	1.1	100	1.1	NT
1,2-Dichloroethane	107-06-2	3.1	30	60	0.02	2.3	0.02	NT
1,3,5-Trimethylbenzene	108-67-8	52	190	380	8.4	47	8.4	NT
1,3-Dichlorobenzene	541-73-1	49	280	560	2.4	17	2.4	NT
1,4-Dichlorobenzene	106-46-7	13	130	250	1.8	9.8	1.8	NT
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1	NT
2-Butanone	78-93-3	100	500	1000	0.12	100	0.12	NT
Acetone	67-64-1	100	500	1000	0.05	100	0.05	NT
Benzene	71-43-2	4.8	44	89	0.06	2.9	0.06	NT
Carbon tetrachloride	56-23-5	2.4	22	44	0.76	1.4	0.76	NT
Chlorobenzene	108-90-7	100	500	1000	1.1	100	1.1	NT
Chloroform	67-66-3	49	350	700	0.37	10	0.37	NT
cis-1,2-Dichloroethylene	156-59-2	100	500	1000	0.25	59	0.25	NT
Ethyl Benzene	100-41-4	41	390	780	1	30	1	NT
Methyl tert-butyl ether (MTBE)	1634-04-4	100	500	1000	0.93	62	0.93	NT
Methylene chloride	75-09-2	100	500	1000	0.05	51	0.05	NT
Naphthalene	91-20-3	100	500	1000	12	100	12	NT
n-Butylbenzene	104-51-8	100	500	1000	12	100	12	NT
n-Propylbenzene	103-65-1	100	500	1000	3.9	100	3.9	NT
o-Xylene	95-47-6	~	~	~	~	~	~	NT
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	NT
sec-Butylbenzene	135-98-8	100	500	1000	11	100	11	NT
tert-Butylbenzene	98-06-6	100	500	1000	5.9	100	5.9	NT
Tetrachloroethylene	127-18-4	19	150	300	1.3	5.5	1.3	NT
Toluene	108-88-3	100	500	1000	0.7	100	0.7	NT
trans-1,2-Dichloroethylene	156-60-5	100	500	1000	0.19	100	0.19	NT
Trichloroethylene	79-01-6	21	200	400	0.47	10	0.47	NT
Vinyl Chloride	75-01-4	0.9	13	27	0.02	0.21	0.02	NT
Xylenes, Total	1330-20-7	100	500	1000	1.6	100	0.26	NT
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor								1
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1	0.019
Semi-Volatiles, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
2-Methylphenol	95-48-7	100	500	1000	0.33	100	0.33	NT
3- & 4-Methylphenols	65794-96-9	100	500	1000	0.33	34	0.33	NT
Acenaphthene	83-32-9	100	500	1000	98	100	20	NT
Acenaphthylene	208-96-8	100	500	1000	107	100	100	NT
Anthracene	120-12-7	100	500	1000	1000	100	100	NT
Benzo(a)anthracene	56-55-3	1	5.6	11	1	1	1	NT
Benzo(a)pyrene	50-32-8	1	1	1.1	22	1	1	NT
Benzo(b)fluoranthene	205-99-2	1	5.6	11	1.7	1	1	NT
Benzo(g,h,i)perylene	191-24-2	100	500	1000	1000	100	100	NT
Benzo(k)fluoranthene	207-08-9	3.9	56	110	1.7	1	0.8	NT
Chrysene	218-01-9	3.9	56	110	1	1	1	NT
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	1.1	1000	0.33	0.33	NT
Dibenzofuran	132-64-9	59	350	1000	210	14	7	NT
Fluoranthene	206-44-0	100	500	1000	1000	100	100	NT
Fluorene	86-73-7	100	500	1000	386	100	30	NT
Fluoranthene	162-71-1	100	500	1000	22	22	22	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5/24 24F03 6/5/2024 S
Compound	CAS Number							Result
alpha-BHC	319-84-6	0.48	3.4	6.8	0.02	0.097	0.02	NT
alpha-Chlordane	5103-71-9	4.2	24	47	2.9	0.91	0.094	NT
beta-BHC	319-85-7	0.36	3	14	0.09	0.072	0.036	NT
delta-BHC	319-86-8	100	500	1000	0.25	100	0.04	NT
Dieldrin	60-57-1	0.2	1.4	2.8	0.1	0.039	0.005	NT
Endosulfan I	959-98-8	24	200	920	102	4.8	2.4	NT
Endosulfan II	33213-65-9	24	200	920	102	4.8	2.4	NT
Endosulfan sulfate	1031-07-8	24	200	920	1000	4.8	2.4	NT
Endrin	72-20-8	11	89	410	0.06	2.2	0.014	NT
gamma-BHC (Lindane)	58-89-9	1.3	9.2	23	0.1	0.28	0.1	NT
Heptachlor	76-44-8	2.1	15	29	0.38	0.42	0.042	NT
Metals, NYSDEC Part 375		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Arsenic	7440-38-2	16	16	16	16	16	13	NT
Barium	7440-39-3	400	400	10000	820	350	350	NT
Beryllium	7440-41-7	72	590	2700	47	14	7.2	NT
Cadmium	7440-43-9	4.3	9.3	60	7.5	2.5	2.5	NT
Chromium	7440-47-3	~	~	~	~	~	~	NT
Copper	7440-50-8	270	270	10000	1720	270	50	NT
Lead	7439-92-1	400	1000	3900	450	400	63	NT
Manganese	7439-96-5	2000	10000	10000	2000	2000	1600	NT
Nickel	7440-02-0	310	310	10000	130	140	30	NT
Selenium	7782-49-2	180	1500	6800	4	36	3.9	NT
Silver	7440-22-4	180	1500	6800	8.3	36	2	NT
Zinc	7440-66-6	10000	10000	10000	2480	2200	109	NT
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Mercury	7439-97-6	0.81	2.8	5.7	0.73	0.81	0.18	NT
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Chromium, Hexavalent	18540-29-9	110	400	800	19	22	1	NT
Chromium, Trivalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Chromium, Trivalent	16065-83-1	180	1500	6800	~	36	30	NT
Total Solids								
Dilution Factor								
% Solids	solids	~	~	~	~	~	~	NT
Herbicides, NYSDEC Part 375 Target List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
2,4,5-TP (Silvex)	93-72-1	100	500	1000	3.8	58	3.8	NT
PFAS, EPA 1633 Target List								
Dilution Factor								
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FT)	39108-34-4	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FT)	757124-72-4	~	~	~	~	~	~	NT
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FT)	27619-97-2	~	~	~	~	~	~	NT
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	NT
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	NT
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	NT
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	NT
ADONA	919005-14-4	~	~	~	~	~	~	NT
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	NT
N-EtFOSA	4151-50-2	~	~	~	~	~	~	NT
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	NT
N-EtFOSE	1691-99-2	~	~	~	~	~	~	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Sample 6/5/24 24F03 6/5/2024 S
Compound	CAS Number							Result
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	NT
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	NT
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	NT
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	NT
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	NT
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	NT
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	NT
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	NT
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	~	~	~	~	~	~	NT
Perfluorooctanoic acid (PFOA)	335-67-1	~	~	~	~	~	~	NT
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	NT
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	NT
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	NT
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	NT
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor								
Aroclor 1016	12674-11-2	~	~	~	~	~	~	NT
Aroclor 1221	11104-28-2	~	~	~	~	~	~	NT
Aroclor 1232	11141-16-5	~	~	~	~	~	~	NT
Aroclor 1242	53469-21-9	~	~	~	~	~	~	NT
Aroclor 1248	12672-29-6	~	~	~	~	~	~	NT
Aroclor 1254	11097-69-1	~	~	~	~	~	~	NT
Aroclor 1260	11096-82-5	~	~	~	~	~	~	NT
Total PCBs	1336-36-3	1	1	25	3.2	1	0.1	NT

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	CPFAS 10 PM	Sanitary 6/
Compound	CAS Number							Q	
Volatile Organics, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
1,1,1-Trichloroethane	71-55-6	100	500	1000	0.68	100	0.68		
1,1-Dichloroethane	75-34-3	26	240	480	0.27	19	0.27		
1,1-Dichloroethylene	75-35-4	100	500	1000	0.33	100	0.33		
1,2,4-Trimethylbenzene	95-63-6	52	190	380	3.6	47	3.6		
1,2-Dichlorobenzene	95-50-1	100	500	1000	1.1	100	1.1		
1,2-Dichloroethane	107-06-2	3.1	30	60	0.02	2.3	0.02		
1,3,5-Trimethylbenzene	108-67-8	52	190	380	8.4	47	8.4		
1,3-Dichlorobenzene	541-73-1	49	280	560	2.4	17	2.4		
1,4-Dichlorobenzene	106-46-7	13	130	250	1.8	9.8	1.8		
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1		
2-Butanone	78-93-3	100	500	1000	0.12	100	0.12		
Acetone	67-64-1	100	500	1000	0.05	100	0.05		
Benzene	71-43-2	4.8	44	89	0.06	2.9	0.06		
Carbon tetrachloride	56-23-5	2.4	22	44	0.76	1.4	0.76		
Chlorobenzene	108-90-7	100	500	1000	1.1	100	1.1		
Chloroform	67-66-3	49	350	700	0.37	10	0.37		
cis-1,2-Dichloroethylene	156-59-2	100	500	1000	0.25	59	0.25		
Ethyl Benzene	100-41-4	41	390	780	1	30	1		
Methyl tert-butyl ether (MTBE)	1634-04-4	100	500	1000	0.93	62	0.93		
Methylene chloride	75-09-2	100	500	1000	0.05	51	0.05		
Naphthalene	91-20-3	100	500	1000	12	100	12		
n-Butylbenzene	104-51-8	100	500	1000	12	100	12		
n-Propylbenzene	103-65-1	100	500	1000	3.9	100	3.9		
o-Xylene	95-47-6	~	~	~	~	~	~		
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~		
sec-Butylbenzene	135-98-8	100	500	1000	11	100	11		
tert-Butylbenzene	98-06-6	100	500	1000	5.9	100	5.9		
Tetrachloroethylene	127-18-4	19	150	300	1.3	5.5	1.3		
Toluene	108-88-3	100	500	1000	0.7	100	0.7		
trans-1,2-Dichloroethylene	156-60-5	100	500	1000	0.19	100	0.19		
Trichloroethylene	79-01-6	21	200	400	0.47	10	0.47		
Vinyl Chloride	75-01-4	0.9	13	27	0.02	0.21	0.02		
Xylenes, Total	1330-20-7	100	500	1000	1.6	100	0.26		
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
1,4-Dioxane	123-91-1	13	130	250	0.1	9.8	0.1		
Semi-Volatiles, NYSDEC Part 375 List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
2-Methylphenol	95-48-7	100	500	1000	0.33	100	0.33		
3- & 4-Methylphenols	65794-96-9	100	500	1000	0.33	34	0.33		
Acenaphthene	83-32-9	100	500	1000	98	100	20		
Acenaphthylene	208-96-8	100	500	1000	107	100	100		
Anthracene	120-12-7	100	500	1000	1000	100	100		
Benzo(a)anthracene	56-55-3	1	5.6	11	1	1	1		
Benzo(a)pyrene	50-32-8	1	1	1.1	22	1	1		
Benzo(b)fluoranthene	205-99-2	1	5.6	11	1.7	1	1		
Benzo(g,h,i)perylene	191-24-2	100	500	1000	1000	100	100		
Benzo(k)fluoranthene	207-08-9	3.9	56	110	1.7	1	0.8		
Chrysene	218-01-9	3.9	56	110	1	1	1		
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	1.1	1000	0.33	0.33		
Dibenzofuran	132-64-9	59	350	1000	210	14	7		
Fluoranthene	206-44-0	100	500	1000	1000	100	100		
Fluorene	86-73-7	100	500	1000	386	100	30		
Fluoranthene	152-71-1	100	500	1000	22	22	22		

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	CPFAS 10 PM	Sanitary 6/
Compound	CAS Number							Q	
alpha-BHC	319-84-6	0.48	3.4	6.8	0.02	0.097	0.02		
alpha-Chlordane	5103-71-9	4.2	24	47	2.9	0.91	0.094		
beta-BHC	319-85-7	0.36	3	14	0.09	0.072	0.036		
delta-BHC	319-86-8	100	500	1000	0.25	100	0.04		
Dieldrin	60-57-1	0.2	1.4	2.8	0.1	0.039	0.005		
Endosulfan I	959-98-8	24	200	920	102	4.8	2.4		
Endosulfan II	33213-65-9	24	200	920	102	4.8	2.4		
Endosulfan sulfate	1031-07-8	24	200	920	1000	4.8	2.4		
Endrin	72-20-8	11	89	410	0.06	2.2	0.014		
gamma-BHC (Lindane)	58-89-9	1.3	9.2	23	0.1	0.28	0.1		
Heptachlor	76-44-8	2.1	15	29	0.38	0.42	0.042		
Metals, NYSDEC Part 375		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
Arsenic	7440-38-2	16	16	16	16	16	13		
Barium	7440-39-3	400	400	10000	820	350	350		
Beryllium	7440-41-7	72	590	2700	47	14	7.2		
Cadmium	7440-43-9	4.3	9.3	60	7.5	2.5	2.5		
Chromium	7440-47-3	~	~	~	~	~	~		
Copper	7440-50-8	270	270	10000	1720	270	50		
Lead	7439-92-1	400	1000	3900	450	400	63		
Manganese	7439-96-5	2000	10000	10000	2000	2000	1600		
Nickel	7440-02-0	310	310	10000	130	140	30		
Selenium	7782-49-2	180	1500	6800	4	36	3.9		
Silver	7440-22-4	180	1500	6800	8.3	36	2		
Zinc	7440-66-6	10000	10000	10000	2480	2200	109		
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
Mercury	7439-97-6	0.81	2.8	5.7	0.73	0.81	0.18		
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
Chromium, Hexavalent	18540-29-9	110	400	800	19	22	1		
Chromium, Trivalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
Chromium, Trivalent	16065-83-1	180	1500	6800	~	36	30		
Total Solids									
Dilution Factor									
% Solids	solids	~	~	~	~	~	~		
Herbicides, NYSDEC Part 375 Target List		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
2,4,5-TP (Silvex)	93-72-1	100	500	1000	3.8	58	3.8		
PFAS, EPA 1633 Target List									
Dilution Factor									
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	U	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FT)	39108-34-4	~	~	~	~	~	~	U	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FT)	757124-72-4	~	~	~	~	~	~	U	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FT)	27619-97-2	~	~	~	~	~	~	U	
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	U	
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	U	
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	U	
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	U	
ADONA	919005-14-4	~	~	~	~	~	~	U	
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	U	
N-EtFOSA	4151-50-2	~	~	~	~	~	~	U	
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	U	
N-EtFOSE	1691-99-2	~	~	~	~	~	~	U	

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	CPFAS 10 PM	Sa 6/
Compound	CAS Number							Q	
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	U	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	U	
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	U	
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	U	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	U	
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	U	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	U	
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	U	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	~	~	~	~	~	~	U	
Perfluorooctanoic acid (PFOA)	335-67-1	~	~	~	~	~	~	U	
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	U	
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	U	
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	U	
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	U	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Dilution Factor									
Aroclor 1016	12674-11-2	~	~	~	~	~	~		
Aroclor 1221	11104-28-2	~	~	~	~	~	~		
Aroclor 1232	11141-16-5	~	~	~	~	~	~		
Aroclor 1242	53469-21-9	~	~	~	~	~	~		
Aroclor 1248	12672-29-6	~	~	~	~	~	~		
Aroclor 1254	11097-69-1	~	~	~	~	~	~		
Aroclor 1260	11096-82-5	~	~	~	~	~	~		
Total PCBs	1336-36-3	1	1	25	3.2	1	0.1		



Technical Report

prepared for:

DICES, LLC
213-01 99th Avenue
Queens Village NY, 11429
Attention: Milana Buslovsky

Report Date: 06/18/2024

Client Project ID: New York Recycling-475 Exterior Street, Bronx, NY 10421

York Project (SDG) No.: 24F0321

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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DICES, LLC
213-01 99th Avenue
Queens Village NY, 11429
Attention: Milana Buslovsky

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 06, 2024 and listed below. The project was identified as your project: **New York Recycling-475 Exterior Street, Bronx, NY 10421.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24F0321-01	Sample 6/5/24-SG-001	Soil	06/05/2024	06/06/2024
24F0321-02	Sample 6/5/24-SG-002	Soil	06/05/2024	06/06/2024
24F0321-03	Sample 6/5/24-SG-003	Soil	06/05/2024	06/06/2024
24F0321-04	Sample 6/5/24-SG-004	Soil	06/05/2024	06/06/2024
24F0321-05	Sample 6/5/24-SG-005	Soil	06/05/2024	06/06/2024
24F0321-06	Sample 6/5/24-SG-006	Soil	06/05/2024	06/06/2024
24F0321-07	Sample 6/5/24-SG-007	Soil	06/05/2024	06/06/2024
24F0321-08	Sample 6/5/24-SG-008	Soil	06/05/2024	06/06/2024
24F0321-09	Sample 6/5/24-SG-009	Soil	06/05/2024	06/06/2024
24F0321-10	Sample 6/5/24-SG-010	Soil	06/05/2024	06/06/2024
24F0321-11	06/05/24-SC-001	Soil	06/05/2024	06/06/2024
24F0321-12	Sample 6/5/24-1SCDIOX	Soil	06/05/2024	06/06/2024
24F0321-13	Sample 6/5/24-2SCDIOX	Soil	06/05/2024	06/06/2024
24F0321-14	Sample 6/5/24-3SCDIOX	Soil	06/05/2024	06/06/2024
24F0321-15	Sample 6/5/24-4SCDIOX	Soil	06/05/2024	06/06/2024
24F0321-16	Sample 6/5/24-5SCDIOX	Soil	06/05/2024	06/06/2024
24F0321-17	Sample 6/5/24-6SCDIOX	Soil	06/05/2024	06/06/2024
24F0321-18	Sample 6/5/24-1SCPFAS	Soil	06/05/2024	06/06/2024
24F0321-19	Sample 6/5/24-2SCPFAS	Soil	06/05/2024	06/06/2024
24F0321-20	Sample 6/5/24-3SCPFAS	Soil	06/05/2024	06/06/2024
24F0321-21	Sample 6/5/24-4SCPFAS	Soil	06/05/2024	06/06/2024
24F0321-22	Sample 6/5/24-5SCPFAS	Soil	06/05/2024	06/06/2024

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24F0321-23	Sample 6/5/24-6SCPFAS	Soil	06/05/2024	06/06/2024
24F0321-24	Sample 6/5/24-1Trip Blank-S24E113	Water	06/05/2024	06/06/2024
24F0321-25	Sample 6/5/24-2Trip Blank-S24E113	Water	06/05/2024	06/06/2024
24F0321-26	Sample 6/5/24-3Trip Blank-S24E113	Water	06/05/2024	06/06/2024
24F0321-27	Sample 6/5/24-4Trip Blank-S24E113	Water	06/05/2024	06/06/2024
24F0321-28	Sample 6/5/24-5Trip Blank-S24E113	Water	06/05/2024	06/06/2024
24F0321-29	Sample 6/5/24-6Trip Blank-S24E113	Water	06/05/2024	06/06/2024

General Notes for York Project (SDG) No.: 24F0321

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/18/2024





Sample Information

Client Sample ID: Sample 6/5/24-SG-001

York Sample ID: 24F0321-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 11:08 am	06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	30	60	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/07/2024 12:30	06/08/2024 04:58	ME
78-93-3	2-Butanone	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
67-64-1	Acetone	5.2	ICVE, J	ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
71-43-2	Benzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
67-66-3	Chloroform	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-001

York Sample ID: 24F0321-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 11:08 am	06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
75-09-2	Methylene chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
91-20-3	Naphthalene	ND		ug/kg dry	1.5	6.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/07/2024 12:30	06/08/2024 04:58	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
95-47-6	o-Xylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/07/2024 12:30	06/08/2024 04:58	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/07/2024 12:30	06/08/2024 04:58	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
108-88-3	Toluene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.5	3.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.5	9.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 04:58	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.2 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Sample 6/5/24-SG-001

York Sample ID: 24F0321-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 11:08 am	06/06/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.9		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLV

Sample Information

Client Sample ID: Sample 6/5/24-SG-002

York Sample ID: 24F0321-02

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 11:15 am	06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	29	59	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/07/2024 12:30	06/08/2024 05:24	ME
78-93-3	2-Butanone	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
67-64-1	Acetone	3.2	ICVE, J	ug/kg dry	2.9	5.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-002

York Sample ID: 24F0321-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:15 am

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
67-66-3	Chloroform	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
75-09-2	Methylene chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
91-20-3	Naphthalene	ND		ug/kg dry	1.5	5.9	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 05:24	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
95-47-6	o-Xylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/08/2024 05:24	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.9	5.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/08/2024 05:24	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
108-88-3	Toluene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:24	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-002

York Sample ID: 24F0321-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:15 am

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.5	2.9	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.4	8.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:24	ME
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	101 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %		76-130							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.8		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLV

Sample Information

Client Sample ID: Sample 6/5/24-SG-003

York Sample ID: 24F0321-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:41 am

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-003

York Sample ID: 24F0321-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:41 am

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	31	62	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 05:50	ME
78-93-3	2-Butanone	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
67-64-1	Acetone	3.1	ICVE, J	ug/kg dry	3.1	6.2	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
71-43-2	Benzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
75-09-2	Methylene chloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
91-20-3	Naphthalene	ND		ug/kg dry	1.6	6.2	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 05:50	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 05:50	ME
95-47-6	o-Xylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/08/2024 05:50	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-003

York Sample ID: 24F0321-03

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 11:41 am	06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.1	6.2	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/07/2024 12:30	06/08/2024 05:50	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
108-88-3	Toluene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.1	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.7	9.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 05:50	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.7 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.7 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.6		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLY

Sample Information

Client Sample ID: Sample 6/5/24-SG-004

York Sample ID: 24F0321-04

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 11:52 am	06/06/2024



Sample Information

Client Sample ID: Sample 6/5/24-SG-004

York Sample ID: 24F0321-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:52 am

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 06:16	ME
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
67-64-1	Acetone	5.2	ICVE, J	ug/kg dry	4.4	8.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:16	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-004

York Sample ID: 24F0321-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:52 am

06/06/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLV

Sample Information

Client Sample ID: Sample 6/5/24-SG-005

York Sample ID: 24F0321-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:17 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	37	74	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/07/2024 12:30	06/08/2024 06:42	ME
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-005

York Sample ID: 24F0321-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:17 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	4.1	ICVE, J	ug/kg dry	3.7	7.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
71-43-2	Benzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
75-09-2	Methylene chloride	ND		ug/kg dry	3.7	7.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
91-20-3	Naphthalene	ND		ug/kg dry	1.8	7.4	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/07/2024 12:30	06/08/2024 06:42	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/07/2024 12:30	06/08/2024 06:42	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.7	7.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/07/2024 12:30	06/08/2024 06:42	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
108-88-3	Toluene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-005

York Sample ID: 24F0321-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:17 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.7	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.5	11	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 06:42	ME
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %			76-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLV

Sample Information

Client Sample ID: Sample 6/5/24-SG-006

York Sample ID: 24F0321-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:26 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-006

York Sample ID: 24F0321-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:26 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	80	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 07:08	ME
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
67-64-1	Acetone	ND	ICVE	ug/kg dry	4.0	8.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
91-20-3	Naphthalene	ND		ug/kg dry	2.0	8.0	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 07:08	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:08	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-006			York Sample ID: 24F0321-06		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 12:26 pm	06/06/2024	

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/07/2024 12:30	06/08/2024 07:08	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	8.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/07/2024 12:30	06/08/2024 07:08	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:08	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.4 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.4 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.6		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLY



Sample Information

Client Sample ID: Sample 6/5/24-SG-007

York Sample ID: 24F0321-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:59 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	37	74	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 07:33	ME
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
67-64-1	Acetone	4.0	ICVE, J	ug/kg dry	3.7	7.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
71-43-2	Benzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-007

York Sample ID: 24F0321-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 12:59 pm	06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
75-09-2	Methylene chloride	ND		ug/kg dry	3.7	7.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
91-20-3	Naphthalene	ND		ug/kg dry	1.9	7.4	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 07:33	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/08/2024 07:33	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.7	7.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/08/2024 07:33	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
108-88-3	Toluene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.7	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.6	11	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:33	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.5 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.2 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Sample 6/5/24-SG-007

York Sample ID: 24F0321-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 12:59 pm	06/06/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.2		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLV

Sample Information

Client Sample ID: Sample 6/5/24-SG-008

York Sample ID: 24F0321-08

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 1:05 pm	06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	28	56	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/07/2024 12:30	06/08/2024 07:59	ME
78-93-3	2-Butanone	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
67-64-1	Acetone	4.5	ICVE, J	ug/kg dry	2.8	5.6	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-008

York Sample ID: 24F0321-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:05 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
67-66-3	Chloroform	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
75-09-2	Methylene chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
91-20-3	Naphthalene	ND		ug/kg dry	1.4	5.6	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 07:59	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
95-47-6	o-Xylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/08/2024 07:59	ME
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.8	5.6	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/08/2024 07:59	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
108-88-3	Toluene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 07:59	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-008

York Sample ID: 24F0321-08

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 1:05 pm	06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.4	2.8	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.2	8.4	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 07:59	ME
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	99.9 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %		76-130							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.5		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLV

Sample Information

Client Sample ID: Sample 6/5/24-SG-009

York Sample ID: 24F0321-09

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 1:23 pm	06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 08:25	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 08:25	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 08:25	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 08:25	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/07/2024 12:30	06/08/2024 08:25	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-009

York Sample ID: 24F0321-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:23 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	25	50	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 08:25	ME
78-93-3	2-Butanone	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
67-64-1	Acetone	2.8	ICVE, J	ug/kg dry	2.5	5.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
71-43-2	Benzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
67-66-3	Chloroform	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
91-20-3	Naphthalene	ND		ug/kg dry	1.3	5.0	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 08:25	ME
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
95-47-6	o-Xylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/08/2024 08:25	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-009

York Sample ID: 24F0321-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:23 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.5	5.0	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/08/2024 08:25	ME
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
108-88-3	Toluene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.3	2.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.8	7.5	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 08:25	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.6 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.6		%	0.100	1	SM 2540G Certifications:	06/07/2024 07:34 CTDOH-PH-0723	06/07/2024 15:57	HLY

Sample Information

Client Sample ID: Sample 6/5/24-SG-010

York Sample ID: 24F0321-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:53 pm

06/06/2024



Sample Information

Client Sample ID: Sample 6/5/24-SG-010

York Sample ID: 24F0321-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:53 pm

06/06/2024

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260D Certifications:	06/07/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/08/2024 06:34	ME
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
67-64-1	Acetone	7.8	J	ug/kg dry	4.4	8.8	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260D Certifications:	06/07/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/08/2024 06:34	ME



Sample Information

Client Sample ID: Sample 6/5/24-SG-010

York Sample ID: 24F0321-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:53 pm

06/06/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/07/2024 07:34	06/07/2024 15:57	HLV

Sample Information

Client Sample ID: 06/05/24-SC-001

York Sample ID: 24F0321-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:16 pm

06/06/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
83-32-9	Acenaphthene	ND		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
208-96-8	Acenaphthylene	80.3	J	ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS
120-12-7	Anthracene	161		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS
56-55-3	Benzo(a)anthracene	449		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS
50-32-8	Benzo(a)pyrene	443		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS
205-99-2	Benzo(b)fluoranthene	373		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS
191-24-2	Benzo(g,h,i)perylene	279		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS
207-08-9	Benzo(k)fluoranthene	395		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS
218-01-9	Chrysene	452		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS
53-70-3	Dibenzo(a,h)anthracene	104		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 08:23	06/10/2024 17:10	SS



Sample Information

Client Sample ID: 06/05/24-SC-001

York Sample ID: 24F0321-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:16 pm

06/06/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
206-44-0	Fluoranthene	864		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
86-73-7	Fluorene	47.9	J	ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/07/2024 08:23	06/10/2024 17:10	SS
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
193-39-5	Indeno(1,2,3-cd)pyrene	319	CCVE	ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
91-20-3	Naphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
87-86-5	Pentachlorophenol	ND	CCVE	ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
85-01-8	Phenanthrene	387		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
108-95-2	Phenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
129-00-0	Pyrene	861		ug/kg dry	46.2	92.2	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:23	06/10/2024 17:10	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.3 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	58.6 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	55.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.3 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	53.8 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	78.1 %	24-116								

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
72-55-9	4,4'-DDE	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
50-29-3	4,4'-DDT	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF



Sample Information

Client Sample ID: 06/05/24-SC-001

York Sample ID: 24F0321-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:16 pm

06/06/2024

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
319-84-6	alpha-BHC	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	06/07/2024 08:25	06/07/2024 21:05	NF
319-85-7	beta-BHC	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
319-86-8	delta-BHC	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
60-57-1	Dieldrin	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
959-98-8	Endosulfan I	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
33213-65-9	Endosulfan II	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	06/07/2024 08:25	06/07/2024 21:05	NF
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
72-20-8	Endrin	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
76-44-8	Heptachlor	ND		ug/kg dry	1.61	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/07/2024 21:05	NF
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	52.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.7 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/08/2024 05:50	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/08/2024 05:50	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/08/2024 05:50	NF



Sample Information

Client Sample ID: 06/05/24-SC-001

York Sample ID: 24F0321-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:16 pm

06/06/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/08/2024 05:50	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/08/2024 05:50	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/08/2024 05:50	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/07/2024 08:25	06/08/2024 05:50	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/07/2024 08:25	06/08/2024 05:50	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	50.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	36.0 %	30-140							

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.0	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 09:13	06/11/2024 15:51	GXB
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	73.2 %	21-150							

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.56		mg/kg dry	1.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 13:16	06/10/2024 18:16	AJL
7440-39-3	Barium	110		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 13:16	06/10/2024 18:16	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 13:16	06/10/2024 18:16	AJL
7440-43-9	Cadmium	0.308		mg/kg dry	0.277	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 13:16	06/10/2024 18:16	AJL
7440-47-3	Chromium	30.9		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 13:16	06/10/2024 18:16	AJL



Sample Information

Client Sample ID: 06/05/24-SC-001

York Sample ID: 24F0321-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:16 pm

06/06/2024

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	44.9	B	mg/kg dry	1.85	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 13:16	06/10/2024 18:16	AJL
7439-92-1	Lead	44.6		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 13:16	06/10/2024 18:16	AJL
7439-96-5	Manganese	287		mg/kg dry	0.462	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 13:16	06/10/2024 18:16	AJL
7440-02-0	Nickel	27.7		mg/kg dry	0.920	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 13:16	06/10/2024 18:16	AJL
7782-49-2	Selenium	3.22		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 13:16	06/10/2024 18:16	AJL
7440-22-4	Silver	ND		mg/kg dry	0.466	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 13:16	06/10/2024 18:16	AJL
7440-66-6	Zinc	82.1		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/07/2024 13:16	06/10/2024 18:16	AJL

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.104		mg/kg dry	0.0333	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/07/2024 14:32	06/08/2024 09:17	DRS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04	06/07/2024 15:15	06/07/2024 22:36	SMK

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	30.9		mg/kg	0.500	1	Calculation Certifications:	06/12/2024 09:33	06/12/2024 09:35	VR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: 06/05/24-SC-001

York Sample ID: 24F0321-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:16 pm

06/06/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.2		%	0.100	1	SM 2540G	06/07/2024 07:34	06/07/2024 15:57	HLV
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Sample 6/5/24-1SCDIOX

York Sample ID: 24F0321-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:34 am

06/06/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	06/07/2024 09:01	06/09/2024 20:52	SS
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	63.2 %	39-127.5							

Sample Information

Client Sample ID: Sample 6/5/24-2SCDIOX

York Sample ID: 24F0321-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:03 pm

06/06/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	06/07/2024 09:01	06/09/2024 21:09	SS
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	62.7 %	39-127.5							



Sample Information

Client Sample ID: Sample 6/5/24-3SCDIOX

York Sample ID: 24F0321-14

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 12:54 pm	06/06/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	06/07/2024 09:01	06/09/2024 21:44	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	61.8 %		39-127.5						

Sample Information

Client Sample ID: Sample 6/5/24-4SCDIOX

York Sample ID: 24F0321-15

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 1:16 pm	06/06/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	06/07/2024 09:01	06/09/2024 22:01	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	57.9 %		39-127.5						

Sample Information

Client Sample ID: Sample 6/5/24-5SCDIOX

York Sample ID: 24F0321-16

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 1:41 pm	06/06/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	06/07/2024 09:01	06/09/2024 22:18	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	64.1 %		39-127.5						



Sample Information

Client Sample ID: Sample 6/5/24-6SCDIOX

York Sample ID: 24F0321-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:14 pm

06/06/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	06/07/2024 09:01	06/09/2024 22:35	SS
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	56.8 %		39-127.5						

Sample Information

Client Sample ID: Sample 6/5/24-1SCPFAS

York Sample ID: 24F0321-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:34 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0583	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.195	J	ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ug/kg dry	0.137	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER



Sample Information

Client Sample ID: Sample 6/5/24-1SCPFAS

York Sample ID: 24F0321-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:34 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.654	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.830	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.153	0.392	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
151772-58-6	* Perfluoro-3,6-dioxahheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0682	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.654	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.669	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER



Sample Information

Client Sample ID: Sample 6/5/24-1SCPFAS

York Sample ID: 24F0321-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:34 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 20:44	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.697	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
24448-09-7	* N-McFOSE	ND		ug/kg dry	0.672	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
31506-32-8	* N-McFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.767	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 20:44	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	80.2 %	25-150
Surrogate: M5PFHxA	89.6 %	25-150
Surrogate: M4PFHpA	85.0 %	25-150
Surrogate: M3PFHxS	82.5 %	25-150
Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	90.7 %	25-150
Surrogate: M6PFDA	83.9 %	25-150
Surrogate: M7PFUdA	95.2 %	25-150
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	76.6 %	25-150
Surrogate: M2PFTeDA	46.6 %	10-150
Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	78.9 %	25-150
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	87.4 %	25-150
Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	86.9 %	25-150



Sample Information

Client Sample ID: Sample 6/5/24-1SCPFAS

York Sample ID: 24F0321-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 11:34 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	78.6 %			10-150						
	Surrogate: d3-N-MeFOSAA	70.4 %			25-150						
	Surrogate: d5-N-EtFOSAA	75.5 %			25-150						
	Surrogate: M2-6:2 FTS	79.0 %			25-200						
	Surrogate: M2-8:2 FTS	69.0 %			25-200						
	Surrogate: M9PFNA	78.2 %			25-150						
	Surrogate: M2-4:2 FTS	82.8 %			25-150						
	Surrogate: d-N-MeFOSA	51.6 %			25-150						
	Surrogate: d-N-EtFOSA	41.5 %			25-150						
	Surrogate: M3HFPO-DA	92.1 %			25-150						
	Surrogate: d9-N-EtFOSE	32.9 %			25-150						
	Surrogate: d7-N-MeFOSE	37.0 %			25-150						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.2		%	0.100	1	SM 2540G	06/06/2024 12:19	06/06/2024 12:21	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Sample 6/5/24-2SCPFAS

York Sample ID: 24F0321-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:03 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0581	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER



Sample Information

Client Sample ID: Sample 6/5/24-2SCPFAS

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New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:03 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.653	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.828	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.152	0.391	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER



Sample Information

Client Sample ID: Sample 6/5/24-2SCPFAS

York Sample ID: 24F0321-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:03 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0680	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.653	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.667	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.341	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:00	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPPrPA)	ND		ug/kg dry	0.695	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.30	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.670	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.765	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:00	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS

88.8 %

25-150

120 RESEARCH DRIVE

STRATFORD, CT 06615



132-02 89th AVENUE

RICHMOND HILL, NY 11418

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

ClientServices@

Page 39 of 82



Sample Information

Client Sample ID: Sample 6/5/24-2SCPFAS

York Sample ID: 24F0321-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:03 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	87.6 %			25-150						
	Surrogate: M4PFHpA	78.5 %			25-150						
	Surrogate: M3PFHxS	84.9 %			25-150						
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	95.0 %			25-150						
	Surrogate: M6PFDA	78.2 %			25-150						
	Surrogate: M7PFUdA	85.3 %			25-150						
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	70.9 %			25-150						
	Surrogate: M2PFTeDA	46.6 %			10-150						
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	90.3 %			25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	93.4 %			25-150						
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	89.4 %			25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	80.7 %			10-150						
	Surrogate: d3-N-MeFOSAA	78.5 %			25-150						
	Surrogate: d5-N-EtFOSAA	77.6 %			25-150						
	Surrogate: M2-6:2 FTS	84.5 %			25-200						
	Surrogate: M2-8:2 FTS	79.1 %			25-200						
	Surrogate: M9PFNA	84.4 %			25-150						
	Surrogate: M2-4:2 FTS	92.3 %			25-150						
	Surrogate: d-N-MeFOSA	50.3 %			25-150						
	Surrogate: d-N-EtFOSA	46.4 %			25-150						
	Surrogate: M3HFPO-DA	91.3 %			25-150						
	Surrogate: d9-N-EtFOSE	30.1 %			25-150						
	Surrogate: d7-N-MeFOSE	42.3 %			25-150						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.3		%	0.100	1	SM 2540G	06/06/2024 12:19	06/06/2024 12:21	AC
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: Sample 6/5/24-3SCPFAS

York Sample ID: 24F0321-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:59 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0583	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER



Sample Information

Client Sample ID: Sample 6/5/24-3SCPFAS

York Sample ID: 24F0321-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:59 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.655	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.831	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.153	0.392	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
151772-58-6	* Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0682	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.440	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.655	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.669	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:16	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.698	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER



Sample Information

Client Sample ID: Sample 6/5/24-3SCPFAS

York Sample ID: 24F0321-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 12:59 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.672	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.767	2.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:16	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	80.1 %	25-150
Surrogate: M5PFHxA	85.9 %	25-150
Surrogate: M4PFHpA	85.3 %	25-150
Surrogate: M3PFHxS	81.1 %	25-150
Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	80.4 %	25-150
Surrogate: M6PFDA	71.9 %	25-150
Surrogate: M7PFUdA	65.7 %	25-150
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	65.4 %	25-150
Surrogate: M2PFTeDA	39.2 %	10-150
Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	84.8 %	25-150
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	81.5 %	25-150
Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	83.7 %	25-150
Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	74.1 %	10-150
Surrogate: d3-N-MeFOSAA	69.9 %	25-150
Surrogate: d5-N-EtFOSAA	76.8 %	25-150
Surrogate: M2-6:2 FTS	82.2 %	25-200
Surrogate: M2-8:2 FTS	67.8 %	25-200
Surrogate: M9PFNA	82.8 %	25-150
Surrogate: M2-4:2 FTS	82.4 %	25-150
Surrogate: d-N-MeFOSA	49.9 %	25-150
Surrogate: d-N-EtFOSA	40.8 %	25-150
Surrogate: M3HFPO-DA	84.6 %	25-150
Surrogate: d9-N-EtFOSE	28.6 %	25-150
Surrogate: d7-N-MeFOSE	38.2 %	25-150



Sample Information

Client Sample ID: Sample 6/5/24-3SCPFAS

York Sample ID: 24F0321-20

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 12:59 pm	06/06/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/06/2024 12:19	06/06/2024 12:21	AC

Sample Information

Client Sample ID: Sample 6/5/24-4SCPFAS

York Sample ID: 24F0321-21

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Soil	June 5, 2024 1:16 pm	06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0586	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.210		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER



Sample Information

Client Sample ID: Sample 6/5/24-4SCPFAS

York Sample ID: 24F0321-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:16 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.658	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.835	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.154	0.393	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
151772-58-6	* Perfluoro-3,6-dioxahheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0685	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.658	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.672	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.344	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER



Sample Information

Client Sample ID: Sample 6/5/24-4SCPFAS

York Sample ID: 24F0321-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:16 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:32	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.701	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
24448-09-7	* N-McFOSE	ND		ug/kg dry	0.675	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
31506-32-8	* N-McFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.770	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:32	ER

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	93.1 %	25-150
Surrogate: M5PFHxA	82.0 %	25-150
Surrogate: M4PFHpA	76.9 %	25-150
Surrogate: M3PFHxS	94.7 %	25-150
Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	90.8 %	25-150
Surrogate: M6PFDA	75.3 %	25-150
Surrogate: M7PFUdA	76.3 %	25-150
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	68.5 %	25-150
Surrogate: M2PFTeDA	49.3 %	10-150
Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	89.8 %	25-150
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	90.9 %	25-150
Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	82.7 %	25-150



Sample Information

Client Sample ID: Sample 6/5/24-4SCPFAS

York Sample ID: 24F0321-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:16 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	74.6 %			10-150						
	Surrogate: d3-N-MeFOSAA	71.5 %			25-150						
	Surrogate: d5-N-EtFOSAA	76.7 %			25-150						
	Surrogate: M2-6:2 FTS	88.8 %			25-200						
	Surrogate: M2-8:2 FTS	81.5 %			25-200						
	Surrogate: M9PFNA	93.5 %			25-150						
	Surrogate: M2-4:2 FTS	91.9 %			25-150						
	Surrogate: d-N-MeFOSA	47.4 %			25-150						
	Surrogate: d-N-EtFOSA	37.9 %			25-150						
	Surrogate: M3HFPO-DA	88.8 %			25-150						
	Surrogate: d9-N-EtFOSE	31.6 %			25-150						
	Surrogate: d7-N-MeFOSE	37.9 %			25-150						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.3		%	0.100	1	SM 2540G	06/06/2024 12:19	06/06/2024 12:21	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Sample 6/5/24-5SCPFAS

York Sample ID: 24F0321-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:41 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0587	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER



Sample Information

Client Sample ID: Sample 6/5/24-5SCPFAS

York Sample ID: 24F0321-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:41 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.659	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.836	0.850	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND		ug/kg dry	0.154	0.394	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER



Sample Information

Client Sample ID: Sample 6/5/24-5SCPFAS

York Sample ID: 24F0321-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:41 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.214	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0686	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.659	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.673	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.344	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/11/2024 10:11	06/13/2024 21:48	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.702	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.676	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.772	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/11/2024 10:11	06/13/2024 21:48	ER
Surrogate Recoveries		Result	Acceptance Range								
Surrogate: M3PFBS		92.8 %	25-150								



Sample Information

Client Sample ID: Sample 6/5/24-5SCPFAS

York Sample ID: 24F0321-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 1:41 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	89.2 %			25-150						
	Surrogate: M4PFHpA	84.7 %			25-150						
	Surrogate: M3PFHxS	97.1 %			25-150						
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	92.3 %			25-150						
	Surrogate: M6PFDA	80.3 %			25-150						
	Surrogate: M7PFUdA	86.6 %			25-150						
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	79.4 %			25-150						
	Surrogate: M2PFTeDA	45.9 %			10-150						
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	44.2 %			25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	87.6 %			25-150						
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	89.3 %			25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	79.9 %			10-150						
	Surrogate: d3-N-MeFOSAA	75.3 %			25-150						
	Surrogate: d5-N-EtFOSAA	76.3 %			25-150						
	Surrogate: M2-6:2 FTS	88.0 %			25-200						
	Surrogate: M2-8:2 FTS	79.0 %			25-200						
	Surrogate: M9PFNA	83.1 %			25-150						
	Surrogate: M2-4:2 FTS	94.8 %			25-150						
	Surrogate: d-N-MeFOSA	56.0 %			25-150						
	Surrogate: d-N-EtFOSA	43.4 %			25-150						
	Surrogate: M3HFPO-DA	94.2 %			25-150						
	Surrogate: d9-N-EtFOSE	24.1 %	PFSu-L		25-150						
	Surrogate: d7-N-MeFOSE	37.1 %			25-150						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.4		%	0.100	1	SM 2540G	06/06/2024 12:19	06/06/2024 12:21	AC
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: Sample 6/5/24-6SCPFAS

York Sample ID: 24F0321-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:14 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0586	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-6SCPFAS

York Sample ID: 24F0321-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:14 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.658	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.835	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ug/kg dry	0.154	0.394	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
151772-58-6	* Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0686	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.658	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.672	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.344	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/12/2024 15:13	06/15/2024 04:26	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.701	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-6SCPFAS

York Sample ID: 24F0321-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:14 pm

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.676	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.771	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/12/2024 15:13	06/15/2024 04:26	ESJ

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	91.2 %	25-150
Surrogate: M5PFHxA	89.1 %	25-150
Surrogate: M4PFHpA	85.6 %	25-150
Surrogate: M3PFHxS	96.6 %	25-150
Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	91.7 %	25-150
Surrogate: M6PFDA	70.4 %	25-150
Surrogate: M7PFUdA	84.4 %	25-150
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	61.5 %	25-150
Surrogate: M2PFTeDA	37.0 %	10-150
Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	39.5 %	25-150
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	83.1 %	25-150
Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	81.5 %	25-150
Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	89.5 %	10-150
Surrogate: d3-N-MeFOSAA	77.3 %	25-150
Surrogate: d5-N-EtFOSAA	80.1 %	25-150
Surrogate: M2-6:2 FTS	91.7 %	25-200
Surrogate: M2-8:2 FTS	89.4 %	25-200
Surrogate: M9PFNA	97.8 %	25-150
Surrogate: M2-4:2 FTS	99.5 %	25-150
Surrogate: d-N-MeFOSA	52.0 %	25-150
Surrogate: d-N-EtFOSA	44.9 %	25-150
Surrogate: M3HFPO-DA	100 %	25-150
Surrogate: d9-N-EtFOSE	38.9 %	25-150
Surrogate: d7-N-MeFOSE	36.9 %	25-150



Sample Information

Client Sample ID: Sample 6/5/24-6SCPFAS

York Sample ID: 24F0321-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Soil

June 5, 2024 2:14 pm

06/06/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.9		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/06/2024 12:19	06/06/2024 12:21	AC

Sample Information

Client Sample ID: Sample 6/5/24-1Trip Blank-S24E113

York Sample ID: 24F0321-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.434	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.323	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.655	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.628	1.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.388	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.757	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.480	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.692	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.812	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	0.683	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-1Trip Blank-S24E113

York Sample ID: 24F0321-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.637	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.729	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.951	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.212	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.812	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.840	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.978	7.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.305	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.462	3.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 00:07	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 00:07	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS -L	ng/L	0.231	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 00:07	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.342	3.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 00:07	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.702	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.65	6.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.98	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.646	6.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-1Trip Blank-S24E113

York Sample ID: 24F0321-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	ADONA	ND		ng/L	0.489	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.858	1.79	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:07	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.794	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:07	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPPA)	ND	PF-LCS -L	ng/L	1.87	4.62	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:07	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.77	23.1	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:07	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.74	23.1	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:07	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.68	18.5	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:07	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:07	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.68	18.5	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:07	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.66	1.85	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:07	ESJ

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	84.4 %		25-150
Surrogate: M5PFHxA	94.2 %		25-150
Surrogate: M4PFHpA	99.5 %		25-150
Surrogate: M3PFHxS	99.7 %		25-150
Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	107 %		25-150
Surrogate: M6PFDA	80.6 %		25-150
Surrogate: M7PFUdA	82.4 %		25-150
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	59.2 %		25-150
Surrogate: M2PFTeDA	54.2 %		10-150
Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	2.43 %	PFSu-L	25-150
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	107 %		25-150
Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	35.5 %		25-150
Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	88.5 %		10-150



Sample Information

Client Sample ID: Sample 6/5/24-1Trip Blank-S24E113

York Sample ID: 24F0321-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	91.3 %			25-150						
	Surrogate: d5-N-EtFOSAA	89.1 %			25-150						
	Surrogate: M2-6:2 FTS	89.5 %			25-200						
	Surrogate: M2-8:2 FTS	80.2 %			25-200						
	Surrogate: M9PFNA	96.4 %			25-150						
	Surrogate: M2-4:2 FTS	98.2 %			25-150						
	Surrogate: d-N-MeFOSA	79.0 %			25-150						
	Surrogate: d-N-EtFOSA	95.2 %			25-150						
	Surrogate: M3HFPO-DA	99.8 %			25-150						
	Surrogate: d9-N-EtFOSE	52.8 %			25-150						
	Surrogate: d7-N-MeFOSE	53.0 %			25-150						

Sample Information

Client Sample ID: Sample 6/5/24-2Trip Blank-S24E113

York Sample ID: 24F0321-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.447	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.333	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.676	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.647	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.400	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.780	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.495	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.714	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-2Trip Blank-S24E113

York Sample ID: 24F0321-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.837	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.704	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.657	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.752	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.980	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.219	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.837	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.866	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.01	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.95	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.314	7.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.476	3.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 00:23	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.04	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 00:23	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS -L	ng/L	0.238	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 00:23	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.352	3.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 00:23	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.723	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-2Trip Blank-S24E113

York Sample ID: 24F0321-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.07	7.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.666	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
919005-14-4	ADONA	ND		ng/L	0.504	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.885	1.85	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:23	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.818	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 00:23	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS -L	ng/L	1.93	4.76	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:23	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.97	23.8	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:23	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.01	23.8	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:23	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.80	19.0	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:23	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.90	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:23	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.80	19.0	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:23	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.71	1.90	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 00:23	ESJ

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	85.8 %	25-150
Surrogate: M5PFHxA	96.7 %	25-150
Surrogate: M4PFHpA	104 %	25-150
Surrogate: M3PFHxS	101 %	25-150
Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	106 %	25-150
Surrogate: M6PFDA	79.0 %	25-150
Surrogate: M7PFUdA	84.0 %	25-150
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	56.4 %	25-150
Surrogate: M2PFTeDA	52.0 %	10-150



Sample Information

Client Sample ID: Sample 6/5/24-2Trip Blank-S24E113

York Sample ID: 24F0321-25

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Water	June 5, 2024 10:25 am	06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	2.35 %	PFSu-L		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	104 %			25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	36.3 %			25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	93.0 %			10-150						
	Surrogate: d3-N-MeFOSAA	95.5 %			25-150						
	Surrogate: d5-N-EtFOSAA	83.7 %			25-150						
	Surrogate: M2-6:2 FTS	90.1 %			25-200						
	Surrogate: M2-8:2 FTS	83.3 %			25-200						
	Surrogate: M9PFNA	106 %			25-150						
	Surrogate: M2-4:2 FTS	102 %			25-150						
	Surrogate: d-N-MeFOSA	79.5 %			25-150						
	Surrogate: d-N-EtFOSA	119 %			25-150						
	Surrogate: M3HFPO-DA	106 %			25-150						
	Surrogate: d9-N-EtFOSE	49.4 %			25-150						
	Surrogate: d7-N-MeFOSE	53.8 %			25-150						

Sample Information

Client Sample ID: Sample 6/5/24-3Trip Blank-S24E113

York Sample ID: 24F0321-26

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Water	June 5, 2024 10:25 am	06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.438	1.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.326	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.661	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.633	1.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.391	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-3Trip Blank-S24E113

York Sample ID: 24F0321-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.764	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.484	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.698	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.820	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.689	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.643	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.736	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.959	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.214	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.820	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.847	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.23	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.987	7.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.91	7.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.307	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.466	3.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:12	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	1.99	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:12	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.233	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:12	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-3Trip Blank-S24E113

York Sample ID: 24F0321-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.345	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:12	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.708	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.67	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.01	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.29	7.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.652	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
919005-14-4	ADONA	ND		ng/L	0.494	7.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.866	1.81	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:12	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.801	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:12	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPtPA)	ND		ng/L	1.89	4.66	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:12	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.83	23.3	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:12	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.82	23.3	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:12	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.72	18.6	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:12	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.47	1.86	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:12	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.72	18.6	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:12	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.68	1.86	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:12	ESJ

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS

82.3 %

25-150

Surrogate: M5PFHxA

94.8 %

25-150

Surrogate: M4PFHpA

105 %

25-150

Surrogate: M3PFHxS

111 %

25-150

Surrogate: Perfluoro-n-
[13C8]octanoic acid (M8PFOA)

120 %

25-150





Sample Information

Client Sample ID: Sample 6/5/24-3Trip Blank-S24E113

York Sample ID: 24F0321-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M6PFDA	84.0 %			25-150						
	Surrogate: M7PFUdA	74.9 %			25-150						
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	54.3 %			25-150						
	Surrogate: M2PFTeDA	38.3 %			10-150						
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	1.68 %	PFSu-L		25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	97.9 %			25-150						
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	26.3 %			25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	91.8 %			10-150						
	Surrogate: d3-N-MeFOSAA	96.2 %			25-150						
	Surrogate: d5-N-EtFOSAA	85.7 %			25-150						
	Surrogate: M2-6:2 FTS	95.4 %			25-200						
	Surrogate: M2-8:2 FTS	91.0 %			25-200						
	Surrogate: M9PFNA	101 %			25-150						
	Surrogate: M2-4:2 FTS	102 %			25-150						
	Surrogate: d-N-MeFOSA	73.5 %			25-150						
	Surrogate: d-N-EtFOSA	90.3 %			25-150						
	Surrogate: M3HFPO-DA	94.2 %			25-150						
	Surrogate: d9-N-EtFOSE	29.1 %			25-150						
	Surrogate: d7-N-MeFOSE	34.4 %			25-150						

Sample Information

Client Sample ID: Sample 6/5/24-4Trip Blank-S24E113

York Sample ID: 24F0321-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.437	1.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.326	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-4Trip Blank-S24E113

York Sample ID: 24F0321-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.660	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.633	1.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.391	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.763	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.484	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.698	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.819	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	0.688	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.642	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.735	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.958	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.214	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.819	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.846	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.23	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.986	7.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.91	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.307	7.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-4Trip Blank-S24E113

York Sample ID: 24F0321-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND		ng/L	0.465	3.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:28	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	1.99	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:28	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.233	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:28	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.344	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:28	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.707	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.00	7.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.651	6.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
919005-14-4	ADONA	ND		ng/L	0.493	7.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.865	1.80	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:28	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.800	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:28	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.89	4.65	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:28	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.82	23.3	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:28	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.81	23.3	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:28	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.71	18.6	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:28	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.47	1.86	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:28	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.71	18.6	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:28	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.86	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:28	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-4Trip Blank-S24E113

York Sample ID: 24F0321-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
	Surrogate: M3PFBS	77.6 %			25-150						
	Surrogate: M5PFHxA	79.3 %			25-150						
	Surrogate: M4PFHpA	83.6 %			25-150						
	Surrogate: M3PFHxS	94.8 %			25-150						
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	98.8 %			25-150						
	Surrogate: M6PFDA	74.8 %			25-150						
	Surrogate: M7PFUdA	88.1 %			25-150						
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	66.9 %			25-150						
	Surrogate: M2PFTeDA	33.3 %			10-150						
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	2.08 %	PFSu-L		25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	85.9 %			25-150						
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	29.6 %			25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	107 %			10-150						
	Surrogate: d3-N-MeFOSAA	87.6 %			25-150						
	Surrogate: d5-N-EtFOSAA	95.6 %			25-150						
	Surrogate: M2-6:2 FTS	83.1 %			25-200						
	Surrogate: M2-8:2 FTS	84.2 %			25-200						
	Surrogate: M9PFNA	87.7 %			25-150						
	Surrogate: M2-4:2 FTS	94.1 %			25-150						
	Surrogate: d-N-MeFOSA	69.1 %			25-150						
	Surrogate: d-N-EtFOSA	66.3 %			25-150						
	Surrogate: M3HFPO-DA	87.7 %			25-150						
	Surrogate: d9-N-EtFOSE	40.9 %			25-150						
	Surrogate: d7-N-MeFOSE	44.7 %			25-150						

Sample Information

Client Sample ID: Sample 6/5/24-5Trip Blank-S24E113

York Sample ID: 24F0321-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Sample 6/5/24-5Trip Blank-S24E113

York Sample ID: 24F0321-28

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Water	June 5, 2024 10:25 am	06/06/2024

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.455	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.339	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.687	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.658	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.406	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.793	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.503	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.726	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.851	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	0.716	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.668	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.764	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.997	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.223	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.851	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.880	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.03	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.98	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-5Trip Blank-S24E113

York Sample ID: 24F0321-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.319	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.484	3.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:44	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.07	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:44	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.242	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:44	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.358	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 01:44	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.735	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.73	7.26	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.12	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.34	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.677	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
919005-14-4	ADONA	ND		ng/L	0.513	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.900	1.88	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:44	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.832	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 01:44	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.96	4.84	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:44	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.09	24.2	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:44	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.16	24.2	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:44	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:44	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.53	1.93	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:44	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:44	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-5Trip Blank-S24E113

York Sample ID: 24F0321-28

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Water	June 5, 2024 10:25 am	06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	ND		ng/L	1.74	1.93	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 01:44	ESJ
Surrogate Recoveries		Result		Acceptance Range							
Surrogate: M3PFBS		79.1 %		25-150							
Surrogate: M5PFHxA		89.4 %		25-150							
Surrogate: M4PFHpA		93.8 %		25-150							
Surrogate: M3PFHxS		99.9 %		25-150							
Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)		99.7 %		25-150							
Surrogate: M6PFDA		86.5 %		25-150							
Surrogate: M7PFUdA		106 %		25-150							
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)		88.9 %		25-150							
Surrogate: M2PFTeDA		46.6 %		10-150							
Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)		1.62 %	PFSu-L	25-150							
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)		86.0 %		25-150							
Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)		29.3 %		25-150							
Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)		107 %		10-150							
Surrogate: d3-N-MeFOSAA		95.4 %		25-150							
Surrogate: d5-N-EtFOSAA		95.0 %		25-150							
Surrogate: M2-6:2 FTS		89.9 %		25-200							
Surrogate: M2-8:2 FTS		88.9 %		25-200							
Surrogate: M9PFNA		89.8 %		25-150							
Surrogate: M2-4:2 FTS		92.7 %		25-150							
Surrogate: d-N-MeFOSA		65.7 %		25-150							
Surrogate: d-N-EtFOSA		71.9 %		25-150							
Surrogate: M3HFPO-DA		91.8 %		25-150							
Surrogate: d9-N-EtFOSE		46.8 %		25-150							
Surrogate: d7-N-MeFOSE		48.0 %		25-150							

Sample Information

Client Sample ID: Sample 6/5/24-6Trip Blank-S24E113

York Sample ID: 24F0321-29

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0321	New York Recycling-475 Exterior Street, Bronx, NY 10421	Water	June 5, 2024 10:25 am	06/06/2024



Sample Information

Client Sample ID: Sample 6/5/24-6Trip Blank-S24E113

York Sample ID: 24F0321-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.439	1.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.327	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.663	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.635	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.392	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.766	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.486	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.700	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.06	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.822	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	0.691	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.644	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.738	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.962	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.215	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.822	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.850	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.23	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.990	7.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-6Trip Blank-S24E113

York Sample ID: 24F0321-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.91	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.308	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.467	3.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 02:00	ESJ
151772-58-6	Perfluoro-3,6-dioxahexanoic acid (NFDHA)	ND		ng/L	2.00	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 02:00	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.233	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 02:00	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.345	3.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/12/2024 17:16	06/15/2024 02:00	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.710	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.67	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.02	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.29	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.654	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
919005-14-4	ADONA	ND		ng/L	0.495	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.868	1.81	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 02:00	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.803	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/12/2024 17:16	06/15/2024 02:00	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPtPA)	ND		ng/L	1.90	4.67	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 02:00	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.84	23.3	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 02:00	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.84	23.3	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 02:00	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.73	18.7	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 02:00	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.48	1.87	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 02:00	ESJ



Sample Information

Client Sample ID: Sample 6/5/24-6Trip Blank-S24E113

York Sample ID: 24F0321-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0321

New York Recycling-475 Exterior Street, Bronx, NY 10421

Water

June 5, 2024 10:25 am

06/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ng/L	3.73	18.7	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 02:00	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.68	1.87	1	EPA 1633 Draft 3 Certifications:	06/12/2024 17:16	06/15/2024 02:00	ESJ
Surrogate Recoveries		Result	Acceptance Range								
Surrogate: M3PFBS		79.5 %	25-150								
Surrogate: M5PFHxA		87.4 %	25-150								
Surrogate: M4PFHpA		91.0 %	25-150								
Surrogate: M3PFHxS		102 %	25-150								
Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)		113 %	25-150								
Surrogate: M6PFDA		92.2 %	25-150								
Surrogate: M7PFUdA		85.0 %	25-150								
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)		63.6 %	25-150								
Surrogate: M2PFTeDA		50.8 %	10-150								
Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)		2.19 %	PFSu-L	25-150							
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)		96.8 %	25-150								
Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)		29.4 %	25-150								
Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)		92.6 %	10-150								
Surrogate: d3-N-MeFOSAA		92.4 %	25-150								
Surrogate: d5-N-EtFOSAA		86.1 %	25-150								
Surrogate: M2-6:2 FTS		87.2 %	25-200								
Surrogate: M2-8:2 FTS		79.3 %	25-200								
Surrogate: M9PFNA		99.9 %	25-150								
Surrogate: M2-4:2 FTS		100 %	25-150								
Surrogate: d-N-MeFOSA		83.5 %	25-150								
Surrogate: d-N-EtFOSA		86.6 %	25-150								
Surrogate: M3HFPO-DA		90.9 %	25-150								
Surrogate: d9-N-EtFOSE		50.5 %	25-150								
Surrogate: d7-N-MeFOSE		52.9 %	25-150								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F0321-01	Sample 6/5/24-SG-001	40mL Vial with Stir Bar-Cool 4° C
24F0321-02	Sample 6/5/24-SG-002	40mL Vial with Stir Bar-Cool 4° C
24F0321-03	Sample 6/5/24-SG-003	40mL Vial with Stir Bar-Cool 4° C
24F0321-04	Sample 6/5/24-SG-004	40mL Vial with Stir Bar-Cool 4° C
24F0321-05	Sample 6/5/24-SG-005	40mL Vial with Stir Bar-Cool 4° C
24F0321-06	Sample 6/5/24-SG-006	40mL Vial with Stir Bar-Cool 4° C
24F0321-07	Sample 6/5/24-SG-007	40mL Vial with Stir Bar-Cool 4° C
24F0321-08	Sample 6/5/24-SG-008	40mL Vial with Stir Bar-Cool 4° C
24F0321-09	Sample 6/5/24-SG-009	40mL Vial with Stir Bar-Cool 4° C
24F0321-10	Sample 6/5/24-SG-010	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.



If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



YORK Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Saratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com



Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
signature binds you to YORK's Standard Terms & Conditions

YORK Project No.
2450321

Your

Page 01 of 07

YOUR INFORMATION		Report To: SAME		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: DICES, LLC	Company:	New York Recycling		New York Recycling		RUSH - Next Day			
Address: 213-01 89th Ave.	Address:	475 Exterior Street,		475 Exterior Street,		RUSH - Two Day			
Jamaica, NY 11429		Bronx, NY 10451		Bronx, NY 10451		RUSH - Three Day			
Phone: (631) 690-8474	Phone:	718-742-0755		718-742-0755		RUSH - Four Day			
Contact: Milana Buslovosky	Contact:	Roger Feitas		Roger Feitas		Standard (5-7 Day)		X	
E-mail: info@dicesny.com	E-mail:	Roger@nyrlc.com		Roger@nyrlc.com					

Report / EDD Type (circle selections)		YORK Reg. Comp.	
Compared to the following Regulation(s): (please fill in)			

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York	CT RCP	Standard Excel EDD
GW - groundwater	New Jersey	CT RCP DQADUE	Standard Excel EDD
DW - drinking water	Connecticut	NY ASP A Package	EQUS (Standard)
WW - wastewater	Pennsylvania	NJDEP Reduced	NYSDEC EQUS
O - Oil ; Other	Other	Deliverables	NJDEP SRP HazSite
		NJDKQP	Other:

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
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Sample 6/5/24-SG-001	SOIL	6/5/24 11:08am	VOC- METHOD 5035A/8260 (separate GRAB)	TERRACORE - VIAL KIT
Sample 6/5/24-SG-002	SOIL	6/5/24 11:15am	VOC- METHOD 5035A/8260 (separate GRAB)	TERRACORE - VIAL KIT
Sample 6/5/24-SG-003	SOIL	6/5/24 11:41am	VOC- METHOD 5035A/8260 (separate GRAB)	TERRACORE - VIAL KIT
Sample 6/5/24-SG-004	SOIL	6/5/24 11:52am	VOC- METHOD 5035A/8260 (separate GRAB)	TERRACORE - VIAL KIT
Sample 6/5/24-SG-005	SOIL	6/5/24 12:13pm	VOC- METHOD 5035A/8260 (separate GRAB)	TERRACORE - VIAL KIT

Comments:

Preservation: (check all that apply)		Field Filtered		Lab to Filter	
HCl	MeOH	HNO ₃	H ₂ SO ₄	NaOH	ZnAc
Ascorbic Acid	Other:				

1. Samples Relinquished by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Patron 6/5/24 16:17	6/5/24 16:17	1479 6/5/24	6/5/24 17:00
2. Samples Relinquished by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time
Patron 6/5/24 17:00	6/5/24 17:00	1479 6/5/24	6/5/24 17:00
4. Samples Relinquished by / Company	Date/Time	5. Samples Relinquished by / Company	Date/Time

Samples Received in Lab by	Date/Time	Temp. Received at Lab	Degrees C
1479	6/5/24 20:05	3.2	



York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

29F0321

Your

Page 02 of 07

YOUR Information			Report To: SAME		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: DICES, LLC	Company:		New York Recycling		company: New York Recycling				RUSH - Next Day	
Address: 213-01 98th Ave. Jamaica, NY 11429	Address:		475 Exterior Street, Bronx, NY 10451		Address: 475 Exterior Street, Bronx, NY 10451				RUSH - Two Day	
Phone: (631) 690-8474	Phone:		718-742-0755		Phone: 718-742-0755				RUSH - Three Day	
Contact: Milana Buslovsky	Contact:		Roger Feitas		Contact: Roger Feitas				RUSH - Four Day	
E-mail: info@dicecny.com	E-mail:		Roger@nyrllc.com		E-mail: Roger@nyrllc.com				Standard (5-7 Day) X	
YOUR Information			Report To: SAME		Invoice To:		YOUR Project Number		Turn-Around Time	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.			Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Samples Collected by: (print your name above and sign below) <i>Jasmine M. Rad</i>			S - soil / solid		New York		CT RCP		Standard Excel EDD	
			GW - groundwater		New Jersey		QA Report		CT RCP DQA/DUE	
			DW - drinking water		Connecticut		NY ASP A Package		NJDEP Reduced	
			WW - wastewater		Pennsylvania		NY ASP B Package		Deliverables	
			O - Oil ; Other		Other				NJDEP SRP HazSite	
Sample Identification			Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
Sample 6/5/24-SG-006			SOIL		6/5/24 12:26pm		VOC- METHOD 5035A/8260 (separate GRAB)		TERRACORE - VIAL KIT	
Sample 6/5/24-SG-007			SOIL		6/5/24 12:59pm		VOC- METHOD 5035A/8260 (separate GRAB)		TERRACORE - VIAL KIT	
Sample 6/5/24-SG-008			SOIL		6/5/24 1:05pm		VOC- METHOD 5035A/8260 (separate GRAB)		TERRACORE - VIAL KIT	
Sample 6/5/24-SG-009			SOIL		6/5/24 1:23pm		VOC- METHOD 5035A/8260 (separate GRAB)		TERRACORE - VIAL KIT	
Sample 6/5/24-SG-010			SOIL		6/5/24 1:53pm		VOC- METHOD 5035A/8260 (separate GRAB)		TERRACORE - VIAL KIT	
Comments:							Preservation: (check all that apply)		Special Instruction	
							HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___		Field Filtered ___ Lab to Filter	
1. Samples Relinquished by / Company			Date/Time		Date/Time		Date/Time		Date/Time	
JMC 06/5/24 16:17			VAF 6/5/24 16:17		4:16		VAF 6/5/24		1900	
2. Samples Received by / Company			Date/Time		Date/Time		Date/Time		Date/Time	
Ramon Duran 6/5/24 16:17			Ramon Duran 6/5/24 16:17		6/5/24 20:05		6/5/24		20:05	
4. Samples Relinquished by / Company			Date/Time		Date/Time		Date/Time		Date/Time	
Ramon Duran 6/5/24 16:17			Ramon Duran 6/5/24 16:17		6/5/24 20:05		6/5/24		20:05	



YORK Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com



YOUR INFORMATION

Company: DICES, LLC
Address: 213-01 99th Ave.
Jamaica, NY 11429
Phone: (631) 690-8474
Contact: Milana Buslovosky
E-mail: info@dicesny.com

Report To: SAME

Company: New York Recycling
Address: 475 Exterior Street,
Bronx, NY 10451
Phone: 718-742-0755
Contact: Roger Feitas
E-mail: Roger@nyrllc.com

Invoice To:

YOUR Project Number
YOUR Project Name
New York Recycling - 475 Exterior
Street, Bronx, NY 10541
YOUR PO#:

Field Chain-of-Custody Record

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YORK Project No.

24F0321

Your

signature binds you to YORK's Standard Terms & Conditions

Turn-Around Time

RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
Standard (5-7 Day) ☒

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Jasmine M. Rad *JMR*

Report / EDD Type (circle selections)

Summary Report ☒ Standard Excel EDD
CT RCP ☐ Standard
QA Report ☐ EQUIS (Standard)
NY ASP A Package ☐ NYSDC EQUIS
NJDEP Reduced ☐ NJDEP SRP HazSite
Deliverables ☐ Other:
NJDKQP ☐

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Container Description

1 x 4-OZ

1 x 4-OZ

1 x 4-OZ

1 x 4-OZ (Plastic)

Comments:

EPA 1633 Draft 3

Special Instruction

Field Filtered Lab to Filter

Preservation: (check all that apply)

HCl MeOH HNO₃ H₂SO₄ NaOH ZnAc

Ascorbic Acid Other:

1. Samples Relinquished by / Company

Date/Time

Date/Time

2. Samples Relinquished by / Company

Date/Time

Date/Time

2. Samples Relinquished by / Company

Date/Time

Date/Time

3. Samples Relinquished by / Company

Date/Time

Date/Time

4. Samples Relinquished by / Company

Date/Time

Date/Time

Samples Received in LAB by

Date/Time

Date/Time

Temp. Received at Lab

3.2 Degrees C



YORK Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com



YOUR INFORMATION

Company: DICES LLC
Address: 213-01 96th Ave.
Jamaica, NY 11429
Phone: (631) 690-8474
Contact: Milana Buslovosky
E-mail: info@dicesny.com

Report To: SAME

Company: New York Recycling
Address: 475 Exterior Street,
Bronx, NY 10451
Phone: 718-742-0755
Contact: Roger Feitas
E-mail: Roger@nyrllc.com

Invoice To:

YOUR Project Number
YOUR Project Name
New York Recycling - 475 Exterior
Street, Bronx, NY 10541
YOUR POW:

Turn-Around Time

RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
Standard (5-7 Day) X

Field Chain-of-Custody Record

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YORK Project No.

24F0321

Your

Page 05 of 07

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until all questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Jasmine M. Rad *JMR*

Sample Identification

Sample Matrix	Date/Time Sampled	Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
SOIL	6/5/24 12:03	S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil : Other	New York X New Jersey Connecticut Pennsylvania Other	CT RCP Standard Excel EDD CT RCP DQA/DUE EQUIS (Standard) NJDEP Reduced NYSDEC EQUIS Deliverables NJDEP SRP HazSite Other:	Compared to the following Regulation(s): (please fill in)
Sample 6/5/24-2SCPFAS	6/5/24 12:54 pm	SOIL		EPA 1633 Draft 3	1 x 4-OZ (Plastic)
Sample 6/5/24-3SCPFAS	6/5/24 1:16 pm	SOIL		EPA 1633 Draft 3	1 x 4-OZ (Plastic)
Sample 6/5/24-4SCPFAS	6/5/24 1:41 pm	SOIL		EPA 1633 Draft 3	1 x 4-OZ (Plastic)
Sample 6/5/24-5SCPFAS	6/5/24 2:14 pm	SOIL		EPA 1633 Draft 3	1 x 4-OZ (Plastic)
Sample 6/5/24-6SCPFAS		SOIL		EPA 1633 Draft 3	1 x 4-OZ (Plastic)

Comments:

1. Samples Relinquished by / Company	Date/Time	1. Samples Relinquished by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	4. Samples Relinquished by / Company	Date/Time	Temp. Received at Lab	Degrees C
<i>JMR</i> 6/05/24 16:17	6/5/24 16:17	<i>P. Pavan</i> 6/5/24 16:17	6/5/24 16:17	<i>V. H</i> 6/5/24 18:00	6/5/24 18:00	<i>P. Pavan</i> 6/5/24 20:05	6/5/24 20:05	<i>K. H</i> 6/5/24 20:05	6/5/24 20:05	20.05	2.2



YORK Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com



Field Chain-of-Custody Record

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YORK Project No.

24R0321

Your

Page 02 of 03

YOUR INFORMATION		Report To: SAME		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: DICES, LLC	Company:	New York Recycling		company:		YOUR Project Name		RUSH - Next Day	
Address: 213-01 99th Ave.	Address:	475 Exterior Street,		Address:		New York Recycling - 475 Exterior		RUSH - Two Day	
Jamaica, NY 11429		Bronx, NY 10451		Phone:		Street, Bronx, NY 10541		RUSH - Three Day	
Phone: (631) 690-8474	Phone:	718-742-0755		Contact:				RUSH - Four Day	
Contact: Milana Buslovsky	Contact:	Roger Feitas		E-mail:				Standard (5-7 Day) X	
E-mail: info@icesny.com	E-mail:	Roger@nyrllc.com							

Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
S - soil / solid	New York	X		CT RCP		Compared to the following Regulation(s): (please fill in)	
GW - groundwater	New Jersey			QA Report			
DW - drinking water	Connecticut			NY ASP A Package			
WW - wastewater	Pennsylvania			NY ASP B Package			
O - Oil / Other	Other			Deliverables			
				NJDEP SRP HazSite			
				Other:			

Sample Identification		Analysis Requested		Container Description	
Sample 6/5/24- 4 Trip Blank- 5246113		Blank for GPA 1633 Draft 3		500mL (plastic bottle)	
Sample 6/5/24- 5 Trip Blank- 5246297		Blank for GPA 1633 Draft 3		500mL (plastic bottle)	
Sample 6/5/24- 6 Trip Blank- 5246113		Blank for GPA 1633 Draft 3		500mL (plastic bottle)	

Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
SOIL	6/5/24	10:25am		Blank for GPA 1633 Draft 3		500mL (plastic bottle)	
SOIL	6/5/24	10:25am		Blank for GPA 1633 Draft 3		500mL (plastic bottle)	
SOIL	6/5/24	10:25am		Blank for GPA 1633 Draft 3		500mL (plastic bottle)	

Comments:		Special Instruction	
		Field Filtered ___ Lab to Filter	

1. Samples Relinquished by / Company		2. Samples Relinquished by / Company	
JMR 6/5/24 16:17	6/5/24 16:17 4:10	V1 R 6/5/24	
3. Samples Relinquished by / Company		3. Samples Received by / Company	
Kenner Brown 6/5/24 18:00	6/5/24 18:00		
4. Samples Relinquished by / Company		4. Samples Received by / Company	

Date/Time		Date/Time		Date/Time		Date/Time	
6/5/24 16:17		6/5/24 16:17		6/5/24 18:00		6/5/24 20:05	
Temp. Received at Lab		Temp. Received at Lab		Temp. Received at Lab		Temp. Received at Lab	
3.2-Degrees C		3.2-Degrees C		3.2-Degrees C		3.2-Degrees C	

New York Recycling, LLC

475 Exterior Street

Bronx, NY 10451

718-742-0755 Fax 718-742-0754,



Ticket No: 280880

Date: 07/30/24

NYR Ticker: JASMINE

Outbound

7:15 AM

Customer: 151

Triumph Construction Corp.

1354 Seneca Avenue

Bronx NY, 10474

Truck Plate 35911NE

Trucker:

Job No: 2484

Loads: 10

Job Description: BX Erea Contract- JOB # 23-0020

Job Address: Various

Town/Borough: BRONX

Remarks: 3/8/24, tax exempt received, JC/ FOOD CENTER DR

Material

Quantity

Unit Price

Delivery \$

Misc \$

Tax \$

Total

04 Recycled Item#4 DOT 304.11 Pile# 2024-01

2.000 YD

New York Recycling, LLC issues this receipt solely for calculating the unit of measure of the purchased materials. Customer/Hired Hauler/Trucker is solely responsible for operating the vehicle within its permitted weight limitation and for the safe and proper pick-up, hauling and delivery of materials. Customer/Hired Hauler/Trucker shall defend and indemnify New York Recycling, LLC against and all claims arising out of a failure to: (1) Comply with permitted weight limitations; and (2) Safely Pick-Up, Haul Truck and Deliver materials. TERMS (If applicable): Net 30 Days from invoice, interest accrued at the highest rate allowable under state law, or 1 1/2 % per month, whichever is less shall be charged and paid after due date.

Total Material:

Total Delivery:

Total Misc:

Total Tax:

Ticket Total:

Paid Amount:

Credit Card:

CC Auth #:

X:

Driver Signature

New York Recycling, LLC
475 Exterior Street
Bronx, NY 10451
718-742-0755 Fax 718-742-0754,



Ticket No: 280821
Date: 07/29/24
NYR Ticketer: THERESE

Outbound
9:24 AM

Customer: 151
Triumph Construction Corp.
1354 Seneca Avenue

Bronx NY, 10474

Truck Plate 35911NE

Trucker:

Job No: 2484

Loads: 9

Job Description: BX Erea Contract- JOB # 23-0020

Job Address: Various

Town/Borough: BRONX

Remarks: 3/8/24, tax exempt received, JC
FOOD CENTER DRIVE

Material

04 Recycled Item#4 DOT 304.11 Pile# 2024-01

Quantity
6.000 YD

Unit Price

Delivery \$

Misc \$

Tax \$

Total

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X:

Driver Signature

Total Material:

Total Delivery:

Total Misc:

Total Tax:

Ticket Total:

Paid Amount:

Credit Card:

CC Auth #:

New York Recycling, LLC
475 Exterior Street
Bronx, NY 10451
718-742-0755 Fax 718-742-0754,



Ticket No: 280702
Date: 07/26/24
NYR Ticketer: THERESE

Outbound
6:43 AM

Customer: 151
Triumph Construction Corp.
1354 Seneca Avenue

Bronx NY, 10474

Truck Plate 35911NE

Trucker:

Job No: 2484

Loads: 8

Job Description: BX Erea Contract- JOB # 23-0020

Job Address: Various

Town/Borough: BRONX

Remarks: 3/8/24, tax exempt received, JC 1400 food center drive

Material	Quantity	Unit Price	Delivery \$	Misc \$	Tax \$	Total
04 Recycled Item#4 DOT 304.11 Pile# 2024-01	10.000 YD					

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X:

Driver Signature

Total Material:
Total Delivery:
Total Misc:
Total Tax: _____
Ticket Total:
Paid Amount:
Credit Card:
CC Auth #:

New York Recycling, LLC
475 Exterior Street
Bronx, NY 10451
718-742-0755 Fax 718-742-0754,



Ticket No: 280663
Date: 07/25/24
NYR Ticketer: THERESE

Outbound
10:25 AM

Customer: 151
Triumph Construction Corp.
1354 Seneca Avenue

Bronx NY, 10474

Truck Plate 35911NE

Trucker:

Job No: 2484

Loads: 7

Job Description: BX Erea Contract- JOB # 23-0020

Job Address: Various

Town/Borough: BRONX

Remarks: 3/8/24, tax exempt received, JC 144 food center dr

Material	Quantity	Unit Price	Delivery \$	Misc \$	Tax \$	Total
04 Recycled Item#4 DOT 304.11 Pile# 2024-01	15.000 YD					

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Total Material:

Total Delivery:

Total Misc:

Total Tax: _____

Ticket Total:

Paid Amount:

Credit Card:

CC Auth #:

X:

Driver Signature

New York Recycling, LLC
475 Exterior Street
Bronx, NY 10451
718-742-0755 Fax 718-742-0754



Ticket No: 280579
Date: 07/24/24
NYR Ticker: THERESE

Outbound
9:18 AM

Customer: 151
Triumph Construction Corp.
1354 Seneca Avenue

Bronx NY, 10474

Truck Plate 35911NE

Trucker:

Job No: 2484

Loads: 5

Job Description: BX Erea Contract- JOB # 23-0020

Job Address: Various

Town/Borough: BRONX

Remarks: 3/8/24, tax exempt received, JC 1400 FOOD CENTER DR

Material	Quantity	Unit Price	Delivery \$	Misc \$	Tax \$	Total
04 Recycled Item#4 DOT 304.11 Pile# 2024-01	18.000 YD					

New York Recycling, LLC issues this receipt solely for calculating the unit of measure of the purchased materials. Customer/Hired Hauler/Trucker is solely responsible for operating the vehicle within its permitted weight limitation and for the safe and proper pick-up, hauling and delivery of materials. Customer/Hired Hauler/Trucker shall defend and indemnify New York Recycling, LLC against and all claims arising out of a failure to: (1) Comply with permitted weight limitations; and (2) Safely Pick-Up, Haul Truck and Deliver materials. TERMS (If applicable): Net 30 Days from invoice, interest accrued at the highest rate allowable under state law, or 1 1/2 % per month, whichever is less shall be charged and paid after due date.

Total Material:

Total Delivery:

Total Misc:

Total Tax: _____

Ticket Total:

Paid Amount:

Credit Card:

CC Auth #:

X:

Arserio Gonzalez

Driver Signature

New York Recycling, LLC

475 Exterior Street

Bronx, NY 10451

718-742-0755 Fax 718-742-0754,



Ticket No: 280593

Date: 07/24/24

NYR Ticketer: THERESE

Outbound

10:53 AM

Customer: 151
Triumph Construction Corp.
1354 Seneca Avenue

Bronx NY, 10474

Truck Plate 35911NE

Trucker:

Job No: 2484

Loads: 6

Job Description: BX Erea Contract- Job # 23-0020

Job Address: Various

Town/Borough: BRONX

Remarks: 3/8/24, tax exempt received, JC 1400 foo doenter dr

Material	Quantity	Unit Price	Delivery \$	Misc \$	Tax \$	Total
04 Recycled Item#4 DOT 304.11 Pile# 2024-01	18.000 YD					

New York Recycling, LLC issues this receipt solely for calculating the unit of measure of the purchased materials. Customer/Hired Hauler/Trucker is solely responsible for operating the vehicle within its permitted weight limitation and for the safe and proper pick-up, hauling and delivery of materials. Customer/Hired Hauler/Trucker shall defend and indemnify New York Recycling, LLC against and all claims arising out of a failure to: (1) Comply with permitted weight limitations; and (2) Safety Pick-Up, Haul Truck and Deliver materials. TERMS (if applicable): Net 30 Days from invoice, interest accrued at the highest rate allowable under state law, or 1 1/2 % per month, whichever is less shall be charged and paid after due date.

Total Material:

Total Delivery:

Total Misc:

Total Tax:

Ticket Total:

Paid Amount:

Credit Card:

CC Auth #:

X:

Agencia Gonzalez

Driver Signature

New York Recycling, LLC

475 Exterior Street

Bronx, NY 10451

718-742-0755 Fax 718-742-0754,



Ticket No: 280518

Date: 07/23/24

NYR Ticketer: THERESE

Outbound**10:15 AM**

Customer: 151
Triumph Construction Corp.
1354 Seneca Avenue

Bronx NY, 10474

Truck Plate 35911NE

Trucker:

Job No: 2484

Loads: 4

Job Description: BX Erea Contract- JOB # 23-0020

Job Address: Various

Town/Borough: BRONX

Remarks: 3/8/24, tax exempt received, JC 1400 FOOD CENTER DR

Material	Quantity	Unit Price	Delivery \$	Misc \$	Tax \$	Total
04 Recycled Item#4 DOT 304.11 Pile# 2024-01	18.000 YD					

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Total Material:

Total Delivery:

Total Misc:

Total Tax: _____

Ticket Total:

Paid Amount:

Credit Card:

CC Auth #:

X:**Driver Signature**

New York Recycling, LLC

475 Exterior Street

Bronx, NY 10451

718-742-0755 Fax 718-742-0754,



Ticket No: 280450

Date: 07/22/24

NYR Ticketer: JASMINE

Outbound

10:49 AM

Customer: 151
Triumph Construction Corp.
1354 Seneca Avenue

Bronx NY, 10474

Truck Plate 35911NE

Trucker:

Job No: 2198

Loads: 35

Job Description: Bronx Electric Serv.Trenching&Restoration

Job Address: Various Location

Town/Borough: BRONX

Remarks: 3/7/24, TAX EXEMPT RECEIVED, JC, Con-Ed #13-4050635
NEED JOB # 230020 ADDRESS: FOOD CENTER DR, BX

Material	Quantity	Unit Price	Delivery \$	Misc \$	Tax \$	Total
04 Recycled Item#4 DOT 304.11 Pile# 2024-01	18.000 YD					

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X:

Driver Signature

Total Material:

Total Delivery:

Total Misc:

Total Tax: _____

Ticket Total:

Paid Amount:

Credit Card:

CC Auth #:

ATTACHMENT 6 WASTE MANIFESTS

Site Address: 400 Food Center Dr, Bronx, NY 10474
Bronx, NY 10474

SC PPW 5/1/2024

WORK ORDER NO. MS 2403218546-002

DOCUMENT NO. **1894859** STRAIGHT BILL OF LADING Truck # **4425**
TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # **P1079465 IL**
EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000
TRANSPORTER 2 _____ VEHICLE ID # _____
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY Clean Earth of North Jersey, Inc			SHIPPER Consolidated Edison Co of NY		
FACILITY EPA ID # NJ0991291105			SHIPPER EPA ID # NYD000706275		
ADDRESS 100 Jacobus Avenue			ADDRESS 1010 Matthews Avenue		
CITY Kearny		STATE NJ	ZIP 07032	CITY Bronx	
STATE NY		ZIP 10462			
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1X25 Y	DT		A. NON DOT REGULATED MATERIAL, OILY SOIL	22	Y
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A.2430822519 EMERGENCY PHONE #: (800) 483-3718 GENERATOR: Consolidated Edison Co of NY W 241967023 NYMA006 NJ DEP 16666 NJ DECAL # 017642					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Elwyn Del Rosa	SIGN 	DATE 07-29-24
TRANSPORTER 1	PRINT MARK P. MARCINIAK	SIGN Mark P. Marciniak	DATE 07-29-24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

1

Site Address: 0 Food Center Dr. Bronx, NY 10474
NY 10474

SC PPW 5/1/2024

WORK ORDER NO. MS 2403218546-002

DOCUMENT NO. **1894858** STRAIGHT BILL OF LADING TRUCK # **4425**
TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # **P1079465 IL**
EPA ID # **MAD039322250** TRANS. 1 PHONE **(781) 792-5000**
TRANSPORTER 2 _____ VEHICLE ID # _____
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY Clean Earth of North Jersey, Inc			SHIPPER Consolidated Edison Co of NY		
FACILITY EPA ID # NJ0991291105			SHIPPER EPA ID # NY0000706275		
ADDRESS 600 Jacobus Avenue			ADDRESS 1610 Matthews Avenue		
CITY Kearny		STATE NJ	ZIP 07032	CITY Bronx	
STATE NY		ZIP 10462			
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS		TOTAL QUANTITY
1X25 Y	DT		A. NON DOT REGULATED MATERIAL, OILY SOIL		14
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A. 2430822519					
EMERGENCY PHONE # (800) 483-3718 W 241967022					
GENERATOR: Consolidated Edison Co of NY					
NYMA006 NJDEP 16666 NJDECAL # 017642					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Elwin DeLaRosa	SIGN X	DATE 07-26-24
TRANSPORTER 1	PRINT MARK P. MARCINIAK	SIGN Mark P. Marciniak	DATE 07-26-24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

Site Address: Consolidated Edison Co. of NY, Bronx, NY 10474
Bronx, NY 10474

SC PPW 5/1/2024

WORK ORDER NO. MS 2403218546-002

DOCUMENT NO. **1894856**

STRAIGHT BILL OF LADING

TRUCK # **4425**

TRANSPORTER 1 Clean Harbors Environmental Services, Inc.

VEHICLE ID # **P1079465 IL**

EPA ID # MAD039322250

TRANS. 1 PHONE (781) 792-8000

TRANSPORTER 2 _____

VEHICLE ID # _____

EPA ID # _____

TRANS. 2 PHONE _____

DESIGNATED FACILITY <u>Clean Harbors North Jersey, Inc</u>			SHIPPER <u>ATTN: Paul Pinos</u> <u>Consolidated Edison Co of NY</u>		
FACILITY EPA ID # <u>WJ0991291105</u>			SHIPPER EPA ID # <u>NY0800709275</u>		
ADDRESS <u>606 Jacobus Avenue</u>			ADDRESS <u>1010 Matthews Avenue</u>		
CITY <u>Kearny</u>		STATE <u>NJ</u>	ZIP <u>07032</u>	CITY <u>Bronx</u>	
STATE <u>NY</u>		ZIP <u>10462</u>			
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1X25Y	DT		A. <u>NON DOT REGULATED MATERIAL, OILY SOIL</u>	12	Y
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS <u>NYMAC06 NTDEP16666 NTDECAL# 017642</u>			EMERGENCY PHONE # <u>18001483-3713</u> GENERATOR: <u>Consolidated Edison Co of NY</u> <u>W241967019</u>		

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPERY <u>Elw. Dela Rosa</u>	SIGN <u>[Signature]</u>	DATE <u>07-25-24</u>
TRANSPORTER 1 <u>MARK P. MARCINIAK</u>	SIGN <u>Mark P. Marciniak</u>	DATE <u>07-25-24</u>
TRANSPORTER 2 _____	SIGN _____	DATE _____
RECEIVED BY _____	SIGN _____	DATE _____

Site Address

400 Food Center Dr, Bronx, NY 10474
Bronx, NY 10474

SC PPW 5/1/2024

WORK ORDER NO. MS 2403218546-002

Truck #: 4424

DOCUMENT NO. 1894857

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc.

VEHICLE ID # D1079464 IL

EPA ID # MAD039322250

TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2

VEHICLE ID #

EPA ID #

TRANS. 2 PHONE

DESIGNATED FACILITY Clean Harbors of North Jersey, Inc			SHIPPER Consolidated Edison Co of NY		
FACILITY EPA ID # NJ0991291105			SHIPPER EPA ID # NY0000706275		
ADDRESS 100 Jacobus Avenue			ADDRESS 1610 Matthews Avenue		
CITY Kearny		STATE NJ	ZIP 07032	CITY Bronx	
		STATE NY	ZIP 10462		
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1X25y	DT		A. NON DOT REGULATED MATERIAL, OILY SOIL	10	YD
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A 2430822519 NJDEP: 4/26/24 Decl# 4/1010			EMERGENCY PHONE #: 8001493-3718 W 241967021		
GENERATOR: Consolidated Edison Co of NY					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Elvin Deharas	SIGN 	DATE 07/25/24
TRANSPORTER 1	PRINT Mary Osei	SIGN 	DATE 07/25/24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

DOCUMENT NO. 1894855 STRAIGHT BILL OF LADINGTRANSPORTER 1 Clean Harbors Environmental Services, Inc.

VEHICLE ID #

D1079464-ILEPA ID # MAD039322250TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2

VEHICLE ID #

P

EPA ID #

TRANS. 2 PHONE

DESIGNATED FACILITY <u>Clean Harbors North Jersey, Inc.</u>			SHIPPER <u>ATTN: Paul Pines Consolidated Edison Co of NY</u>		
FACILITY EPA ID <u>W240322250</u>			SHIPPER EPA ID <u>W240322250</u>		
ADDRESS <u>Jacobus Avenue</u>			ADDRESS <u>1010 Matthews Avenue</u>		
CITY <u>Kearns</u>	STATE <u>NY</u>	ZIP <u>07032</u>	CITY <u>Groton</u>	STATE <u>NY</u>	ZIP <u>06042</u>

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
<u>2x 25y</u>			A. <u>NON DOT REGULATED MATERIAL, OILY SOL</u>	<u>24y</u>	<u>Y</u>
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS X243082250 EMERGENCY PHONE # 18001483-3718 GENERATOR: Consolidated Edison Co of NY
W241987018
NYMAD001 NYDEP # 114444 Decal # 411010 Truck # 4424

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER <u>Elvia Delator</u>	PRINT	SIGN <u>[Signature]</u>	DATE <u>07/24/24</u>
TRANSPORTER 1 <u>Mary Ouel</u>	PRINT	SIGN <u>[Signature]</u>	DATE <u>07/24/24</u>
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

Site Address: 400 [redacted] Dr. Bronx, NY 10474

SC PPW 5/1/2024

WORK ORDER NO. 2403218546-000

DOCUMENT NO. 1894854

STRAIGHT BILL OF LADING

TRUCK # 4425

TRANSPORTER 1 Clean Harbors Environmental Services, Inc.

VEHICLE ID # P1079465 IL

EPA ID # MAD039322250

TRANS 1 PHONE (781) 792-5000

TRANSPORTER 2

VEHICLE ID #

EPA ID #

TRANS 2 PHONE

DESIGNATED FACILITY Clean Harbors North Jersey, Inc.			SHIPPER ATM P&H Pross Consolidated Edison Co of NY		
FACILITY EPA ID # W0352201100			SHIPPER EPA ID # 8700000700275		
ADDRESS 600 Jacobus Avenue			ADDRESS 100 Matthews Avenue		
CITY Kearny		STATE NJ	ZIP 07032	CITY Bronx	
STATE NJ		ZIP 10462		CITY Bronx	
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS DO NOT RECLASSIFY MATERIAL, ONLY RCL		TOTAL QUANTITY
1X25Y	DT		A		24
			B		
			C		
			D		
			E		
			F		
			G		
			H		
SPECIAL HANDLING INSTRUCTIONS X2430922019			EMERGENCY PHONE # 1800483-3718 W 241967017		
NYMAC06 NJDEP16666 NJDEAL# 017642			GENERATOR: Consolidated Edison Co of NY		

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER PRINT Elmer J. [redacted]	SIGN [Signature]	DATE 07-24-24
TRANSPORTER 1 PRINT MARK P. Marciniak	SIGN Mark P. Marciniak	DATE 07-24-24
TRANSPORTER 2 PRINT	SIGN	DATE
RECEIVED BY	SIGN	DATE

Site Address: 400 Food Center Dr, Bronx, NY 10474
Bronx, NY 10474

SC PPW 5/1/2024

WORK ORDER NYS 2403218546.002

DOCUMENT NO. **1894756** STRAIGHT BILL OF LADING

PLATE # P107942 (L)

TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # 4424

EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2 _____ VEHICLE ID # _____

EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY Clean Earth of North Jersey, Inc			SHIPPER Consolidated Edison Co of NY		
FACILITY EPA ID # NJD991291105			SHIPPER EPA ID # NYD000706275		
ADDRESS 105 Jacobus Avenue			ADDRESS 1610 Matthews Avenue		
CITY Kearny		STATE NJ	ZIP 07032	CITY Bronx	
STATE NY		ZIP 10462			
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS		TOTAL QUANTITY
1 X 82,000	TT		A. NON DOT REGULATED MATERIAL, OILY SOIL		40,000
			B.		P
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A.2430822519					
EMERGENCY PHONE #: (800) 483-3718 GENERATOR: Consolidated Edison Co of NY					
W 241957705					
NYMA006 NJM16666 Tower # 4424 DECAL # 017602					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Ekin De la Rosa	SIGN 	DATE 7/23/24
TRANSPORTER 1	PRINT Carlos Sagnas	SIGN 	DATE 7/23/24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

Site Address:

Bronx NY 10474

SC PPW 5/1/2024

WORK ORDER NO. 2403218546-002

DOCUMENT NO. 1894746 STRAIGHT BILL OF LADING

Truck # 4425

TRANSPORTER 1 Clean Harbors Environmental Services, Inc.

VEHICLE ID # P1079465 IL

EPA ID # MAD039322250

TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2

VEHICLE ID #

EPA ID #

TRANS. 2 PHONE

DESIGNATED FACILITY Clean Earth of North Jersey, Inc			SHIPPER ATTN: Paul Plooa Consolidated Edison Co of NY		
FACILITY EPA ID # NID991291105			SHIPPER EPA ID # NYD000706275		
ADDRESS 105 Jacobus Avenue			ADDRESS 1610 Matthews Avenue		
CITY Kearny	STATE NJ	ZIP 07032	CITY Bronx	STATE NY	ZIP 10462
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1X25Y	DT		A. NON DOT REGULATED MATERIAL, OILY SOIL	20	Y
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A.2430822519			EMERGENCY PHONE #: (800) 483-3718 W 241 956 659 GENERATOR: Consolidated Edison Co of NY		
NYMA006 NJDEP 16666 NJDEP 017642					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Elwin DelRos	SIGN 	DATE 07-03-24
TRANSPORTER 1	PRINT Mark P. Marciniak	SIGN 	DATE 07-03-24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

1

Site Address: 100 Food Center Dr. Bronx, NY 10474
NY 10474

SC PPW 5/1/2024

WORK ORDER NO. S2403218546-002

DOCUMENT NO. 1894743

STRAIGHT BILL OF LADING

TRUCK # 4425

TRANSPORTER 1 Clean Harbors Environmental Services, Inc.

VEHICLE ID # P1079465 IL

EPA ID # MAD039322250

TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2

VEHICLE ID #

EPA ID #

TRANS. 2 PHONE

DESIGNATED FACILITY Clean Earth of North Jersey, Inc.			SHIPPER Consolidated Edison Co of NY		
FACILITY EPA ID # NID991291105			SHIPPER EPA ID # NYD000706275		
ADDRESS 105 Jacobus Avenue			ADDRESS 1610 Matthews Avenue		
CITY Kearny		STATE NJ	ZIP 07032	CITY Bronx	STATE NY
					ZIP 10462
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS		TOTAL QUANTITY
1X25Y	DT		A. NON DOT REGULATED MATERIAL, OILY SOIL		24
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A.2430822519			EMERGENCY PHONE #: (800) 483-3718 W 241956656		
			GENERATOR: Consolidated Edison Co of NY		

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Elwin DeL Rosa	SIGN X	DATE 07-02-24
TRANSPORTER 1	PRINT MARK P. Marciniak	SIGN Mark P. Marciniak	DATE 07-02-24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

Site Address: 400 Food
Bronx, NY 5

WORK ORDER NO. 2403218546-002

DOCUMENT NO. **1894744** STRAIGHT BILL OF LADING **Truck # 4424**
TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # P1079464(JL)
EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000
TRANSPORTER 2 _____ VEHICLE ID # _____
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY Clean Earth of North Jersey, Inc			SHIPPER ATTN: Paul Picca Consolidated Edison Co of NY			
FACILITY EPA ID # NJD991291105			SHIPPER EPA ID # NYD000706275			
ADDRESS 105 Jacobus Avenue			ADDRESS 1610 Matthews Avenue			
CITY Kearny		STATE NJ	ZIP 07032	CITY Bronx	STATE NY	ZIP 10462
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS		TOTAL QUANTITY	UNIT WT/VOL
1x25	DT		A. NON DOT REGULATED MATERIAL, OILY SOIL		20	Y
			B.			
			C.			
			D.			
			E.			
			F.			
			G.			
			H.			
SPECIAL HANDLING INSTRUCTIONS A.2430822519 NYMA006 NJDEP#16666			EMERGENCY PHONE #: (800) 483-3718 W241956657 DECAL# 017607			
GENERATOR: Consolidated Edison Co of NY						

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER <u>Elwin DeLeon</u>	SIGN <u>[Signature]</u>	DATE <u>7/2/24</u>
TRANSPORTER 1 <u>Rolox Louis</u>	SIGN <u>[Signature]</u>	DATE <u>07-02-24</u>
TRANSPORTER 2	SIGN	DATE
RECEIVED BY	SIGN	DATE

Site Address: 400 Food Center Dr. Bronx, NY 10474
Bronx, NY 10474

SC PPW 5/1/2024

WORK ORDER NO. 2403218546-002

Truck # 4396

DOCUMENT NO. 1894705

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc.

VEHICLE ID #

P910494

EPA ID # MAD-039322250

TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2

VEHICLE ID #

EPA ID #

TRANS. 2 PHONE

DESIGNATED FACILITY Clean Earth of North Jersey, Inc.			SHIPPER ATTN: Paul Piosa Consolidated Edison Co of NY		
FACILITY EPA ID # NID991291105			SHIPPER EPA ID # NYD000706275		
ADDRESS 105 Jacobus Avenue			ADDRESS 1610 Matthews Avenue		
CITY Kearny	STATE NJ	ZIP 07032	CITY Bronx	STATE NY	ZIP 10462
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS		TOTAL QUANTITY
1x25	CM		A. NON DOT REGULATED MATERIAL, ONLY SOIL		18
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A 2430822519 NJ DEP #1666 DECAL #273A06 CAN #CHRT28569 NYMA006					
EMERGENCY PHONE # (800) 483-3718 GENERATOR: Consolidated Edison Co of NY					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Elum DeLaRosa	SIGN 	DATE 7/1/24
TRANSPORTER 1	PRINT Curtis Pemberton	SIGN 	DATE 7/1/24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

Site Address: 400 Food Center Dr, Bronx, NY 10474
Bronx, NY 10474

SC PPW 5/1/2024

WORK ORDER NO. 62403218546-002

DOCUMENT NO. 1894704

STRAIGHT BILL OF LADING

TRUCK# 4425

TRANSPORTER 1 Clean Harbors Environmental Services, Inc.

VEHICLE ID # P1079465 IL

EPA ID # MAD039322250

TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2

VEHICLE ID #

EPA ID #

TRANS. 2 PHONE

DESIGNATED FACILITY
Clean Earth of North Jersey, Inc.

SHIPPER ATTN: Paul Pippa
Consolidated Edison Co of NY

FACILITY EPA ID #
NJ D991291105

SHIPPER EPA ID #
NY D000706275

ADDRESS
105 Jacobus Avenue

ADDRESS
1610 Matthews Avenue

CITY
Kearny

STATE
NJ

ZIP
07032

CITY
Bronx

STATE
NY

ZIP
10462

CONTAINERS
NO. & SIZE

TYPE

HM

DESCRIPTION OF MATERIALS

TOTAL
QUANTITY

UNIT
WT/VOL

1X25Y DT

A NON DOT REGULATED MATERIAL, OILY SOIL

24

Y

B.

C.

D.

E.

F.

G.

H.

SPECIAL HANDLING INSTRUCTIONS
A.2430822519

EMERGENCY PHONE #: (800) 483-3718
W 241948194

GENERATOR: Consolidated Edison Co of NY

NYMACO, NTDEP 1666 NTDEAL 017642

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT E. W. DALY, JR.	SIGN [Signature]	DATE 07-01-24
TRANSPORTER 1	PRINT MARK P. MARCINIAK	SIGN [Signature]	DATE 07-01-24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

Site Address 400 Food Center Dr. Bronx, NY 10474
Bronx, NY 10474

SC PPW 5/1/2024
WORK ORDER NMS 240321634G.002

DOCUMENT NO 1894707 STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc.

EPA ID # MAD036232256

TRANSPORTER 2

EPA ID #

Truck# 4424
VEHICLE ID # P1079464 (JL)

TRANS. 1 PHONE (781) 792-5000

VEHICLE ID #

TRANS. 2 PHONE

DESIGNATED FACILITY Clean Earth of North Jersey, Inc.			SHIPPER Consolidated Edison Co of NY ATTN: Paul Pioss		
FACILITY EPA ID # NID991291105			SHIPPER EPA ID # NYD000706275		
ADDRESS 105 Jacobus Avenue			ADDRESS 1610 Matthews Avenue		
CITY Kearny	STATE NJ	ZIP 07032	CITY Bronx	STATE NY	ZIP 10462
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS		TOTAL QUANTITY
1x25	DT		A. NON DOT REGULATED MATERIAL, OILY SOL.		Est 15
			B.		Y
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS: EMERGENCY PHONE # 800/483-3719 GENERATOR: Consolidated Edison Co of NY A 2430622519 W 241548197 NYMA 006 NIDEP#16666 Recal# 017602					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER PRINT Elwin Dela Rosa	SIGN [Signature]	DATE 7/1/24
TRANSPORTER 1 PRINT Rafael Louis	SIGN [Signature]	DATE 02-01-24
TRANSPORTER 2 PRINT	SIGN	DATE
RECEIVED BY PRINT	SIGN	DATE

1