350 GRAND CONCOURSE

BRONX, NEW YORK

Remedial Action Work Plan

NYSDEC BCP Number: C203153
OER Project Number: 22TMP0701X
E-Designation: E-442

DRAFT

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

Prepared on Behalf of:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

Prepared by:

akrf

440 Park Avenue South, 7th Floor
New York, New York 10016
212-696-0670

AUGUST 2025

CERTIFICATION STATEMENT

I, Rebecca A. Kinal, P.E., certify that I am currently a New York State registered professional engineer and that this Remedial Action Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31).

Rebecca A. Kinal _____ _____ _____

NYS Professional Engineer #082046 Date Signature

DRAFT

TABLE OF CONTENTS

EXECUTIVE SUMMARY 1
REMEDIAL ACTION WORK PLAN 7
1.0 INTRODUCTION 7
1.1 Site Location and Description 7
1.2 Contemplated Redevelopment Plan 7
1.3 Description of Surrounding Property 8
2.0 DESCRIPTION OF REMEDIAL INVESTIGATION REPORT FINDINGS 9
2.1 Scope Summary Remedial Investigation Report 9
2.2 Geophysical Survey and Utility Mark Outs 10
2.3 Groundwater Monitoring Well Elevation and Location Survey 10
2.4 Soil, Groundwater, and Soil Vapor Sampling 10
2.4.1 Soil Sampling Chemical Analyses 11
2.4.2 Groundwater Sampling Chemical Analyses 14
2.4.3 Soil Vapor Sampling Chemical Analyses 14
2.4.4 Summary Chemical Analytical Work Performed 14
2.5 Geological Conditions 15
2.6 Contamination Conditions 16
2.7 Remedial Investigation Report Findings 16
2.7.1 Soil/Fill Contamination 16
2.7.2 Groundwater Contamination 17
2.7.3 Soil Vapor Contamination 18
2.7.4 Conceptual Model of Site Contamination 19
2.8 Significant Threat 19
2.9 Site History 19
2.9.1 Past Uses and Ownership 19
2.9.2 Sanborn Maps 20
2.9.3 Previous Environmental Reports 22
2.10 Identification of Standards, Criteria and Guidance 29
2.11 Environmental and Public Health Assessments 30
2.11.1 Qualitative Human Health Exposure Assessment 30
2.11.2 Contaminants of Concern in Respective Media 31
2.11.3 Potential Routes of Exposure 31
2.11.4 Exposure Route 32
2.11.5 Potential Receptors 32
2.11.6 Existence of Human Health Exposure Pathways 32
2.11.7 Overall Human Health Exposure Assessment 33
2.12 Remedial Action Objectives 33
2.12.1 Soil 33
2.12.2 Groundwater 33
2.12.3 Soil Vapor 34
3.0 INTERIM REMEDIAL MEASURES 35
3.1 Removal of Former SVE System Subgrade Components 35
3.2 UST and Dispenser Closure Activities 35
3.3 Lead Hotspot Removal (Non-Hazardous) 35
3.4 Contaminated Materials Removal 36
4.0 SITE WASTE CHARACTERIZATION 37
5.0 DESCRIPTION OF REMEDIAL ACTION PLAN 38
5.1 Evaluation of Remedial Alternatives 38

DRAFT

5.2 Selection of the Preferred Remedy 43
5.2.1 Zoning 43
5.2.2 Applicable Comprehensive Community Master Plans or Land Use Plans 43
5.2.3 Surrounding Property Uses 44
5.2.4 Citizen Participation Plan 44
5.2.5 Environmental Justice 44
5.2.6 Land Use Designations 44
5.2.7 Population Growth Patterns 44
5.2.8 Accessibility to Existing Infrastructure 45
5.2.9 Proximity to Cultural Resources 45
5.2.10 Proximity to Natural Resources 45
5.2.11 Off-Site Groundwater Impacts 45
5.2.12 Proximity to Floodplains 45
5.2.13 Geography and Geology of the Site 45
5.2.14 Current Institutional Controls and Engineering Controls 46
5.3 Summary of Selected Remedial Actions 46
6.0 REMEDIAL ACTION PROGRAM 49
6.1 Governing Documents 49
6.1.1 Site Specific Health and Safety Plan 49
6.1.2 Quality Assurance Project Plan 49
6.1.3 Construction Quality Assurance Plan 49
6.1.4 Soil/Materials Management Plan 49
6.1.5 Erosion and Sediment Control Plan 49
6.1.6 Community Air Monitoring Plan 50
6.1.7 Contractors Site Operations Plan 50
6.1.8 Citizen Participation Plan for Proposed Remedial Action 50
6.2 General Remedial Construction Information 51
6.2.1 Project Organization 51
6.2.2 Remedial Engineer 51
6.2.3 Remedial Action Construction Schedule 51
6.2.4 Work Hours 52
6.2.5 Site Security 52
6.2.6 Traffic Control 52
6.2.7 Contingency Plan 52
6.2.8 Worker Training and Monitoring 52
6.2.9 Agency Approvals 52
6.2.10 NYSDEC BCP Signage 53
6.2.11 Pre-Construction Meeting with NYSDEC 53
6.2.12 Emergency Contact Information 53
6.3 Site Preparation 53
6.3.1 Mobilization 53
6.3.2 Monitoring Well Decommissioning 53
6.3.3 Erosion and Sedimentation Controls 53
6.3.4 Stabilized Construction Entrance(s) 54
6.3.5 Utility Marker and Easements Layout 54
6.3.6 Sheeting and Shoring 54
6.3.7 Equipment and Material Staging 54
6.3.8 Decontamination Area 54
6.3.9 Site Fencing 55
6.3.10 Demobilization 55

DRAFT

6.4 Reporting 55
6.4.1 Daily Reports 55
6.4.2 Monthly Reports 56
6.4.3 Other Reporting 56
6.4.4 Complaint Management Plan 56
6.4.5 Deviations from the Remedial Action Work Plan 56
7.0 REMEDIAL ACTION: MATERIAL REMOVAL FROM SITE 57
7.1 Soil Cleanup Objectives 57
7.2 Remedial Performance Evaluation (Post Excavation End-Point Sampling) 57
7.2.1 End-Point Sampling Frequency 57
7.2.2 Endpoint Sampling and Laboratory Methodology 57
7.2.3 Reporting of Results 58
7.2.4 Quality Assurance/Quality Control 58
7.2.5 Data Usability Summary Reports and Electronic Data Deliverables 58
7.2.6 Reporting of End-Point Data in Final Engineering Report 58
7.3 Estimated Material Removal Quantities 58
7.4 Soil/Materials Management Plan 59
7.4.1 Soil Screening Methods 59
7.4.2 Stockpile Methods 59
7.4.3 Materials Excavation and Load Out 59
7.4.4 Materials Transport Off-Site 60
7.4.5 Materials Disposal Off-Site 61
7.4.6 Materials Reuse On-Site 63
7.4.7 Fluids Management 63
7.4.8 Demarcation 63
7.4.9 Backfill from Off-Site Sources 64
7.4.10 Contingency Plan 65
7.4.11 Odor, Dust and Nuisance Control Plan 66
8.0 GROUNDWATER TREATMENT AND MONITORING 68
9.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE 70
9.1 Soil 70
9.2 Groundwater 70
9.3 Soil Vapor 70
10.0 CONTINGENCY ENGINEERING CONTROL: COMPOSITE COVER SYSTEM 72
11.0 CRITERIA FOR COMPLETION OF REMEDIATION/ TERMINATION OF REMEDIAL SYSTEMS 73
11.1 Composite Cover System 73
11.2 Groundwater Monitoring 73
12.0 INSTITUTIONAL CONTROLS 74
12.1 Environmental Easement 74
12.2 Site Management Plan 75
13.0 FINAL ENGINEERING REPORT 77
13.1 Certifications 77
14.0 SCHEDULE 79

DRAFT

FIGURES

Figure 1 – BCP Site Location
Figure 2 – Site Plan with Sampling Locations
Figure 3 – Surrounding Land Use and Sensitive Receptors
Figure 4 – Groundwater Elevation Contours – February 11, 2022
Figure 5A – Northeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and/or RRSCOs
Figure 5B – Southeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and/or RRSCOs
Figure 5C Northwest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and/or RRSCOs
Figure 5D Southwest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and/or RRSCOs
Figure 6 – RI Groundwater Sample Concentrations Above AWQSGVs and Screening Levels
Figure 7 – RI Soil Vapor Sample Concentrations
Figure 8 – Alphanumeric Grid
Figure 9 – Proposed Remedial Excavation and Groundwater Treatment Plan
Figure 10 – Proposed Endpoint Sample Plan
Figure 11 – Truck Route Map
Figure 12 – Proposed Post-Remedial Action Groundwater Monitoring Wells

IN-TEXT TABLES

Table A – 2022 RI Soil Sample Details
Table B – 2025 SRI Soil Sample Details
Table C – 2022 RI QA Assurance Program
Table D – 2025 SRI QA Program
Table E – 2022 RI and 2025 SRI Soil Boring PID Readings and Observations
Table F – Summary of Sanborn Maps
Table G – Document Repositories
Table H – Project Organization
Table I – Soil Vapor Concentrations vs. Distance from Slab On-Grade Portion
Table J – Proposed Project Schedule

TABLES

Table 1 – Estimated Costs for Remedial Alternative 1
Table 2 – Estimated Costs for Remedial Alternative 2

DRAFT

APPENDICES

Appendix A – Standards, Criteria, and Guidance
Appendix B – Metes and Bounds
Appendix C – Previous Environmental Reports
Appendix D – July 2025 Remedial Investigation Report (Draft) Analytical Results
Appendix E – Sanborn Maps
Appendix F – July 2025 Waste Characterization Report
Appendix G – Environmental Footprint Analysis
Appendix H – Climate Vulnerability Assessment
Appendix I – Citizen Participation Plan
Appendix J – Health and Safety Plan
Appendix K – Quality Assurance Project Plan
Appendix L – Construction Quality Assurance Plan
Appendix M – Community Air Monitoring Plan

DRAFT

LIST OF ACRONYMS

Acronym	Definition
AWQSGVs	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	benzene, toluene, ethylbenzene, and xylenes - collectively referred to as BTEX
bgs	below ground surface
BOA	Brownfield Opportunity Area
C/D	construction and demolition
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
CFR	Code of Federal Regulations
cis-1,2-DCE	cis-1,2-dichloroethylene
COC	Certificate of Completion
CPP	Citizen Participation Plan
CQAP	Construction Quality Assurance Plan
CVOC	chlorinated volatile organic compound
DD	Decision Document
DER	Division of Environmental Remediation
DER-10	DER Technical Guidance for Site Investigation and Remediation Document
DER-31	DER Green Remediation Document
DMM	Division of Materials Management
DOT	Department of Transportation
DUSR	Data Usability Summary Report
ECL	Environmental Conservation Law
EDD	electronic data deliverable
EDR	Environmental Data Resources, Inc.
ELAP	New York State Environmental Laboratory Approval Program
EPA	United States Environmental Protection Agency
EQuIS	Environmental Quality Information System
ESA	Environmental Site Assessment
FER	Final Engineering Report
GPR	ground-penetrating radar
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measures
IRMWP	Interim Remedial Measures Work Plan
ISCO	in-Situ chemical oxidation
mg/kg	milligrams per kilogram
MTBE	methyl tert-butyl ether
MS/MSD	matrix spike/matrix spike duplicate

DRAFT

Acronym	Definition
NAPL	non-aqueous phase liquid
NAVD88	North American Vertical Datum of 1988
NTU	Nephelometric Turbidity Unit
NYC	New York City
NYCDCP	New York City Department of City Planning
NYCDEP	New York City Department of Environmental Protection
NYCDOB	New York City Department of Buildings
NYCDOT	New York City Department of Transportation
NYCOER	New York City Office of Environmental Remediation
NYCRR	New York Codes, Rules and Regulations
NYCT	New York City Transit
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORC	Oxygen Release Compound
OSHA	United States Occupational Safety and Health Administration
PAH	polycyclic aromatic hydrocarbon
PBS	Petroleum Bulk Storage
PCB	polychlorinated biphenyl
PCE	tetrachloroethylene
PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	photoionization detector
ppb	parts per billion
ppm	parts per million
ppt	parts per trillion
PVC	polyvinyl chloride
QA	quality assurance
QAPP	Quality Assurance Project Plan
QC	quality control
QHHEA	Qualitative Human Health Exposure Assessment
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRGV	Restricted Residential Use Guidance Values
RRSCO	Restricted Residential Soil Cleanup Objective

DRAFT

Acronym	Definition
SCGs	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objective
SI	Site Investigation
SIM	selective ion monitoring
SIR	Subsurface (Phase II) Investigation Report
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SOE	support of excavation
SPLP	synthetic precipitate leachate procedure
SRI	Supplemental Remediation Investigation
SRIWP	Supplemental Remediation Investigation Work Plan
SSDS	sub-slab depressurization system
SSO	Site Safety Officer
SVE	soil vapor extraction
SVOC	semivolatile organic compound
SWPPP	Stormwater Pollution Prevention Plan
TAL	Target Analyte List
TCE	trichloroethylene
TCL	Target Compound List
TCLP	toxicity characteristic leaching procedure
TOGS	Technical Operational and Guidance Series
UST	underground storage tank
UUGV	Unrestricted Use Guidance Value
UUSCO	Unrestricted Use Soil Cleanup Objective
VOC	volatile organic compound
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter

DRAFT

EXECUTIVE SUMMARY

Site Description/Physical Setting/Site History

This Remedial Action Work Plan (RAWP) was prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Volunteer") for the property located at 350 Grand Concourse in the Mott Haven section of the Bronx, New York (hereafter referred to as the "Site"). The Site is identified on the New York City (NYC) Tax Map as Bronx Tax Block 2341, Lot 42.

The Site was entered into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) on May 4, 2022 with Brownfield Cleanup Agreement (BCA) Index No. C203153-04-22. The Volunteer acquired the Site from 350 Rising LLC (Former Volunteer) in December 2024, and a BCA Amendment was approved by NYSDEC on February 12, 2025 to reflect the change in the BCP Volunteer entity.

The Site also has E-Designations with the NYC Office of Environmental Remediation for hazardous materials, air quality, and noise. The Site is being redeveloped with a mixed-use residential and commercial building. Restricted residential use is proposed for the Site.

Currently, the Site is a vacant, partially concrete-paved lot with no structures. The Site was previously developed with a gasoline service station that included a one-story convenience store, a sales kiosk, and a canopy-covered gasoline dispenser area, which ceased operations in November 2021. All on-site buildings were demolished in July through August 2022.

The surrounding area is developed primarily with automotive, commercial, transit, and residential uses. The underground NYC Transit subway tracks for the 4- and 5-Trains run beneath Grand Concourse, located west-adjacent to the Site.

Summary of the Remedial Investigation Report

The scope included in the Remedial Investigation (RI) Report (RIR) included a 2022 RI and 2025 Supplemental RI (SRI) and are described below.

2022 Remedial Investigation Scope

- A geophysical survey across the Site;
- Advancement of 14 soil borings (RI-SB-16 through RI-SB-29) to either 15 feet below ground surface (bgs) or weathered bedrock (whichever was encountered first), with the exception of the borings retrofitted to monitoring wells described below;
- Four borings (RI-SB-18, RI-SB-21, RI-SB-22 and RI-SB-23) to be retrofitted with monitoring wells (RI-MW-18, RI-MW-21, RI-MW-22, and RI-MW-23) were advanced to approximately 5 feet into the groundwater table for well installation (at approximately 15 to 25 feet bgs). An additional monitoring well (RI-MW-31) was attempted; however, refusal was encountered (on multiple attempts) on shallow weathered bedrock at approximately 14.5 feet bgs before encountering groundwater. Based upon communication with NYSDEC, as groundwater was not encountered above bedrock in the vicinity of the proposed well, the well did not need to be relocated or installed;
- Groundwater elevation survey using the installed monitoring wells; and
- Installation of six temporary soil vapor points (RI-SV-16 through RI-SV-20, and RI-SV-30) across the Site. Soil vapor points RI-SV-16, RI-SV-17, and RI-SV-20 were installed at a depth of approximately 12 feet bgs; while RI-SV-19 was installed approximately 6 inches beneath the concrete slab within the former convenience store. Soil vapor points RI-SV-18 and RI-SV-30 were installed to approximately 10 feet bgs.

DRAFT

2025 Supplement Remedial Investigation Scope

- Advancement of 42 soil borings (within eight designated grids labeled as A1 through A4 and B1 through B4, with borings labeled as SRI-SB-A1-1 through SRI-SB-B4-4) to 15 feet bgs or weathered bedrock, whichever was encountered first.

Soil/Fill Contamination

Based on the results of the RIR, soil is a media of concern at the Site. The following were detected above applicable comparison criteria:

- The volatile organic compound (VOC) ethylbenzene was detected above its Protection of Groundwater Soil Cleanup Objective (PGWSCO) and Unrestricted Use Soil Cleanup Objective (UUSCO), but below its Restricted Residential Soil Cleanup Objective (RRSCO) at a concentration of 9.8 milligrams per kilogram (mg/kg).
- The semivolatile organic compounds (SVOCs) 4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene were detected at concentrations above their RRSCOs at concentrations up to 4.5 mg/kg [benzo(b)fluoranthene and chrysene]. Two additional SVOCs [4-methylphenol and benzo(k)fluoranthene] were detected above their respective UUSCOs but below their RRSCOs.
- The following five metals were detected above their RRSCOs: barium (max. 1,630 mg/kg), cadmium (max. 4.5 mg/kg), copper (max. 282 mg/kg), lead (max. 1,240 mg/kg), and mercury (max. 43.2 mg/kg). Four other metals (arsenic, hexavalent chromium, nickel, and zinc) were detected above their UUSCOs but below their RRSCOs.
- Polychlorinated biphenyls (PCBs) were not detected above laboratory reporting limits in any of the soil samples.
- The pesticides 4,4'-DDT, aldrin, and dieldrin were detected at concentrations above their UUSCOs, but below their RRSCOs, up to 0.048 mg/kg (dieldrin).
- The per- and polyfluoroalkyl substances (PFAS) perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were detected in one or more soil samples at concentrations above their Unrestricted Use Guidance Values, but below their Restricted Residential Guidance Values, at concentrations up to 3.21 and 0.92 parts per billion, respectively.
- Visual, olfactory, and photoionization detector (PID) soil screening of the soil borings indicated two petroleum hotspots extending to depths up to 20 to 25 feet bgs (terminus of the borings before refusal on apparent weather bedrock) in the western and southwestern portions of the Site.

Groundwater Contamination

- The VOCs benzene, isopropylbenzene, m/p-xylenes, methyl tert-butyl ether (MTBE), n-propylbenzene, sec-butylbenzene, and toluene were detected in one well (RI-MW-23) above their respective Ambient Water Quality Standards and Guidance Values (AWQSGVs) at up to 32 micrograms per liter (µg/L) (benzene).
- The SVOCs benzo(a)anthracene (max. 0.91 µg/L), benzo(a)pyrene (max. 0.62 µg/L), and phenol (max. 3.3 µg/L) were detected in one well (RI-MW-22) above their respective AWQSGVs. These SVOC concentrations are believed to be attributed to sediment entrained in the sample, due to elevated turbidity in the unfiltered sample.
- Twenty metals were detected in the total (unfiltered) groundwater samples, and five metals (iron, lead, magnesium, manganese, and sodium) were detected above the AWQSGVs in one or more samples. Total iron was detected in all samples and the blind duplicate sample at concentrations up to 5,100

DRAFT

µg/L; lead was detected in two samples and the blind duplicate sample at concentrations up to 34.4 µg/L; magnesium was detected in all samples and the blind duplicate sample at concentrations up to 52,500 µg/L; manganese was detected in all samples and the blind duplicate sample at concentrations up to 366 µg/L; and sodium was detected in all samples and the blind duplicate sample at concentrations ranging up to 399,000 µg/L.

- Nineteen metals were detected in the dissolved (filtered) groundwater samples, and two metals (magnesium and sodium) were detected above the AWQSGVs in one or more samples. Dissolved magnesium was detected in all samples and the blind duplicate sample at concentrations ranging up to 52,400 µg/L; and dissolved sodium was detected in all samples and the blind duplicate sample at concentrations ranging up to 486,000 µg/L.
- PCBs and pesticides were not detected above laboratory reporting limits in any of the groundwater samples.
- Eleven PFAS compounds were detected in one or more of the groundwater samples. PFOA and PFOS were detected in all three samples (and the blind duplicate sample) at concentrations ranging from 12.3 to 38.9 parts per trillion (ppt), above their respective NYSDEC Screening Levels.

Soil Vapor Contamination

Six soil vapor samples were collected during the RI, and 37 VOCs were detected in one or more of the soil vapor samples analyzed. Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

VOCs associated with petroleum [including benzene, toluene, ethylbenzene, and xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, butane, cyclohexane, methyl ethyl ketone, methyl isobutyl ketone (4-methyl-2-pentanone), n-heptane, n-hexane, and MTBE] were detected in one or more samples at concentrations up to 670,000 micrograms per cubic meter (µg/m^3) (2,2,4-trimethylpentane from a diluted analysis of RI-SV-16_20220204).

VOCs associated with solvents [including carbon tetrachloride, cis-1,2-dichloroethylene (cis-1,2-DCE), tetrachloroethylene (PCE), and trichloroethylene (TCE)] were detected in one or more samples at concentrations up to 11 µg/m^3 (PCE in RI-SV-30_20221025).

As a preliminary assessment of the potential for soil vapor intrusion in future buildings at the Site, the soil vapor results were compared to Soil Vapor/Indoor Air Matrices A through F of the February 2024 Vapor Intrusion Decision Matrices updates to the NYSDOH *Final Guidance on Soil Vapor Intrusion.* Decision Matrices have been developed for the following 20 compounds: TCE, cis-1,2-DCE, 1,1-dichloroethene, carbon tetrachloride, PCE, 1,1,1-tetrachloroethane, methylene chloride, vinyl chloride, benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, heptane, hexane, and toluene. Since indoor air samples were not collected as part of the RI, the results were compared to the soil vapor matrix concentrations that correspond to a recommended action of "Mitigate", regardless of the corresponding indoor air concentrations. Of the VOCs detected in the soil vapor samples, 2,2,4-trimethylpentane (670,000 µg/m^3 from a diluted analysis) and cyclohexane (32,000 µg/m^3) exceeded their respective NYSDOH matrix value of 600 µg/m^3 for mitigate, while heptane (44,000 µg/m^3) and hexane (240,000 µg/m^3) exceeded their respective NYSDOH matrix value of 2,000 µg/m^3 for mitigate in sample RI-SV-16_20220204.

Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment (QHHEA) was included in the RIR, which was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The RI and SRI were sufficient to complete the QHHEA. Currently, the

DRAFT

Site is a vacant, partially concrete-paved lot with gravel covering the locations of the removed aboveground features of the gasoline service station and Interim Remedial Measure (IRM) underground storage tank (UST) excavation. Therefore, potential actual exposure through dermal contact or ingestion route of exposure is unlikely. After Site redevelopment, direct contact with contaminants in sub-surface soil would be prevented by the building slab. However, the potential exists for inhalation of contaminated vapor for any future on-site buildings.

Once remediation and redevelopment activities begin, any potential exposure pathway from contaminated soil/fill to construction workers or other off-site receptors will be controlled by implementation of the Health and Safety Plan (HASP) and Community Air Monitoring Program (CAMP).

Summary of the Interim Remedial Measures

IRMs were performed at the Site from 2022 through 2025. These activities included: demolition of the existing Site structures; closure and removal of three out-of-service USTs, fill ports, and vent lines; removal of the former SVE system subgrade components; excavation for a soil hotspot in the northern portion of the Site containing elevated concentrations of lead (non-hazardous); and endpoint soil sampling in locations where excavation and removal activities occurred. These IRM activities were performed in accordance with the NYSDEC-approved work plan dated September 2022 and the IRM Modification Request letter dated February 20, 2025. At completion of the IRM activities, AKRF prepared an IRM Construction Completion Report submitted to NYSDEC in April 2025 (draft) to document these IRM activities.

Summary of the Remedy

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and Site management of the remedy, as per the NYSDEC Division of Environmental Remediation (DER) Green Remediation guidance document (DER-31). The major green remediation components are as follows:

    a. Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;

    b. Reducing direct and indirect greenhouse gases and other emissions;

    c. Increasing energy efficiency and minimizing use of non-renewable energy;

    d. Conserving and efficiently managing resources and materials;

    e. Reducing waste, increasing recycling, and increasing reuse of materials which would otherwise be considered a waste;

    f. Maximizing habitat value and creating habitat when possible;

    g. Fostering green and healthy communities and working landscapes which balance ecological, economic, and social goals; and

    h. Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

    As part of the remedial design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use were estimated, as well as goals for the project related to these green and sustainable remediation metrics. The project design specifications include detailed requirements to achieve the green and

DRAFT

sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the Remedial Action and reported in the Final Engineering Report (FER), including a comparison to the included goals. Additionally, the remedial design program includes a climate change vulnerability assessment to evaluate the impact of climate change on the Site and the proposed remedy.

2. Demolition and abatement (e.g., asbestos, universal waste, etc.) of any remaining materials or foundations from the former gasoline station.
3. Excavation and off-site disposal of soil above RRSCOs and petroleum-related VOCs above PGWSCOs to achieve a Track 2 remedy. At a minimum, this would consist of 5-foot excavation across the Site, with three hotspots to depths of approximately 8.5 to 11 feet bgs, and two petroleum hotspots to depths of 20 to 25 feet bgs. It is estimated that approximately 18,500 cubic yards of contaminated soil will be removed from the Site.
4. Collection and laboratory analysis of confirmatory endpoint samples across the Site at the remedial excavation depth to document remaining concentrations of contaminants in soil after remedial excavation is complete. Endpoint sampling will occur around any additional areas of concern identified during the remedial action based on the sampling frequency outlined in Section 5.4 of DER Technical Guidance for Site Investigation and Remediation (DER-10).
5. A contingency plan for discovery of an unknown source of contamination or areas of concern that may require remediation.
6. Any unknown/unregistered tanks and associated piping, other structures associated with a source of contamination, and/or grossly contaminated soil/fill, if encountered, will be removed in accordance with applicable regulations.
7. Installation of support of excavation (SOE) necessary to enable excavation of contaminated soil/fill. SOE installation will comply with applicable local and state-controlled inspections.
8. A site-specific HASP and CAMP will be implemented during all ground-intrusive Site activities, which includes soil disturbance and loading activities, to monitor levels of VOCs and airborne particulates within the active work zones and around the perimeter of the Site.
9. Screening for indications of contamination (by visual means, odor, and monitoring with a PID soil during all ground-intrusive Site work, including soil disturbance and loading activities.
10. Characterization and off-site disposal of all materials removed from the Site in accordance with all Federal, State, and local rules and regulations for handling, transport, and disposal. Waste disposal facilities will be selected based on the data collected to date and the results of the planned waste classification sampling.
11. Importation of clean fill meeting the requirements of 6 New York Codes, Rules and Regulations (NYCRR) Part 375-6.7(d) to replace the excavated soil and/or to establish the design grades or over-excavated areas. On-site soil that does not exceed RRSCOs for any compound or PGWSCOs for VOCs may be used on-site to backfill the excavation areas or re-grade the Site. Soil exceeding the UUSCO for 1,4-dioxane will not be imported, per DER-10: Appendix 5 - Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e). If PFOA or PFOS are detected in any sample at or above the RRGVs, it will also be tested by the Synthetic Precipitation Leaching Procedure (SPLP). If the SPLP concentrations of PFOA and PFOS are at or above 10 ppt, the soil will not be reused or imported. Analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC via a *Request to Import/Reuse Soil or Fill* form for review and approval prior to importation and placement on-site. All imported soil or soil proposed for reuse requires NYSDEC review prior to on-site placement. Excavated bedrock from the Site may be reused below the composite cover system

DRAFT

(if one is necessary) without the need for sampling unless unsuitable due to visual, olfactory, and/or PID readings indicate contamination.

12. Installation of a minimum 20-mil thick vapor barrier membrane beneath the new building slab and behind the subgrade foundation walls to mitigate soil vapor intrusion in the building.
13. Dewatering in accordance with all federal, state, and local regulations, as necessary, to enable the remedial excavation activities.
14. Groundwater treatment will be performed. This program will consist of surface application of a Regenesis Oxygen Release Compound® (ORC) at the base of remedial excavation in the petroleum hotspots to address groundwater contamination associated with NYSDEC Spill Nos 98-14075 and 01-11974. The ORC application will address potential residual contamination in soil at/below the water table. Following groundwater treatment, three permanent 2-inch diameter polyvinyl chloride (PVC) groundwater monitoring wells will be installed at the Site to monitor petroleum-related VOC concentrations. Five rounds of quarterly groundwater sample collection will be implemented at the Site, (including at least one prior to receipt of Certificate of Completion and up to four under Site Management).
15. Recording of an Environmental Easement with the NYC Register to prevent future exposure to any residual contamination remaining at the Site. The Environmental Easement will: require the remedial parties/Site owners to complete and submit a periodic certification of Engineering Controls and Institutional Controls to the NYSDEC in accordance with Part 375-1.8 (h)(3); allow the use and development of the Site for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; restrict the use of groundwater as a source of potable or process water without necessary water quality treatment, as determined by New York State Department of Health; and require compliance with a Site-specific NYSDEC-approved Site Management Plan (SMP).
16. Preparation of an SMP for long term management of residual contamination as required by the Environmental Easement including plans for: 1) Engineering Controls and Institutional Controls, 2) monitoring (including groundwater monitoring), 3) operation and maintenance, and 4) reporting.
17. If Track 2 restricted residential use cleanup is not achieved in certain areas due to SOE limits, the remedy will achieve a Track 4 cleanup in those area. The contingent Track 4 cleanup would require many of the same elements as the Track 2 restricted residential cleanup, and also the following elements:

    - Construction and maintenance of a composite cover system to prevent human exposure to residual contaminants in soil/fill remaining under the Site, which will consist of: 1) concrete building foundations underlain by a minimum 20-mil vapor barrier membrane, which doubles as a demarcation barrier, in areas within the building footprint; and/or 2) paved surfaces underlain by a demarcation barrier in roadway and sidewalk areas. Any fill material brought to the Site will meet the Soil Cleanup Objectives for cover material as set forth in 6 NYCRR Part 375-6.7(d).
    - Inclusion of soil management provisions in the SMP, including an Excavation Work Plan.

DRAFT

REMEDIAL ACTION WORK PLAN

1.0 INTRODUCTION

This Remedial Action Work Plan (RAWP) was prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Volunteer") for the property located at 350 Grand Concourse in the Mott Haven section of the Bronx, New York (hereafter referred to as the "Site"). The Site is identified on the New York City (NYC) Tax Map as Bronx Tax Block 2341, Lot 42. A Site Location Map is provided as Figure 1.

The Site was entered into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) on May 4, 2022 with Brownfield Cleanup Agreement (BCA) Index No. C203153-04-22. The Volunteer acquired the Site from 350 Rising LLC (Former Volunteer) in December 2024, and a BCA Amendment was approved by NYSDEC on February 12, 2025 to reflect the change in the BCP Volunteer entity. The BCP Site boundaries are shown on Figure 2.

The Site also has E-Designations with the NYC Office of Environmental Remediation (NYCOER) for hazardous materials, air quality, and noise. The Site is being redeveloped with a mixed-use residential and commercial building. Restricted residential use is proposed for the Site.

This RAWP summarizes the nature and extent of contamination as determined from data gathered during the Remedial Investigation (RI) activities performed in 2022 and the Supplemental RI (SRI) activities performed in 2025. It provides an evaluation of Remedial Action alternatives, their associated costs, and the recommended and preferred remedy. The remedy described in this RAWP is consistent with the procedures defined in NYSDEC Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10), and Green Remediation (DER-31), and complies with all applicable standards, criteria and guidance (SCGs), as listed in Appendix A. The remedy described in this document also complies with all applicable Federal, State and local laws, regulations and requirements. The NYSDEC and New York State Department of Health (NYSDOH) have yet to determine if the Site poses a significant threat to human health and the environment. The RI and SRI for this Site did not identify fish and wildlife resources.

1.1 Site Location and Description

The 31,045 square-foot (0.71-acre) Site is located in the County of Bronx, New York, New York and is identified as Block 2341, Lot 42 on the NYC Tax Map. Historically, the Site was referred to as Lots 42 and 47; Lot 47 was associated with the historical address 370 Grand Concourse before it was merged with Lot 42 into a single lot (identified as Lot 42). The Site is zoned as C6-2A (commercial) with an R8A (residential) equivalent. Currently, the Site is a vacant partially concrete-paved lot with no structures. The Site was previously developed with a gasoline service station that included a one-story convenience store, a sales kiosk, and a canopy covered gasoline dispenser area, which ceased operations in November 2021. All on-site buildings were demolished in July through August 2022.

A boundary map is attached to the BCA as required by Environmental Conservation Law (ECL) Title 14 Section 27-1419. The Site is fully described in the Metes and Bounds provided in Appendix B. The Site location is shown on Figure 1, and a Site Plan is provided as Figure 2.

1.2 Contemplated Redevelopment Plan

The Remedial Action to be performed under the RAWP is intended to make the Site protective of human health and the environment consistent with the contemplated end use. The proposed redevelopment plan and end use is described here to provide the basis for this assessment. However, the Remedial Action contemplated under this RAWP may be implemented independent of the proposed redevelopment plan.

DRAFT

The proposed redevelopment plan is to construct a 14-story mixed-use commercial and residential building with a cellar. A grocery store will be located on the ground floor, with residential units above. The cellar will include parking, back-of-house uses for the grocery store, and amenity space for the residential apartments. The foundation will be constructed at approximately 15 feet below ground surface (bgs) with two elevator pits at approximately 20 feet bgs (one on the western boundary and one in the southeast corner), except for a 10-foot setback along the northern boundary. In the portion of the 10-foot foundation setback, the foundation will be slab-on-grade constructed at approximately 1-foot bgs with a third elevator pit in the center at approximately 5 feet bgs. The 10-foot setback is required due to structural concerns with the neighboring building to the north.

Groundwater beneath the Site is from approximately 14 to 16 feet bgs (with the exception of 1 of the 10 monitoring wells, RI-MW-03, measured during the RI at approximately 18 feet bgs), and weathered bedrock is as shallow as 5 feet bgs in some portions of the Site. The foundation will be constructed on top of bedrock in some portions and into, or near, the groundwater table, with the exception of the portion of the foundation that has the 10-foot setback.

The new building will include 304 units; which 227 will be market rate and 77 will be affordable at 80% Area Median Income.

1.3 Description of Surrounding Property

The Site is bounded to the north by residential buildings, followed by East 144th Street; to the east by a vacant vegetated area, followed by Metro North Railroad tracks; to the south by a nine-story hotel, followed by various automotive repair shops; and to the west by Grand Concourse, followed by a U-Haul Storage and Moving facility. The Harlem River is the nearest surface water body, located approximately 1,000 feet southwest of the Site.

The surrounding area is developed primarily with automotive, commercial, transit, and residential uses. The underground NYC Transit (NYCT) subway tracks for the 4- and 5-Trains run beneath Grand Concourse, located west-adjacent to the Site.

Four schools (Community School for Social Justice and Health Opportunities High School both at 350 Gerard Avenue, Family Life Academy Charter School III at 370 Gerard Avenue, and KIPP NYC College Prep High School at 201 East 144th Street) are located within 500 feet of the Site. There are no daycare or health care facilities located within 500 feet of the Site.

A surrounding land use and sensitive receptor figure is provided as Figure 3 for the Site.

DRAFT

2.0 DESCRIPTION OF REMEDIAL INVESTIGATION REPORT FINDINGS

A draft RI Report (RIR) was submitted to NYSDEC in July 2025, which reported the findings of a 2022 RI and a 2025 SRI (included in Appendix C). These investigations were conducted to determine the nature and extent of the Site's subsurface contamination. The RI was conducted in accordance with the scope of work presented in the NYSDEC-approved RI Work Plan (RIWP) dated June 2022, and the SRI was conducted in accordance with a NYSDEC-approved SRI Work Plan (SRIWP) dated April 2025. The RI was conducted between January 31 and February 11, 2022, and on October 24, 2022; and the SRI activities were conducted between May 19 and May 22, 2025.

2.1 Scope Summary Remedial Investigation Report

The scope included in the RIR is described below and the sampling locations are shown on Figure 2.

2022 Remedial Investigation

The 2022 RI included:

- A geophysical survey across the Site;
- Advancement of 14 soil borings (RI-SB-16 through RI-SB-29) to either 15 feet bgs or weathered bedrock (whichever was encountered first), with the exception of the borings retrofitted to monitoring wells described below;
- Four borings (RI-SB-18, RI-SB-21, RI-SB-22 and RI-SB-23) were retrofitted to monitoring wells (RI-MW-18, RI-MW-21, RI-MW-22, and RI-MW-23) and advanced to approximately 5 feet into the groundwater table for well installation (at approximately 15 to 25 feet bgs). An additional monitoring well (RI-MW-31) was attempted; however, refusal was encountered (on multiple attempts) on shallow weathered bedrock at approximately 14.5 feet bgs before encountering groundwater. Based upon communication with NYSDEC, as groundwater was not encountered above bedrock in the vicinity of the proposed well, the well did not need to be relocated or installed;
- Groundwater elevation survey using the installed monitoring wells; and
- Installation of six temporary soil vapor points (RI-SV-16 through RI-SV-20, and RI-SV-30) across the Site. Soil vapor points RI-SV-16, RI-SV-17, and RI-SV-20 were installed at a depth of approximately 12 feet bgs; while RI-SV-19 was installed approximately 6 inches beneath the concrete slab within the former convenience store. Soil vapor points RI-SV-18 and RI-SV-30 were installed to approximately 10 feet bgs.

2025 Supplement Remedial Investigation

The 2025 SRI included:

- Advancement of 42 soil borings (SRI-SB-A1-1, SRI-SB-A1-1B, SRI-SB-A1-2 SRI-SB-A1-3, SRI-SB-A1-3B, SRI-SB-A1-4, SRI-SB-A1-4B, SRI-SB-A2-1 through SRI-SB-A2-4, SRI-SB-A3-1 though SRI-SB-A3-4, SRI-SB-A4-1 though SRI-SB-A4-4, SRI-SB-B1-1 though SRI-SB-B1-4, SRI-SB-B1-4B, SRI-SB-B2-1 through SRI-SB-B2-3, SRI-SB-B2-3B, SRI-SB-B2-4, SRI-SB-B3-1, SRI-SB-B3-2A, SRI-SB-B3-2B, SRI-SB-B3-2C, SRI-SB-B3-3, SRI-SB-B3-3B, SRI-SB-B3-4, SRI-SB-B4-1A, SRI-SB-B4-1B, SRI-SB-B4-2A, SRI-SB-B4-2B, SRI-SB-B4-3, and SRI-SB-B4-4) in a generally gridded pattern to 15 feet bgs or weathered bedrock, whichever was encountered first.

DRAFT

2.2 Geophysical Survey and Utility Mark Outs

As required by law, Dig Safely New York was contacted to obtain utility mark outs at least three days prior to the start of all ground intrusive work for the SI, RI, and SRI.

On January 31, 2022, as part of the RI, NOVA Geophysical Services performed a geophysical survey, including ground-penetrating radar (GPR), across accessible areas of the Site to investigate the presence of potential underground storage tanks (USTs) and/or utilities. GPR uses electromagnetic wave propagation and scattering to image and identify changes in electrical and magnetic properties in the ground.

The geophysical survey concluded the following:

- Geophysical anomalies resembling potential former utilities (such as sewer, water, gas, electric, and gasoline dispenser lines) were identified throughout the Site; and
- All detected subsurface anomalies and cleared boring locations were marked on-site.

2.3 Groundwater Monitoring Well Elevation and Location Survey

On October 14, 2021 and March 4, 2022, the installed groundwater monitoring wells [including the wells installed during the 2021 Subsurface (Phase II) Investigation (SI)] were surveyed by Fehringer Surveying, P.C. of Seaford, New York, a New York State (NYS)-licensed surveyor. The elevation measurements were taken at the flush-mount manhole cover ("ground surface") and on the north side of the top of the polyvinyl chloride (PVC) casing at each of the monitoring wells. Horizontal location measurements were taken at center of the manhole cover. The vertical datum is the North American Vertical Datum of 1988 (NAVD88), while the horizontal datum is NYS Plane Coordinates Long Island Zone.

Based on site-specific measurements at the monitoring well locations taken on February 11, 2022, the groundwater elevation across the Site ranges from approximately 14.5 to 21.5 feet (NAVD88), or from approximately 14 to 16 feet bgs (with the exception of 1 of the 10 monitoring wells, RI-MW-03, measured during the RI at approximately 18 feet bgs). The inferred groundwater flow direction is southwesterly as shown on Figure 4.

2.4 Soil, Groundwater, and Soil Vapor Sampling

Soil Sampling

For the 2022 RI, 30 soil samples [plus quality assurance/quality control (QA/QC) samples) were collected for laboratory analysis from the borings. Two grab soil samples were collected from each sample location at varying depth intervals. Shallow soil samples were collected from the 2-foot intervals between ground surface and 5 feet bgs. Deep soil samples were collected from the 2-foot interval that exhibited the greatest evidence of contamination [i.e., odors, staining, and/or photoionization (PID) detections]; however, when no contamination was noted, it was collected immediately above the groundwater table or bedrock, whichever was encountered first.

For the 2025 SRI, 109 soil samples (plus QA/QC samples) were collected for laboratory analysis from the borings. At each soil boring location, one 2-foot interval grab soil sample was collected from each 5-foot interval (i.e., 0 to 5 feet bgs, 5 to 10 feet bgs, 10 to 15 feet bgs, etc.). Soil samples were biased to the interval that exhibited the greatest evidence of contamination (i.e., odors, staining, and/or PID detections).

Groundwater Sampling

For the 2022 RI, a total of three groundwater samples (plus QA/QC samples) were collected. No sample was collected from monitoring well RI-MW-21 since it was dry during the sampling event.

DRAFT

The monitoring wells were allowed to rest a minimum of one week following installation prior to sampling. Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured in each well using an oil-water interface probe attached to a measuring tape accurate to 0.01 feet. Sampling was in accordance with the United States Environmental Protection Agency (EPA) low-flow groundwater sampling procedure to allow for collection of a representative sample ("Low Stress [Low Flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells," dated July 30, 1996). The wells were then purged with a submersible pump. The purged water was monitored for turbidity and water quality indicators (i.e., pH, temperature, dissolved oxygen, oxidation-reduction potential, and specific conductivity) with measurements collected approximately every five minutes. Purging of the wells continued until the turbidity was less than 50 Nephelometric Turbidity Units (NTUs) for three successive readings and water quality indicators had stabilized to the extent practicable. If turbidity and/or water quality indicators did not stabilize after two hours, purging was discontinued and samples were collected. For monitoring well RI-MW-22, the well was purged for over 2 hours and turbidity remained elevated at 197 NTUs at the time of sampling. Groundwater samples could not be collected from monitoring well RI-MW-31 due to the lack of an adequate water column for sampling.

Soil Vapor Sampling

For the 2022 RI, a total of six soil vapor samples were collected. Prior to sampling, approximately three sampler volumes were purged from the sampling points. After purging, tubing was connected to a laboratory-supplied batch-certified clean 6-liter SUMMA canister equipped with a flow regulator to collect a sample over approximately 2 hours. The flow rate did not exceed 0.2 liters per minute during sampling collection. Once sampling was completed, the canisters were closed.

2.4.1 Soil Sampling Chemical Analyses

A list of the soil samples and their analyses is presented in Tables A and B below.

Table A
2022 RI Soil Sample Details

Boring	Soil Sample Depth (feet bgs)	Analytical Parameters
RI-SB-16	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	6-8	VOCs
RI-SB-17	1-3	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	9-11	VOCs
RI-SB-18	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	12-14	VOCs
RI-SB-19	3-5	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	13-15	VOCs
RI-SB-20	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	12.5-14.5	VOCs
RI-SB-21	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	6-8	VOCs

DRAFT

Boring	Soil Sample Depth (feet bgs)	Analytical Parameters
RI-SB-22	0-2, 14-16	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
RI-SB-23	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	12-14	VOCs
RI-SB-24	3-5	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	11-13	VOCs
RI-SB-25	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	5-7	VOCs
RI-SB-26	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	7-9	VOCs
RI-SB-27	1-3	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	12-14	VOCs
RI-SB-28	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	13-15	VOCs
RI-SB-29	0-2	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, and PFAS
	13-15	VOCs

Notes:
VOCs – Volatile Organic Compounds
SVOCs – Semi-Volatile Organic Compounds
PCBs – Polychlorinated Biphenyls
PFAS – Per- and Polyfluoroalkyl Substances

Table B
2025 SRI Soil Sample Details

Boring	Soil Sample Depth (feet bgs)	Analytical Parameters^
SRI-SB-A1-1	3-5, 8-10, 13-15	SVOCs and Metals
SRI-SB-A1-1B	3-5, 5-7, 13-15	VOCs
SRI-SB-A1-2	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A1-3	3-5, 7-9	SVOCs and Metals
SRI-SB-A1-3B	3-5, 7-9	VOCs
SRI-SB-A1-4	3-5	SVOCs and Metals
SRI-SB-A1-4B	3-5	VOCs
SRI-SB-A2-1	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A2-2	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A2-3	3-5, 8-10, 10-12	VOCs, SVOCs, and Metals
SRI-SB-A2-4	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A3-1	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A3-2	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A3-3	3-5, 5-7, 10-12	VOCs, SVOCs, and Metals

DRAFT

Boring	Soil Sample Depth (feet bgs)	Analytical Parameters^
SRI-SB-A3-4	3-5, 6-8, 13-15	VOCs, SVOCs, and Metals
SRI-SB-A4-1	3-5, 7-9	VOCs, SVOCs, and Metals
SRI-SB-A4-2	3-5, 6-8	VOCs, SVOCs, and Metals
SRI-SB-A4-3	3-5, 8-10, 10-12	VOCs, SVOCs, and Metals
SRI-SB-A4-4	3-5, 6-8	VOCs, SVOCs, and Metals
SRI-SB-B1-1	3-5	VOCs, SVOCs, and Metals
SRI-SB-B1-2	3-5, 5-7, 13-15	VOCs, SVOCs, and Metals
	18-20	VOCs
SRI-SB-B1-3	3-5, 5-7, 13-15	VOCs, SVOCs, and Metals
SRI-SB-B1-4	3-5, 5-7, 13-15,	VOCs, SVOCs, and Metals
	17-19, 22-24	VOCs
SRI-SB-B1-4B	No Sample**	No SRI Analyses
SRI-SB-B2-1	3-5, 8-10, 13-15, 18-20	VOCs*
SRI-SB-B2-2	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-B2-3	3-5, 8-10, 13-15, 17-19, 22-24	VOCs*
SRI-SB-B2-3B	No Sample**	No SRI Analyses
SRI-SB-B2-4	3-5, 7-9, 13-15	VOCs*
SRI-SB-B3-1	3-5, 5-7	VOCs, SVOCs, and Metals
SRI-SB-B3-2A	16-18	VOCs
SRI-SB-B3-2B	8-10, 12-14	VOCs, SVOCs, and Metals
SRI-SB-B3-2C	3-5	VOCs, SVOCs, and Metals
SRI-SB-B3-3	8-10, 13-15	VOCs, SVOCs, and Metals
	18-20	VOCs
SRI-SB-B3-3B	3-5	VOCs, SVOCs, and Metals
SRI-SB-B3-4	3-5, 6-8, 13-15	VOCs, SVOCs, and Metals
	16-18	VOCs
SRI-SB-B4-1A	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
SRI-SB-B4-1B	3-5, 8-10, 10-12	VOCs, SVOCs, and Metals
	15-17	VOCs
SRI-SB-B4-2A	3-5, 8-10, 11-13	VOCs, SVOCs, and Metals
SRI-SB-B4-2B	18-20	VOCs
SRI-SB-B4-3	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
	15-17	VOCs
SRI-SB-B4-4	3-5, 8-10, 13-15	VOCs, SVOCs, and Metals
	15-17	VOCs

Notes:
VOCs – Volatile Organic Compounds
SVOCs – Semi-Volatile Organic Compounds
^ Additional analyses also performed for soil waste characterization purposes.
* Samples collected for SVOCs and Metals lost by the laboratory.
** Only composite sample collected for waste characterization purposes.

DRAFT

2.4.2 Groundwater Sampling Chemical Analyses

The groundwater samples were analyzed for VOCs, SVOCs, PCBs, pesticides, 1,4-dioxane, PFAS, and metals (total and dissolved). Additional details on the analytical methods are included in Section 2.4.4 below.

2.4.3 Soil Vapor Sampling Chemical Analyses

The soil vapor samples were analyzed for VOCs. Additional details on the analytical methods are included in Section 2.4.4 below.

2.4.4 Summary Chemical Analytical Work Performed

The RI and SRI chemical analytical work has been performed under a QA program, which is summarized in Tables C and D below.

Table C
2022 RI QA Program

Factor	Description
QA Officer	The chemical analytical QA/QC was directed by Deborah Shapiro of AKRF.
Third Party Data Validator	The third-party data validation was performed by Lori Beyer of L.A.B. Validation Corp.
Chemical Analytical Laboratory	The chemical analytical laboratory used for the RI was Eurofins of: Edison, New Jersey; Lancaster, Pennsylvania; and Burlington, Vermont.
Chemical Analytical Methods	Soil analytical methods: • TCL VOCs by EPA Method 8260C (rev. 2006) • TCL SVOCs by EPA Method 8270D (rev. 2007) • Pesticides by EPA Method 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) • TAL Metals by EPA Method 6000/7000 series (rev. 2007) • Cyanide by EPA Method 9012B • Hexavalent chromium by EPA Method 7196A (rev. 1992) • 21 compound PFAS list by Modified EPA Method 537 Groundwater analytical methods: • TCL VOCs by EPA Method 8260C (rev. 2006) • TCL SVOCs by EPA Method 8270D (rev. 2007) • Pesticides by EPA Method 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) • TAL Metals (total and dissolved) by EPA Method 6000/7000 series (rev. 2007) • Hexavalent chromium by EPA Method 7196A (rev. 1992) • 1,4-Dioxane by EPA Method 8270D by SIM • 21 compound PFAS list by Modified EPA Method 537 Soil vapor analytical method: • VOCs by EPA Method TO-15
Notes: TCL – Target Compound List TAL – Target Analyte List SIM – Selective Ion Monitoring	

DRAFT

Table D
2025 SRI QA Program

Factor	Description
QA Officer	The chemical analytical QA/QC was directed by Marc Godick of AKRF.
Third Party Data Validator	The third-party data validation was performed by Lori Beyer of L.A.B. Validation Corp.
Chemical Analytical Laboratory	The chemical analytical laboratory used for the SRI was Eurofins of Edison, New Jersey.
Chemical Analytical Methods	Soil analytical methods: • TCL VOCs by EPA Method 8260C (rev. 2006) • TCL SVOCs by EPA Method 8270D (rev. 2007) • TAL Metals by EPA Method 6000/7000 series (rev. 2007)
Notes: TCL – Target Compound List TAL – Target Analyte List	

2.5 Geological Conditions

The stratigraphy of the Site consisted of fill to approximately 4 to 20 feet bgs, characterized by silt with sand, brick, gravel, asphalt, and glass across the Site. The fill was generally underlain by either apparent native soil (silt, sand, and clay with gravel) to the terminus of the borings (5 to 25 feet bgs) or apparent weathered bedrock encountered between 5 to 24 feet bgs. Soil was field screened with a PID to measure relative concentrations of VOCs. PID readings and observations (i.e., odors and the presence of NAPL) are summarized in Table E below. Petroleum-like odors, staining, and/or elevated PID readings [up to 2,665 parts per million (ppm)] were noted in 19 of the 56 borings. Non-aqueous phase liquid (NAPL) was observed in one soil boring, SRI-SB-A1-1B, at approximately 5 feet bgs. No odors or elevated PID readings were observed in the remaining borings. The sample locations are shown on Figure 2.

Table E
2022 RI and 2025 SRI Soil Boring PID Readings and Observations

Boring	Boring Depth	Notable PID Readings		Observations (feet bgs)
		ppm	Depth (feet bgs)	
RI-SB-16	15	4.8 – 629	12 -15*	Petroleum-like odors at 13 – 15*
RI-SB-22	20	0.8 – 47.4	3 – 17	Petroleum-like odors at 17
RI-SB-23	20	1.5 – 1,300	12 – 20*	Petroleum-like odors at 20*
RI-SB-25	10^	Non-Detect		Petroleum-like odors at 3
RI-SB-29	20	0.2 – 480	10 – 20*	Petroleum-like odors at 15 – 20*
SRI-SB-A1-1B	15	6.1 – 148.6	2 – 15	Petroleum-like odors and NAPL at 5
SRI-SB-A1-4B	5^	3.5 – 13.8	1 – 5*	Petroleum-like odors at 2
SRI-SB-A2-3	15	3.4	10 – 15	None
SRI-SB-A3-3	15	0.1 – 19.0	1 – 15	None
SRI-SB-B1-4	24^	3.3 – 762.4	12 – 24*	Petroleum-like odors at 14 – 24*
SRI-SB-B1-4B	24^	30.6 – 730.8	20 – 24*[1]	Petroleum-like odors at 20 – 24*
SRI-SB-B2-3	24^	0.4 – 1,588	3 – 24*	Petroleum-like odors at 10 – 24*
SRI-SB-B2-3B	24^	175.2 – 182.4	20 – 24*[1]	None
SRI-SB-B3-2C	20^	0.7 – 2,665	12 – 20*	Petroleum-like odors at 13 – 15

DRAFT

Boring	Boring Depth	Notable PID Readings		Observations (feet bgs)
		ppm	Depth (feet bgs)	
SRI-SB-B3-4	18^	0.3 – 1,750	1 – 18*	Petroleum-like odors at 10 – 18*
SRI-SB-B4-1B	17^	0.7 – 12.7	1 – 15	Petroleum-like odors at 5 – 10
SRI-SB-B4-2B	20^	2.7 – 1,068	13 – 20*	Petroleum-like odors at 13 – 20*
SRI-SB-B4-3	19^	0.3 – 1,192	0 – 19*	Petroleum-like odors at 12 – 19*
SRI-SB-B4-4	20^	8.2 – 1,274	10 – 20*	Petroleum-like odors at 10 – 16

Notes:
^ - Boring encountered refusal at suspect weathered bedrock.
* - PID reading and/or observations was at the boring terminus.
[1] – Boring advanced directly to 20 feet bgs to collect an additional VOC sample based on the corresponding 'A' boring at the same location with no soil sleeves before 20 feet bgs; therefore, there was no soil to log shallower than 20 feet bgs.

2.6 Contamination Conditions

The data compiled were compared to the following SCGs to determine the nature and extent of the contamination area at the Site:

- **Soil/Fill** – NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs) for all compounds, and/or Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) for VOCs only; and Unrestricted Use Guidance Values (UUGVs) and Restricted Residential Use Guidance Values (RRGVs) for PFAS.
- **Groundwater** – NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs) and PFAS Screening Levels.
- **Soil Vapor** – As standards for soil vapor do not exist, the data is presented without comparative standards

2.7 Remedial Investigation Report Findings

Soil, groundwater, and soil vapor analytical results included the RIR are included in Appendix D. Concentration maps showing analytes detected above applicable standards are shown for soil on Figures 5A through 5D; for groundwater on Figure 6; and for soil vapor on Figure 7. The findings of the RIR are summarized in the sections below:

2.7.1 Soil/Fill Contamination

Based on the results of the RIR, soil is a media of concern at the Site. The following were detected above applicable

- The VOC ethylbenzene was detected above its respective PGWSCO and UUSCO, but below its RRSCO at a concentration of 9.8 milligrams per kilogram (mg/kg).

  Acetone was also detected at concentrations up to 0.29 mg/kg, above its respective PGWSCO and UUSCO, but below its RRSCO. According to the associated Data Usability Summary Reports (DUSRs), acetone is common laboratory contaminant but was not detected in the corresponding laboratory blanks; therefore, the data should be used with caution when making decisions regarding detections in field samples.

- The SVOCs 4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene were detected at concentrations above their RRSCOs at

DRAFT

concentrations up to 4.5 mg/kg [benzo(b)fluoranthene and chrysene]. An additional two SVOCs [4-methylphenol and benzo(k)fluoranthene] were detected above their respective UUSCOs but below their RRSCOs.

- The following five metals were detected above their RRSCOs: barium (max. 1,630 mg/kg), cadmium (max. 4.5 mg/kg), copper (max. 282 mg/kg), lead (max. 1,240 mg/kg), and mercury (max. 43.2 mg/kg). Five other metals (arsenic, hexavalent chromium, nickel, and zinc) were detected above their UUSCOs but below their RRSCOs.
- PCBs were not detected above laboratory reporting limits in any of the soil samples.
- The pesticides 4,4'-DDT, aldrin, and dieldrin were detected at concentrations above their UUSCOs, but below their RRSCOs, up to 0.048 mg/kg (dieldrin).
- Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were detected in one or more soil samples at concentrations above their UUGVs, but below their RRGVs, at concentrations up to 3.21 and 0.92 parts per billion (ppb), respectively.
- Visual, olfactory, and PID soil screening of the soil borings indicated two petroleum hotspots to depths up to 20 to 25 feet bgs (terminus of the borings before refusal on apparent weather bedrock) in the western and southwestern portions of the Site.

Soil analytical results from the RIR are included in Appendix D. Concentration maps showing analytes detected above applicable standards are shown for soil on Figures 5A through 5D.

2.7.2 Groundwater Contamination

- The VOCs benzene, isopropylbenzene, m/p-xylenes, methyl tert-butyl ether (MTBE), n-propylbenzene, sec-butylbenzene, and toluene were detected in one well (RI-MW-23) above their respective AWQSGVs up to 32 micrograms per liter (µg/L) (benzene).
- The SVOCs benzo(a)anthracene (max. 0.91 µg/L), benzo(a)pyrene (max. 0.62 µg/L), and phenol (max. 3.3 µg/L) were detected in one well (RI-MW-22) above their respective AWQSGVs. These SVOC concentrations are believed to be attributed to sediment entrained in the sample, due to elevated turbidity (197 NTUs) that did not dissipate during low-flow purging and since the sample was an unfiltered sample.
- Twenty metals were detected in the total (unfiltered) groundwater samples, and five metals (iron, lead, magnesium, manganese, and sodium) were detected above the AWQSGVs in one or more samples. Total iron was detected in all samples and the blind duplicate sample at concentrations ranging up to 5,100 µg/L; lead was detected in two samples and the blind duplicate sample at concentrations up to 34.4 µg/L; magnesium was detected in all samples and the blind duplicate sample at concentrations ranging up to 52,500 µg/L; manganese was detected in all samples and the blind duplicate sample at concentrations ranging up to 366 µg/L; and sodium was detected in all samples and the blind duplicate sample at concentrations ranging up to 399,000 µg/L .
- Nineteen metals were detected in the dissolved (filtered) groundwater samples, and two metals (magnesium and sodium) were detected above the AWQSGVs in one or more samples. Dissolved magnesium was detected in all samples and the blind duplicate sample at concentrations ranging up to 52,400 µg/L; and dissolved sodium

DRAFT

was detected in all samples and the blind duplicate sample at concentrations ranging up to 486,000 µg/L.

- PCBs and pesticides were not detected above laboratory reporting limits in any of the groundwater samples.
- Eleven PFAS compounds were detected in one or more of the groundwater samples. PFOA and PFOS were detected in all three samples (and the blind duplicate sample) at concentrations ranging from 12.3 to 38.9 parts per trillion (ppt), above their respective NYSDEC Screening Levels.

Groundwater analytical results from the RIR are included in Appendix D. A concentration map showing analytes detected above applicable standards for groundwater are shown on Figure 6.

2.7.3 Soil Vapor Contamination

Six soil vapor samples were collected during the RI, and 37 VOCs were detected in one or more of the soil vapor samples analyzed. Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

VOCs associated with petroleum [including benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, butane, cyclohexane, methyl ethyl ketone (MEK), methyl isobutyl ketone (4-methyl-2-pentanone), n-heptane, n-hexane, and MTBE] were detected in one or more samples at concentrations up to 670,000 micrograms per cubic meter (µg/m^3) (2,2,4-trimethylpentane from a diluted analysis of RI-SV-16_20220204).

VOCs associated with solvents [including carbon tetrachloride, cis-1,2-dichloroethylene (cis-1,2-DCE), tetrachloroethylene (PCE), and trichloroethylene (TCE)] were detected in one or more samples at concentrations up to 11 µg/m^3 (PCE in RI-SV-30_20221025).

As a preliminary assessment of the potential for soil vapor intrusion in future buildings at the Site, the soil vapor results were compared to Soil Vapor/Indoor Air Matrices A through F of the February 2024 Vapor Intrusion Decision Matrices updates to the NYSDOH *Final Guidance on Soil Vapor Intrusion.* Decision Matrices have been developed for the following 20 compounds: TCE, cis-1,2-DCE, 1,1-dichloroethene, carbon tetrachloride, PCE, 1,1,1-tetrachloroethane, methylene chloride, vinyl chloride, benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, heptane, hexane, and toluene. Since indoor air samples were not collected as part of the RI, the results were compared to the soil vapor matrix concentrations that correspond to a recommended action of "Mitigate", regardless of the corresponding indoor air concentrations. Of the VOCs detected in the soil vapor samples, 2,2,4-trimethylpentane (670,000 µg/m^3 from a diluted analysis) and cyclohexane (32,000 µg/m^3) exceeded their respective NYSDOH matrix value of 600 µg/m^3 for mitigate, while heptane (44,000 µg/m^3) and hexane (240,000 µg/m^3) exceeded their respective NYSDOH matrix value of 2,000 µg/m^3 for mitigate in sample RI-SV-16_20220204.

Soil vapor analytical results from the RIR are included in Appendix D. A concentration map showing analytes detected for soil vapor are shown on Figure 7.

DRAFT

2.7.4 Conceptual Model of Site Contamination

The affected media at the Site includes soil, groundwater, and soil vapor. Soil/fill is contaminated with petroleum-related contamination (VOCs, visual, olfactory, and elevated PID readings associated with petroleum), SVOCs, metals, pesticides and PFAS; groundwater is contaminated with petroleum-related VOCs, metals, and PFAS (the SVOCs concentrations were attributed to sediment entrained in the sample); and soil vapor is contaminated with petroleum-related VOCs and chlorinated solvent-related VOCs (CVOCs).

Elevated concentrations of petroleum-related contamination, SVOCs, metals, and to a lesser extent, pesticides and PFAS, were detected in soil/fill across the Site. Elevated concentrations of VOCs, and to a lesser extent, metals, and PFAS, were detected in groundwater on the western and southern portion of the Site, and elevated concentrations of petroleum-related VOCs and CVOCs were detected in soil vapor on the southern and western portions of the Site.

The petroleum-related contamination appears to be related to former gasoline stations on the Site, including former USTs and the associated NYSDEC Spill Nos 98-14075 and 01-11974 previously assigned to the Site. The petroleum contamination may be migrating off-site. Interim Remedial Measures (IRMs) were performed in 2022; however, the soil source of petroleum contamination remains.

The SVOCs, metals, and pesticides contamination appears to be related to historic fill. PFAS were detected in both soil and groundwater; however, based on the relatively low levels in soil (below RRGVs) is appears that an off-site source may be contributing to the PFAS detected in groundwater. The CVOCs detected in soil vapor are also likely a result of an off-site source since CVOCs were not detected in the soil and groundwater above their applicable standards.

2.8 Significant Threat

A significant threat determination to human health and the environment has not yet been made by NYSDEC and NYSDOH. Upon determination, notice will be provided for public review.

2.9 Site History

2.9.1 Past Uses and Ownership

Historic records indicate that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908 to 1935, and the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline USTs between 1944 and 2021.

Between at least 1979 and 2001, the Site was occupied by two gasoline filling stations along the northern and southern portions. Between 2003 and 2021, the Site was occupied by a single gasoline filling station in the central portion. Site operations ceased in November 2021, and all on-site buildings were demolished in July and August 2022. The Site is currently listed on the NYSDEC Petroleum Bulk Storage (PBS) database with three closed-removed 12,000-gallon gasoline USTs, and five closed-removed 4,000-gallon gasoline USTs.

DRAFT

Past owners of the Site include: Mobile Oil Corporation in 1979; Amoco Oil Company in 1990; BP Products North America Inc. in 2008; and 350 Rising LLC from 2021 to 2024. The current Site owner is 350 GC Property Owner LLC (from 2024 to present).

2.9.2 Sanborn Maps

Historical fire insurance (Sanborn) maps were reviewed for indications of past uses on or near the Site that may have resulted in the generation, usage, or disposal of hazardous waste. The Sanborn maps are summarized below and included as Appendix E.

Table F
Summary of Sanborn Maps

Year	Comments
1891	**Site:** The Site was developed with several two- to four-story dwellings. A street labeled Ridge Place ran through the Site. Grand Concourse was labeled as Mott Avenue. **Surrounding Properties:** The surrounding area was developed with several one- to four-story structures. The New York Central Railroad tracks, located on the east-adjacent block, were depicted as the Hudson River, New Haven, and Hartford Railroads. Several one- to four-story residential buildings were located to the north, south, east, and west of the Site, including a property labelled Color Works to the northwest. East 140th Street to the southwest of the Site was labeled as Cheever Place.
1908	**Site:** The northern portion of the Site was similar to the 1891 Sanborn Map. The southern portion was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures, with one labeled as the Engineers Office. Ridge Place was no longer noted. **Surrounding Properties:** The south-adjacent lot buildings were labeled as construction offices for the NYC and HR Railroad Co. The remainder of the Site block was sparsely developed with one- to -four story residential buildings and a wagon builder further south. The northern portion of the west-adjacent lot was depicted with multiple structures labeled as dry color works and a drug store. The public school on the northwestern block was labeled as Public School No. 31. A building labeled as a bakery was depicted north of the Site, and a surgical dressing factory was labeled northeast of the Site across the railroad tracks. A cabinet maker was located southeast of the Site across the railroad tracks. A machine shop and woodworking company were depicted further west.
1922-1928	**Site:** The Site was not depicted. **Surrounding Properties:** The surrounding area was divided into streets.

DRAFT

Year	Comments
1935	**Site:** The central portion of the Site was occupied by an auto sales yard with an office, and a one-story auto painting and repair building with an office and a paint shop. The northern and southern portions of the Site remained unchanged, with the exception of the NYC and HR Railroad Co., which was no longer labeled on the buildings. **Surrounding Properties:** The surrounding area was primarily automotive uses. The south- and east-adjacent lots on the Site block were developed with several auto repair, service, and painting shops. Two gasoline filling stations were noted further south, one with four 550-gallon gasoline USTs and the other with three 550-gallon gasoline USTs. The north-adjacent lot was developed with two five-story apartment buildings and Mott Avenue was renamed to Grand Concourse. The west-adjacent block contained: two separate two-story garages with two 550-gallon gasoline USTs each; a private garage and repair shop with three 550-gallon gasoline USTs; a Chevrolet service and show room with one 550-gallon UST; a one-story warehouse for storage of bottles and autos; and one remaining building from the dry color works structures. Further west, a fur dressing and dyeing company, a large baking company, a wagon repair shop, a machine shop, a printer, construction equipment sales and repair, and a carpet cleaning business were noted. A contractor yard was depicted north across East 144th Street, and the surgical dressing factory was now a vacant lot. The eastern block across the railroad tracks was developed with a machine shop, assembling room, blacksmith, private garage, auto house, and ice cream manufacturer with a 550-gallon UST. Further southeast, an auto repair shop with a 550-gallon gasoline UST, contractors' yards, a door and sash factory, and a casket shop were depicted. Southwest across Grand Concourse and East 140th Street, multiple auto garages with gasoline USTs, and auto repair shops were depicted.
1944-1947	**Site:** The Site was depicted with two separate gasoline filling stations. The northern filling station was noted with four gasoline USTs and the southern filling station was noted with five gasoline USTs. The central portion of the Site was occupied by a two-story residential building noted to be vacant in 1944, and an auto repair shop. All other structures on the Site were removed from the Sanborn map. **Surrounding Properties:** The structures on the south- and east-adjacent lots on the Site block were mostly no longer depicted, with the exception of the two auto repair shops to the south. The lots north-adjacent and further to the south were similar to the 1935 Sanborn map. The west-adjacent block remained mostly unchanged, and the garage on the corner of Grand Concourse and East 140th Street was now depicted as a gasoline filling station with five gasoline USTs. Further west, the wagon repair shop was replaced with a garage and a large laundry corporation with multiple structures depicted. The contractor yard to the north was now developed with a coal yard and office. The auto repair shops on the southeastern block across the railroad tracks were replaced with a garment factory, the casket shop was redeveloped with a plating company, and the door and sash factory was replaced with a welding business. Southwest across Grand Concourse and East 140th Street, the auto garages were replaced with a single filling station with seven gasoline USTs.
1951	**Site:** The central portion of the Site was depicted as auto sales, auto body repair, and upholstery. The remaining buildings were labeled similarly to previous Sanborn maps. **Surrounding Properties:** The east-adjacent lot on the Site block was depicted with a paint spraying structure. The reminder of the Site block appeared similar to the 1947 Sanborn map. The west-adjacent block remained mostly unchanged, other than the demolition of the northern-most structures and replacement with a parking lot. Further west, one of the vacant lots was developed with a laundry plant. The eastern and southeastern blocks across the railroad tracks remained mostly unchanged. Southwest across Grand Concourse and East 140th Street, a private garage was developed on a vacant lot and noted with two gasoline USTs.

DRAFT

Year	Comments
1977-1989	**Site:** The northern gasoline filling station was redeveloped and enlarged, replacing the previous filling station, residential building, and auto sales and repair shops. The southern portion of the Site remained unchanged. **Surrounding Properties:** The paint spraying structure was demolished on the east-adjacent lot, and the auto body repair shops and filling station to the south were reconfigured and expanded. An auto body shop was also observed east-adjacent to the Site between 1977-1978. By 1981, both gasoline stations to the south on the Site block were replaced with an auto repair shop and parking lots with no gasoline USTs noted. The west-adjacent block was developed with automotive uses and unnamed warehouses. In 1980, the central warehouse was depicted in the current configuration as the U-Haul Rental and Storage building. Further west and north, the blocks remained mostly unchanged; however, the carpet cleaner and coal yard were no longer depicted. The eastern block across the railroad tracks was now developed with a metal products warehouse, replacing the blacksmith and machine shops. Further southeast, the plating company was no longer depicted, and a filling station with parking was noted on Park Avenue until 1986. By 1989, the lot was noted as parking only. Southwest across Grand Concourse and East 140th Street, an auto service shop with no USTs was noted.
1991-2001	**Site:** The southern gasoline filling station was redeveloped on the western portion and a one-story store was depicted in the southeastern portion of the Site. The northern portion of the Site remained unchanged. **Surrounding Properties:** The Site block and the surrounding area appeared mostly unchanged from previous Sanborn maps, with some additional automotive related buildings in the southern portion of the Site block.
2002	**Site:** The Site buildings were demolished, and the lots were vacant. **Surrounding Properties:** The Site block and surrounding areas remained similar to the 2001 Sanborn Map.
2003-2007	**Site:** The Site was developed with a large central gasoline filling station and a one-story commercial store in the northern portion. **Surrounding Properties:** The Site block and surrounding areas remained similar to the 2002 Sanborn Map.

In summary, historical Sanborn maps indicated that the Site was developed with several two- to four-story dwellings as early as 1891. From 1908-1935, the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline USTs between at least 1944 and 2007.

Gasoline stations, auto repair and sales facilities with gasoline USTs, manufacturing, dry cleaners, auto garages, a coal yard, plating, a fur dressing and dyeing company, and painting facilities were noted in the surrounding area as early as 1891.

2.9.3 Previous Environmental Reports

Previous environmental reports are summarized below and included in Appendix C.

Phase I Environmental Site Assessment – 350 and 370 Grand Concourse, Bronx, NY, AKRF, October 2021

AKRF completed a Phase I Environmental Site Assessment (ESA) in October 2021 for the Site. The assessment revealed the following:

- The Site was observed to be a former gasoline service station, with three 12,000-gallon gasoline USTs within a tank field in the southeastern corner of the Site, two minimally

DRAFT

filled 55-gallon drums of a gasoline/water mixture in the rear yard of the convenience store, and nine gasoline pump dispenser islands in the center of the Site. Petroleum-like staining was observed on and around each of the gasoline pump dispenser islands and within the tank field area. Multiple monitoring wells and suspected soil vapor extraction (SVE) system wells were observed throughout the Site, most of which were in a damaged and/or decommissioned condition. Two out-of-service SVE system vaults with associated gauges and hoses were observed near the eastern property line. An unidentified drywell with an unknown discharge point was observed in the northwestern corner of the Site, behind the convenience store.

- The Site was identified on historical Sanborn maps, city directories, and local records, and in the following databases for current and former operations (including various automotive services/repair and petroleum storage/filling uses): NYSDEC Petroleum Spills, Resource Conservation and Recovery Act (RCRA) Generator/Transporter, NYSDEC PBS, and the Environmental Data Resources, Inc. (EDR) Historic Auto Station. NYSDEC Spill Nos. 98-14075 and 01-11974 remain open, which are associated with the Site.
- A review of the historical city directories, Sanborn maps, and regulatory databases identified numerous automotive, commercial, and dry cleaning/laundry uses on adjacent and surrounding blocks as early as 1891.

Subsurface (Phase II) Investigation Report – 350 and 370 Grand Concourse, Bronx, NY, AKRF, October 2021

AKRF prepared a SI Report (SIR) for the Site in October 2021. The investigation was conducted to determine whether current and/or former on-site or off-site activities had adversely affected the Site's subsurface. The investigation included: a geophysical investigation; advancement of 14 soil borings; retrofitting eight borings to permanent groundwater monitoring wells; installation of nine temporary soil vapor points; and collection and laboratory analysis of 28 soil, six groundwater, and nine soil vapor samples. Groundwater was encountered between approximately 12 and 18 feet bgs.

Subsurface materials consisted of historic fill (silt with sand, brick, and gravel) from ground surface to approximately 7 to 17 feet bgs generally underlain by either apparent native soil (silt, sand, and clay with gravel) to the terminus of the borings (between 13 and 25 feet bgs) or apparent weathered bedrock encountered between 7 and 20 feet bgs. Strong petroleum-like odors and elevated PID readings ranged up to 15,000 ppm (max. reading of the PID) were noted in borings SB-02, SB-03, SB-13, and SB-14 at depths ranging between 9 to 21 feet bgs and in SB-15 at a depth of 4 to 5 feet bgs.

A summary of the analytical results is as follows:

Soil

- Concentrations of one or more VOCs, specifically petroleum-related VOCs, exceeded their respective UUSCOs and PGWSCOs, but not their RRSCOs, in four soil samples at concentrations up to 48 mg/kg (n-propylbenzene). The VOCs were attributed to the former usage of the Site as a gasoline station and auto repair.
- The SVOCs dibenz(a,h)anthracene and indeno(1,2,3-c,d)pyrene exceeded their respective RRSCOs in one sample collected from the top 2 feet from soil boring SB-10 at concentrations up to 1.6 mg/kg (indeno(1,2,3-c,d)pyrene). These SVOCs are considered polycyclic aromatic hydrocarbons (PAHs), a class of compounds commonly found in ash, asphalt, and petroleum products, and may have been

DRAFT

attributable to the historic fill material observed in the boring at the corresponding depth, and/or former on-site automobile-related uses, including former USTs, along with the NYSDEC Spill Nos. 98-14075 and 01-11974.

- Barium, copper, and lead were detected at concentrations above their respective RRSCOs in three soil samples analyzed from within the historic fill layer at concentrations up to 1,970 mg/kg (copper). Elevated concentrations of other metals (hexavalent chromium, nickel, mercury, and zinc) were detected above the UUSCOs, but below the RRSCOs in multiple soil samples. These findings were attributed to the historic fill material observed in the borings at corresponding depths; however, the some of the metals detected could have been associated with the former Site usage of leaded-gasoline and/or former auto repair.
- PCBs (Aroclor 1248 and Aroclor 1254) were detected in two samples at concentrations above the UUSCOs, but below the RRSCOs at concentrations up to 0.44 mg/kg. The detected PCBs were attributed to historic fill material but may also be related to former auto repair usage/repair.
- Three pesticides (4,4'-DDE, 4,4'-DDT, and dieldrin) were also detected in samples exceeding the UUSCOs, but below the RRSCOs at concentrations up to 0.057 mg/kg (4,4'-DDT). The detected pesticides were attributed to historic fill material, which was observed in each of the borings.
- PFOS and PFOA were detected in one or more soil samples collected from the top 2 feet bgs at concentrations up to 11.8 ppb, which may have been attributable to the former Site usage as a gasoline station and auto repair and its fire suppression equipment and/or an off-site source. These PFAS compounds were detected at concentrations above the UUGVs, but below the RRGVs.

Groundwater

- Petroleum-related VOCs were detected above AWQSGVs in four groundwater samples at concentrations up to 17,000 µg/L (m,p-xylenes) located in the west-central and southern portions of the Site, downgradient of the former dispenser islands and tank field. The VOCs were attributed to the former Site usage as a gasoline station and auto repair.
- Two SVOCs (2,4-dimethylphenol and naphthalene) were detected above AWQSGVs in two groundwater samples at concentrations up to 420 µg/L (naphthalene) located in the west-central and southern portions of the Site, downgradient of the former dispenser islands and tank field. These SVOCs may have been attributable to the historic fill material encountered and/or with the open NYSDEC petroleum spills.
- Unfiltered (total) metals, including iron, magnesium, manganese, and sodium, were detected above AWQSGVs at concentrations up to 359,000 µg/L (sodium) in multiple groundwater samples, whereas the filtered (dissolved) sample exceedances were limited to magnesium, manganese, and sodium at concentrations up to 331,000 µg/L (sodium). The exceedances were likely indicative of natural conditions or representative of regional conditions.
- No PCBs or pesticides were detected in any of the groundwater samples collected.
- PFOS and PFOA were detected above their Screening Levels at concentrations up to 165 ppt in one or more groundwater samples, which may have been attributable to the

DRAFT

former usage of the Site as a gasoline station and auto repair and its fire suppression equipment and/or an off-site source.

Soil Vapor

- Concentrations of petroleum-related VOCs and CVOCs were identified in the soil vapor samples. The petroleum-related VOCs (concentrations up to 83,000 µg/m^3 of 2,2,4-trimethylpentane) were likely associated with the former on-site gasoline station and auto repair facility. CVOCs were detected in one or more samples at concentrations up to 650 µg/m^3 (PCE).

Remedial Investigation Work Plan – 350 Grand Concourse, Bronx, NY, AKRF, June 2022 (initially drafted December 2021 and finalized June 2022)

Under the BCP, AKRF prepared a RIWP for the Site. The RIWP proposed the collection of soil, groundwater, and soil vapor samples to further define the nature and extent of contamination in on-site soil, groundwater, and soil vapor. The RIWP scope included: a geophysical investigation followed by the advancement of 14 borings (with collection of two samples from each boring), the installation of five permanent groundwater monitoring wells with the collection and laboratory analysis of one groundwater sample from each, and the installation of six temporary soil vapor points with the collection and laboratory analysis of one soil vapor sample from each. This RIR summarizes the RI activities and the findings.

Interim Remedial Measure Work Plan – 350 Grand Concourse, Bronx, NY, AKRF, September 2022

AKRF prepared an IRM Work Plan (IRMWP) for the Site, which proposed: demolition of the existing site structures (specifically the pump island canopy, pump islands, convenience store, and kiosk) to enable completion of the RI detailed in the June 2022 RIWP; closure/removal of the three out-of-service 12,000-gallon gasoline USTs; removal of the former SVE system subgrade components; excavation and disposal of soil above RRSCOs to 2 feet bgs site-wide, and additional excavation to remediate petroleum-contaminated soil (source material) and soil hotspot in the northern portion of the Site containing elevated concentrations of lead (non-hazardous); implementation of a groundwater treatment program; and importation of clean backfill to establish site grades after excavation. The IRMWP was based upon the findings presented in previous investigations.

Phase I Environmental Site Assessment – 350 Grand Concourse, Bronx, NY, AKRF, November 2024

AKRF completed a Phase I ESA in November 2024 for the Site. The assessment revealed the following:

- The Site was identified on historical Sanborn maps, city directories, local records, and in the following databases for former operations, including various automotive services/repair as well as petroleum storage/filling: NYSDEC Petroleum Spills, RCRA Generator/Transporter, NYSDEC PBS, NYSDEC BCP, Aerometric Information Retrieval System Facility Subsystem, Facility Index System/Facility Registry System, Enforcement & Compliance History Information, New York and New Jersey Manifest, and EDR Historic Auto Station.
- The Site was enrolled in the BCP in 2022. Previous environmental investigations identified petroleum-related VOCs, SVOCs, metals, pesticides, and PFAS in soil; petroleum-related VOCs, SVOCs, metals, and PFAS in groundwater; and solvent- and

DRAFT

petroleum-related VOCs in soil vapor. The contamination appeared to be related to a combination of historic fill materials and historic Site operations, including gasoline station and auto repair. NYSDEC Spill Nos. 98-14075 and 01-11974 previously assigned to the Site remain open.

- Typical fire suppression equipment (fire extinguishers and sprinklers under a gasoline dispenser canopy) associated with the former gasoline station at the Site may have included the use of chemicals containing PFAS.
- The regulatory databases, historical Sanborn maps, City Directory listings, and the reconnaissance identified the following adjacent and nearby properties with some potential to have affected the Site subsurface:

  a. U-Haul, located at 350-368 Walton Avenue, west-adjacent to the Site across Grand Concourse, was listed with NYSDEC Spill Nos. 93-07897 and 00-12172 when BTEX- and MTBE-contaminated soil and groundwater were encountered during redevelopment activities at that property. This property was also listed in the RCRA- small quantity generators database for benzene, tetrachloroethylene, and ignitable waste between 1993 and 2023. Multiple rounds of groundwater sampling in 2001 and 2002 showed concentrations of BTEX and MTBE were decreasing. NYSDEC issued a No Further Action Letter for Spill Nos. 93-07897 and 00-12172 in 2002 and 2003, respectively.

  b. Former and/or current gasoline filling stations, automotive facilities, dry cleaners, a coal yard, plating, a fur dressing and dyeing company, painting facilities, and manufacturing facilities.

Interim Remedial Measure Modification Request for 350 Grand Concourse, Bronx, NY, AKRF, February 2025

AKRF prepared an IRM Modification Request in February 2025, which included the following:

- Provide an update to NYSDEC of the work performed in 2022 under the IRMWP by the Former Volunteer, which included: 1) all on-site structures were demolished (specifically, the canopy, dispenser islands, convenience store, and kiosk); 2) three out-of-service 12,000-gallon gasoline USTs, associated piping, and fuel dispensers were removed and documented in a Tank Closure Package and Report submitted to NYSDEC in November 2023; 3) the former SVE system subgrade components were removed; 4) a soil hotspot in the northern portion of the Site containing elevated concentrations of lead was removed; and 5) endpoint soil samples were collected in locations where excavation and removal activities occurred, which were surveyed by a NYS-licensed surveyor.
- Propose Site stabilization activities (disposal of the existing stockpiles generated in 2022 and partial backfill of the then current open IRM excavation areas);
- Confirm that a IRM Construction Completion Report (CCR) would be prepared to document the completed IRM activities (including the Site stabilization activities); and
- Defer the remedial activities not performed as proposed in the 2022 IRMWP until implementation of the full remedy (i.e., additional remedial excavation and groundwater treatment), which would be defined in the forthcoming RAWP that would be prepared following completion of the SRI.

DRAFT

The IRM Modification Request was approved by NYSDEC on March 18, 2025.

Supplemental Remedial Investigation Work Plan – 350 Grand Concourse, Bronx, NY, AKRF, April 2025

AKRF prepared a SRIWP, which proposed the collection of additional soil samples to further delineate the extent of soil contamination identified and fill data gaps to aid in the design of the proposed remedy. Concurrently, during the proposed SRI, soil waste characterization samples were collected for off-site disposal of contaminated Site soil. The SRI findings would be used to develop the Site remedy.

Interim Remedial Measure Construction Completion Report (DRAFT) – 350 Grand Concourse, Bronx, NY, AKRF, April 2025

AKRF prepared a CCR to document the IRM activities performed in accordance with the NYSDEC-approved IRMWP dated September 2022 and the IRM Modification Request letter dated February 20, 2025. These activities included: demolition of the existing Site structures; closure and removal of three out-of-service USTs, fill ports, and vent lines; removal of the former SVE system subgrade components; excavation for a soil hotspot in the northern portion of the Site containing elevated concentrations of lead (non-hazardous); and endpoint soil sampling in locations where excavation and removal activities occurred.

Remedial Investigation Report (DRAFT) – 350 Grand Concourse, Bronx, NY, AKRF, July 2025

AKRF prepared a RIR to document the findings of RI activities performed in 2022 and SRI activities performed in 2025. On January 31 through February 11, and October 24, 2022, the following RI scope of work was performed by AKRF:

1. The performance of a geophysical investigation across accessible portions of the Site.
2. The advancement of 14 borings with the collection and laboratory analysis of 28 soil samples.
3. The installation of four permanent groundwater monitoring wells with the collection and laboratory analysis of three groundwater samples.
4. The installation of six soil vapor points with the collection and analysis of six soil vapor samples.
5. The performance of a groundwater monitoring well elevation and location survey of the permanent monitoring wells.

On May 19 through May 22, 2025, the SRI scope was performed, which included the advancement of 42 borings with the collection and laboratory analysis of 109 soil samples. The SRI borings were also utilized to collect waste characterization samples, with the waste characterization data included in a separate report.

Soil

- VOCs - Acetone in 23 samples and ethylbenzene in one sample were detected above their respective PGWSCOs and UUSCOs, but below their RRSCOs at concentrations up to 0.29 mg/kg for acetone and at 9.8 mg/kg for ethylbenzene. According to the associated DUSRs, acetone is common laboratory contaminant but was not detected in the corresponding laboratory blanks; therefore, the data should be used with caution when making decisions regarding detections in field samples.

DRAFT

- SVOCs - Six PAHs (a subset of SVOCs) were detected at concentrations above their RRSCOs at concentrations up to 4.5 mg/kg [benzo(b)fluoranthene and chrysene]. An additional two PAHs [4-methylphenol and benzo(k)fluoranthene] were detected above their UUSCOs but below their RRSCOs.
- Metals - All 25 metals were detected in one or more of the soil samples analyzed. The following five metals were detected above their RRSCOs: barium (max. 1,630 mg/kg), cadmium (max. 4.5 mg/kg), copper (max. 282 mg/kg), lead (max. 1,240 mg/kg), and mercury (max. 43.2 mg/kg). Five other metals (arsenic, hexavalent chromium, nickel, and zinc) were detected above their UUSCOs but below their RRSCOs.
- PCBs were not detected in the soil samples analyzed.
- Three pesticides were detected in one or more of the soil samples at concentrations above the UUSCOs, but below their RRSCOs, up to 0.048 mg/kg (dieldrin).
- PFOS and PFOA were detected in one or more soil samples at concentrations above the UUGVs, but below the RRGVs, including: PFOS (max. 3.21 ppb) and PFAS (max. 0.92 ppb).
- Visual, olfactory, and PID soil screening of the soil borings indicated two petroleum hotspots to depths up to 20 to 25 feet bgs (terminus of the borings before refusal on apparent weather bedrock) in the western and southwestern portions of the Site.

Groundwater

- Seven VOCs were detected above their respective AWQSGVs in one sample, including: benzene (32 µg/L), isopropylbenzene (16 µg/L), m/p-xylenes (28 µg/L), MTBE (13 µg/L), n-propylbenzene (14 µg/L), sec-butylbenzene (5.2 µg/L), and toluene (7.8 µg/L).
- Twenty-five SVOCs were detected in one or more of the groundwater samples analyzed. Three SVOCs were detected at concentrations above their respective AWQSGVs in one sample: benzo(a)anthracene (max. 0.91 µg/L), benzo(a)pyrene (max. 0.62 µg/L), and phenol (max. 3.3 µg/L). These SVOC concentrations are believed to be attributed to sediment entrained in the sample, due to elevated turbidity (197 NTUs) that did not dissipate during low-flow purging and since the sample was an unfiltered sample.
- Twenty metals were detected in the total (unfiltered) groundwater samples, and five metals (iron, lead, magnesium, manganese, and sodium) were detected above the AWQSGVs in one or more samples. Total iron was detected in all samples and the blind duplicate sample at concentrations ranging up to 5,100 µg/L; lead was detected in two samples and the blind duplicate sample at concentrations up to 34.4 µg/L; magnesium was detected in all samples and the blind duplicate sample at concentrations ranging up to 52,500 µg/L; manganese was detected in all samples and the blind duplicate sample at concentrations ranging up to 366 µg/L; and sodium was detected in all samples and the blind duplicate sample at concentrations ranging up to 399,000 µg/L .
- Nineteen metals were detected in the dissolved (filtered) groundwater samples, and two metals (magnesium and sodium) were detected above the AWQSGVs in one or more samples. Dissolved magnesium was detected in all samples and the blind duplicate sample at concentrations ranging up to 52,400 µg/L; and dissolved sodium

DRAFT

was detected in all samples and the blind duplicate sample at concentrations ranging up to 486,000 µg/L.

- PCBs and pesticides were not detected above laboratory reporting limits in any of the groundwater samples.
- Eleven PFAS compounds were detected in one or more of the groundwater samples. PFOA and PFOS were detected in all three samples (and the blind duplicate sample) at concentrations ranging from 12.3 to 38.9 ppt, above their respective Screening Levels.

Soil Vapor

Five soil vapor samples were collected during the RI, and 37 VOCs were detected in one or more of the soil vapor samples analyzed. Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

VOCs associated with petroleum [including BTEX, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, butane, cyclohexane, MEK, methyl isobutyl ketone (4-methyl-2-pentanone), n-heptane, n-hexane, and MTBE] were detected in one or more samples at concentrations up to 670,000 µg/m^3 (2,2,4-trimethylpentane).

CVOCs (including carbon tetrachloride, cis-1,2-dichloroethylene, PCE, and TCE) were detected in one or more samples at concentrations up to 11 µg/m^3 (PCE).

As a preliminary assessment of the potential for soil vapor intrusion in future buildings at the Site, the soil vapor results were compared to Soil Vapor/Indoor Air Matrices A through F of the February 2024 Vapor Intrusion Decision Matrices updates to the NYSDOH *Final Guidance on Soil Vapor Intrusion.* Decision Matrices have been developed for the following 20 compounds: TCE, cis-1,2-DCE, 1,1-dichloroethene, carbon tetrachloride, PCE, 1,1,1-tetrachloroethane, methylene chloride, vinyl chloride, benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, heptane, hexane, and toluene. Since indoor air samples were not collected as part of the RI, the results were compared to the soil vapor matrix concentrations that correspond to a recommended action of "Mitigate", regardless of the corresponding indoor air concentrations. Of the VOCs detected in the soil vapor samples, 2,2,4-trimethylpentane (670,000 µg/m^3) and cyclohexane (32,000 µg/m^3) exceeded their respective NYSDOH matrix value of 600 µg/m^3 for mitigate, while heptane (44,000 µg/m^3) and hexane (240,000 µg/m^3) exceeded their respective NYSDOH matrix value of 2,000 µg/m^3 for mitigate.

2.10 Identification of Standards, Criteria and Guidance

The following remedial SCGs apply to the project and are the performance criteria used to determine whether the Remedial Action Objectives (RAOs) have been met:

- Soil – 6 New York Code of Rules and Regulations (NYCRR) Part 375 UUSCOs, RRSCOs, and PGWSCOs (for VOCs only) (December 2006); 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes; 6 NYCRR Part 376 - Land Disposal Restrictions; and 6 NYCRR Part 360 - Solid Waste Management Facilities.

DRAFT

contamination. Currently there are no on-site buildings where vapor intrusion may occur; however, soil vapor may be impacting off-site buildings.

Once redevelopment activities begin, there will be a potential exposure pathway from construction workers and inspectors coming into direct contact with surface and subsurface soil and fill as a result of construction and excavation activities. In addition, on-site construction workers could potentially ingest or inhale particulates and/or vapors from any exposed contaminated soil and fill. Similarly, off-site receptors could be exposed to particulates and vapors from on-site activities. Preparation and implementation of a Community Air Monitoring Plan (CAMP) and Health and Safety Plan (HASP) during redevelopment activities would prevent the potential exposure pathway from becoming complete. After Site redevelopment, direct contact with contaminants in sub-surface soil would be prevented by the building slab.

Once redevelopment of the Site has been completed (assuming no remediation), there could be a potential exposure pathway from the potential off-gassing of residual organic vapors in the soil and/or groundwater through cracks or openings in the foundations of the any new on-site building or an off-site building.

2.11.7 Overall Human Health Exposure Assessment

Although the Site is currently vacant, during redevelopment and remediation activities, there is a potential exposure pathway from remedial contractors and environmental professionals coming into direct contact from contaminated soil and to off-site receptors from particulates and vapors from on-site excavation activities. Any potential exposure pathway from contaminated surface soil/fill to construction workers or other off-site receptors will be controlled by implementation of a HASP and CAMP. Implementation of this RAWP will prevent the above-mentioned exposure pathways from becoming complete.

2.12 Remedial Action Objectives

Based on the results of the RI, the following RAOs have been identified for this Site.

2.12.1 Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.12.2 Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

DRAFT

RAOs for Environmental Protection

- Remove the source of ground or surface water contamination.

2.12.3 Soil Vapor

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site.

DRAFT

3.0 INTERIM REMEDIAL MEASURES

IRMs were performed at the Site from 2022 through 2025. These activities included: demolition of the existing Site structures; closure and removal of three out-of-service USTs, fill ports, and vent lines; removal of the former SVE system subgrade components; excavation for a soil hotspot in the northern portion of the Site containing elevated concentrations of lead (non-hazardous); and endpoint soil sampling in locations where excavation and removal activities occurred. These IRM activities were performed in accordance with the NYSDEC-approved IRMWP dated September 2022 and the IRM Modification Request letter dated February 20, 2025. At completion of the IRM activities, AKRF prepared a draft IRM CCR submitted to NYSDEC in April 2025 to document these IRM activities, which is included in Appendix C. The IRM activities are described in more detail in the sections below.

3.1 Removal of Former SVE System Subgrade Components

On October 25, 2022, AKRF oversaw the removal of the subsurface SVE system piping components in the northeastern portion of the Site. The former SVE system piping ran through a former UST area for five 4,000-gallon gasoline USTs that were previously removed. A maximum PID reading of 66 ppm was detected from this area when removing the former SVE system piping; however, no other signs of contamination were observed (e.g., visual, olfactory, etc.).

3.2 UST and Dispenser Closure Activities

Between October 24 and October 28, 2022, AKRF oversaw the removal of three 12,000-gallon USTs and associated subsurface UST piping components (including fuel lines to the former dispensers) in the southern and central-western portions of the Site. Approximately 400 gallons of contents (gasoline and water) were removed from the three USTs and transported to Advanced Wastewater Treatment Corp. (AWWT), Farmingdale, New York. After cleaning, an additional 175 gallons of gasoline and water mixture were removed from the USTs and transported to AWWT.

UST post-excavation sampling was completed in accordance with the DER-10, which consisted of the collection of six soil sidewall endpoint samples (IRM-EX-024 through IRM-EX-029) at a depth of 7.5 feet bgs: one from each of four sidewalls, with an additional sample collected from the eastern and western sidewalls. Due to the presence of a thick underlying concrete slab, collection of bottom endpoint samples was not feasible. Endpoint samples (IRM-EX-001 through IRM-EX-018) were collected beneath the locations of the former fuel dispenser piping associated with the USTs at depths of 3 to 4 feet bgs in accordance with DER-10, with a minimum of one sample for every 15 linear feet of piping.

A NYSDEC PBS Application and UST Closure Report were submitted to NYSDEC on February 2, 2023 (and resubmitted on November 3, 2023) to update the PBS database (PBS Facility ID # 2-600110) regarding the removal of the USTs.

3.3 Lead Hotspot Removal (Non-Hazardous)

An approximately 10-foot by 10-foot excavation to a depth of approximately 5 feet bgs was performed to remove a lead (non-hazardous) hotspot in the northern portion of the Site identified during the RI. The hotspot was identified at RI-SB-24_3-5_20220131, which had a total lead concentration above its RRSCO. The sample collected from the stockpile for waste characterization purposes had a toxicity characteristic leaching procedure (TCLP) lead concentration below the hazardous waste threshold; therefore, the material was managed and disposed of as non-hazardous material. Endpoint samples (IRM-EX-019 through IRM-EX-023) were collected at the excavation extents and submitted for analysis of lead using EPA Method 6010.

DRAFT

3.4 Contaminated Materials Removal

The contaminated materials removal portion of the IRM included the excavation and off-site disposal of: 1) on-site soil required for excavation and removal of the three 12,000-gallon USTs; 2) soil for removal of the dispenser fuel lines; and 3) soil for removal of the lead (non-hazardous) hotspot. All contaminated soil was removed in accordance with the IRMWP.

Soil was temporarily staged on top of and covered with polyethylene sheeting prior to off-site disposal. Soil was excavated to: 1) approximately 10 feet bgs on the southern portion of the Site for the removal of the USTs; 2) approximately 3 to 4 feet bgs in the central-western portions of the Site for the removal of fuel lines serving the former dispensers; and 3) approximately 5 feet bgs on the northern portion of the Site for removal of a lead (non-hazardous) hotspot.

Based on the results of waste characterization sampling performed, permitted disposal facilities were selected to receive excavated materials from the Site. Waste profiles, a disposal request letter, and analytical data were submitted to the intended receiving facilities and approval letters were obtained.

On March 20 and 21, 2025, 348.95 tons (approximately 230 cubic yards) of material were disposed of at off-site facilities.

DRAFT

4.0 SITE WASTE CHARACTERIZATION

Waste characterization sampling was conducted concurrently with the SRI to ensure handling, transportation, and disposal compliance and allow for direct loading of excavated soil into trucks. Sampling was conducted to achieve an approximate frequency of one sample per 700 cubic yards at a minimum, and equal spatial representation across the Site.

On May 19 through 22, 2025, AKRF oversaw the advancement of borings within grids designated as A1 through A4 and B1 through B4 to depths up to 24 feet bgs to profile material in approximately 75-foot by 50-foot grids. Taking into consideration the proposed excavation plan (for the building and remedial excavation) and the Site's topography, sample depths were chosen to separately characterize each grid vertically in three intervals to 15 feet bgs (0 - 5 feet bgs, 5 - 10 feet bgs, and 10 - 15 feet bgs), with the exception of grid A4 at 10 - 15 feet bgs, due to all four borings in this grid encountering bedrock before 10.5 feet bgs. Furthermore, soil was characterized beyond the proposed construction excavation depth of 15 feet bgs to characterize two petroleum hotspots where the remedial excavation could extend deeper than the construction excavation in grids B1/2 and B3/4.

A Waste Characterization Report, dated July 2024, was prepared following completion of the waste characterization sampling and receipt of laboratory data. The report provides a summary of the analytical results, analytical data tables for all reported constituent compounds, a sample location map, and an interpretation of the data. The Waste Characterization Report will be submitted to the proposed disposal facilities considering accepting on-site soil/fill and is included as Appendix F.

DRAFT

5.0 DESCRIPTION OF REMEDIAL ACTION PLAN

5.1 Evaluation of Remedial Alternatives

This section includes a review of remediation alternatives that were considered for the remedy phase of the BCP. The purpose of completing the alternatives analysis is to identify, evaluate, and select a remedy to address the contamination identified by in the RIR. The RAOs for groundwater and soil include source removal to prevent the potential for exposure and contaminant migration. The RAOs for soil vapor include preventing soil vapor from entering the proposed new Site building. The following performance measures were used to complete the evaluation of remedial alternatives:

- Protection of human health and the environment;
- Compliance with SCGs;
- Short-term effectiveness and impacts;
- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume of contaminated material;
- Implementability;
- Cost effectiveness;
- Community acceptance; and
- Land use.

The following remedial SCGs apply to the project, and are the performance criteria used to determine if the RAOs have been met:

- 6 NYCRR Part 375-6 Soil Cleanup Objectives
- NYS Groundwater Quality Standards – 6 NYCRR Part 703
- NYSDEC AWQSGVs – TOGS 1.1.1
- NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation – December 2002 (or later version if available)
- NYSDEC Draft BCP Guide – May 2004
- NYSDOH Generic Community Air Monitoring Program
- NYS Waste Transporter Permits – 6 NYCRR Part 364
- NYS Solid Waste Management Requirements – 6 NYCRR Part 360 and Part 364
- DER-23 (January 2010)
- 6 NYCRR Part 372 – Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)
- 6 NYCRR Subpart 374-1 – Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)
- 6 NYCRR Subpart 374-3 – Standards for Universal Waste (November 1998)
- 6 NYCRR Part 375 – Environmental Remediation Programs (December 2006)

DRAFT

- 6 NYCRR Part 612 – Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 – Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 – Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 40 CFR Part 280 – Technical Standards and Corrective Action Requirements for Owners and Operators of USTs
- 29 CFR Part 1910.120 – Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 – Underground Injection Control Program
- NYSDOH Soil Vapor Intrusion Matrix – NYSDOH Sub-Slab Vapor Concentration which may require monitoring or mitigation ("NYSDOH Vapor Intrusion Guidance Document") (October 2006, updated February 2024)
- NYSDEC Sampling, Analysis, and Assessment of PFAS (January 2021).
- NYSDEC DER-31 – Green Remediation (January 2011)

Additional regulations and guidance may be applicable, relevant, and appropriate to the remedial alternatives and will be complied with in connection with implementation of the remedial program. The list above is intended to represent the principal SCGs, which should be considered in evaluating the remedial alternatives for the Site.

Remedial Alternative 1 – Track 1 Unrestricted Use Soil Cleanup Objectives

This alternative would include removal and/or treatment of all on-site contaminated soil and groundwater to comply with UUSCOs and AWQSGVs and eliminate any vapor intrusion pathways.

Removal and/or treatment of all on-site contaminated soil to comply with UUSCOs would require excavation to a minimum of 15 feet bgs across the Site, with additional excavation to 20 to 25 feet bgs to remove the two petroleum hotspots. Final excavation depths would be determined based upon the results of endpoint soil samples collected Site-wide. The soil removal/treatment would eliminate the on-Site sources of groundwater and soil vapor contamination. However, the PFAS groundwater contamination is likely attributed, in part, to off-site sources; and the CVOC soil vapor contamination appears to be attributed in full by off-site sources due their absence in the on-site soil and groundwater. Groundwater would require treatment to remediate groundwater to AWQSGVs, and may require specialized treatment technologies to address PFAS. The off-site CVOC soil vapor contamination could be ongoing source for on-site vapor intrusion.

1. Protection of Human Health and the Environment – Partially satisfied, as all soil above UUSCOs would be removed, which would remove any sources of on-site sources of groundwater contamination, thus removing any on-site sources of VOCs in soil vapor. The groundwater petroleum and PFAS contamination would be treated to meet AWQSGVs. However, the off-site source of CVOCs in soil vapor could act as an ongoing source of on-site vapor intrusion.
2. Compliance with SCGs – Partially satisfied, as all soil above UUSCOs would be removed and groundwater would be restored it to pre-release conditions (when considering the petroleum contamination associated with NYSDEC Spill Nos. 98-14075 and 01-11974), thus removing the source of petroleum-related VOCs in soil vapor. Additionally, NYSDEC Spill Nos. 98-14075 and 01-11974 would be closed. However, it may be difficult to achieve the cleanup standards for PFAS in groundwater since they attributed, in part, to off-site sources; in addition

DRAFT

it the off-site CVOC soil vapor contamination could be ongoing source for on-site vapor intrusion.

3. Short-term Effectiveness and Impacts – Effective in reducing soil contamination in the short-term, as all contaminated soil would be removed from the Site. There is, however, a risk of short-term impacts to Site workers and the community, as the process of excavating contaminated soil may cause the release of particulates and organic vapors. This risk can be controlled by employing a CAMP and a HASP during remediation and construction.
4. Long-term Effectiveness and Permanence – Partially satisfied, as all soil above UUSCOs would be removed and VOCs in groundwater would be remediated to comply with AWQSGVs, which would lead to a reduction of soil vapor concentrations, and could allow for unrestricted use of the Site. However, off-site sources of PFAS in groundwater and CVOCs in soil vapor contamination could migrate back on to the Site following the remedial action.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Satisfied, as all soil above UUSCOs at the Site would be removed and contaminant levels in groundwater would be greatly reduced as the on-site sources of contamination would be removed and significant dewatering would be performed to excavate all soil above UUSCOs; therefore, the toxicity, mobility, and the volume of contaminants would be greatly reduced. Additionally, as the on-site source of soil vapor contamination would be removed, the concentrations of contaminants in soil vapor would be reduced.
6. Implementability – Not Satisfied, All soil above UUSCOs at the Site would be removed and contaminant levels in groundwater would be greatly reduced as the on-site sources of contamination would be removed and dewatering would be performed to excavate all soil above UUSCOs. Remediating the groundwater to AWQSGVs may take multiple treatment events to achieve over an extended period of time, and may be difficult to achieve since the PFAS are partially attributed to an off-site source. The soil/fill to be excavated and disposed of off-site will be classified as regulated soil. Disposal/treatment facilities that can accept this type of materials are readily available. However, the PFAS groundwater contamination could require specialized treatment methods. The off-site CVOC soil vapor contamination could be an ongoing source for on-site soil vapor intrusion; therefore, a Track 1 cleanup is not implementable since an Engineering Control would be required to address the offsite CVOC contamination in soil vapor.
7. Cost Effectiveness – Not cost-effective, the structural support required to excavate the entire Site of fill exceeding UUSCOs would be achievable, with the exception of the northern portion of the Site where the north-adjacent building limits the depth of support of excavation (SOE) to about 5 feet bgs. Groundwater would require substantial treatment to address the PFAS contamination.

   Under this alternative, it is assumed that approximately 21,000 cubic yards (33,600 tons) of contaminated soil would be excavated and disposed of off-site, based on the data collected to date. The market rate for the transportation and disposal of non-hazardous, regulated soil (including petroleum contamination) ranges from $60 to $90 per ton, with a blended disposal rate of $75 per ton anticipated for the remediation. Therefore, the soil disposal costs for this project would be on the order of $2,520,000. Approximately 4,100 cubic yards of clean fill would then have to be imported prior to building construction to backfill areas excavated to the subgrade level required for Site redevelopment. Using a market rate of $35 per cubic yard of clean fill, this equals approximately $143,500.

   In-situ chemical oxidation (ISCO) groundwater treatment is estimated to be approximately $500,000.

DRAFT

Site preparation costs associated with this remedial action (e.g., installation of support of excavation, excavation equipment/labor, dewatering, added site safety/security measures, legal/engineering fees) would be significantly more when compared to Remedial Alternative 3, discussed below. Dewatering for construction would facilitate remediation of groundwater to AWQSGVs from on-site sources. For the purpose of evaluating cost for this remedial alternative in this RAWP, site preparation costs are estimated to be $4,900,000.

The total estimated cost for this alternative was $8,063,500 as detailed in Table 1.

8. Community Acceptance – Satisfied, as this alternative would be protective of human health and the environment; however, it would take a significant amount of time and have the longest impact on the community.
9. Land Use – Satisfied, as this alternative would result in the cleanup of the Site for unrestricted use, which would allow for any type of future redevelopment that is permitted by zoning.
10. Environmental Footprint Analysis – Satisfied, as this alternative would incorporate green and sustainable remediation principles, although it would have a bigger environmental footprint than other alternatives due to the higher number of truck trips associated with removing the larger soil volume. An environmental footprint analysis for this alternative is included in Appendix G, which was completed using a NYSDEC-accepted environmental footprint analysis calculator. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction, and material use were estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, were incorporated.
11. Climate Change Vulnerability Assessment – Satisfied, the impact of climate change on the Site and the proposed remedy under this alternative was evaluated. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise were identified, and this alternative would incorporate measures to minimize the impact of climate change on potential identified vulnerabilities. The climate vulnerability assessment for this alternative is included in Appendix H.

Remedial Alternative 2 – Track 2 Cleanup with Contingent Track 4 Cleanup

Alternative 2 would include removal of all soil/fill exceeding RRSCOs within the upper 15 feet bgs. It is expected that this will require excavation to approximately 5 feet bgs across the entire site, with three hotspots to remove historic fill contaminants above RRSOCs to depths of approximately 8.5 to 11 feet bgs, and two petroleum hotspots excavated to depths up to 20 to 25 feet bgs. Final excavation depths would be determined based upon the results of endpoint soil samples collected Site-wide. The sources of NYSDEC Spill Case Nos. 98-14075 and 01-11974 would be removed during the remedial excavation of the two petroleum hotspots. Since the on-site sources of groundwater contamination would be removed, residual dissolved petroleum-related contamination in groundwater would be addressed with direct placement of a Regenesis Oxygen Release Compound® (ORC) to treat the groundwater at the base of the excavation in the petroleum hotspots before backfilling. Five rounds of quarterly groundwater monitoring will be performed following the Remedial Action to evaluate performance of the remedy. The Site Management Plan (SMP) will provide more details concerning the groundwater monitoring program. In addition, a minimum 20-mil vapor barrier membrane would be installed under the new building slab to mitigate potential soil vapor intrusion.

1. Protection of Human Health and the Environment – Satisfied, as on-site sources of contamination would be removed and any significant residual contamination would be

DRAFT

addressed by natural attenuation and a groundwater treatment program implemented in conjunction with remedial excavation. The contingency site composite cover system and sub-slab vapor barrier would prevent exposure to potential residual contamination is soil and/or soil vapor. In areas where the Track 2 cleanup cannot be achieved due to SOE and dewatering limitations, a Track 4 cleanup would be implemented for those localized areas, which would include a composite cover system consisting of a minimum of 6-inch concrete slabs or paving or 2 feet of clean soil. Any tanks and associated piping would be removed.

2. Compliance with SCGs – Satisfied, as all sources of contamination would be removed and accessible soil would comply with RRSCOs. Additionally, NYSDEC Spill Case Nos. 98-14075 and 01-11974 would be closed.
3. Short-term Effectiveness and Impacts – Satisfied, as this alternative would be effective in reducing soil/fill contaminant levels in the short term. Mitigation measures, including a HASP and CAMP, would protect and limit the exposure of workers and the surrounding community to contaminated soil, particulates, groundwater, and/or soil vapors during soil removal.
4. Long-term Effectiveness and Permanence – Satisfied, as removal of sources of contamination and the installation and maintenance of Institutional and Engineering Controls, as needed (including installation of a vapor barrier membrane and contingency cover system in potential Track 4 areas), would limit exposure of future occupants to any remaining contaminated soil/fill, groundwater, and/or soil vapor, thus achieving the RAOs.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Satisfied, as the volume of contaminants at the Site would be significantly reduced. Removal of most source material in soil/fill would reduce residual contaminant mobility into groundwater and soil vapor.
6. Implementability – Satisfied, as contaminated soil removal and installation of Engineering Controls (if necessary) could be completed in a relatively short timeframe and the equipment and personnel needed to perform the proposed remedial actions are readily available. The soil/fill to be excavated and disposed of off-site will be classified as regulated soil. Disposal/beneficial reuse facilities that can accept these types of materials are readily available.
7. Cost Effectiveness – Satisfied, as this alternative is the most cost effective.

   Under this alternative, it is assumed that approximately 11,600 cubic yards, or 18,600 tons, of contaminated soil would be excavated and disposed of off-site, based on the data collected to date. The market rate for the transportation and disposal of non-hazardous, regulated soil (including petroleum contamination) ranges from $60 to $90 per ton, with a blended disposal rate of $75 per ton anticipated for the remediation. Therefore, the soil disposal costs for this project would be approximately $1,395,000. Approximately 3,700 cubic yards of clean fill would then have to be imported prior to building construction to backfill excavated areas to the subgrades required for Site redevelopment. Using a market rate of $35 per cubic yard of clean fill, this equals approximately $129,500.

   A groundwater treatment program is estimated to be approximately $100,000.

   The vapor barrier is assumed to cost $6 per square foot to install under the approximately 31,100-square foot (SF) building slab and 12,300-SF foundation walls, totaling approximately $260,400.

   Site preparation costs associated with this remedial action (e.g., installation of support of excavation, excavation equipment/labor, dewatering, added site safety/security measures, legal/engineering fees) total approximately $3,450,000.

DRAFT

The estimated cost for this alternative was $5,334,900 as detailed in Table 2.

8. Community Acceptance –Satisfied, as this alternative would result in a more expedited cleanup of the Site while creating additional affordable housing options in the neighborhood area, which is part of a mayoral initiative set forth in NYC.
9. Land use – Satisfied, as this alternative would result in the cleanup of the Site to the RRSCOs, allowing for its redevelopment for multi-family residential use, consistent with current zoning.
10. Environmental Footprint Analysis – Satisfied, as this alternative would incorporate green and sustainable remediation principles. An environmental footprint analysis for this alternative is included in Appendix G, which was completed using a NYSDEC-accepted environmental footprint analysis calculator. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction, and material use were estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, were incorporated.
11. Climate Change Vulnerability Assessment – Satisfied, the impact of climate change on the Site and the proposed remedy under this alternative was evaluated. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise were identified, and this alternative would incorporate measures to minimize the impact of climate change on potential identified vulnerabilities. The climate vulnerability assessment for this alternative is included in Appendix H.

5.2 Selection of the Preferred Remedy

Remedial Alternative 1 (Track 1) was reviewed and found to be unacceptable, since it is not as cost-effective as Alternative 2 and has challenges to implement within the project's timeframe. Therefore, Remedial Alternative 1 (Track 1) is not considered a feasible solution.

Remedial Alternative 2 (Track 2 with a Track 4 contingency) achieves the RAOs while being more feasible to implement, cost-effective, and better aligns with the project's timeline. After careful consideration with respect to the evaluation criteria listed, Remedial Alternative 2 is determined to be the preferred remedy, since it adequately addresses the subsurface contamination with the most cost-effective approach.

5.2.1 Zoning

The Site is zoned as C6-2A (commercial) with an R8A (residential) equivalent. The proposed use is consistent with existing zoning for the Site. The NYC Department of City Planning (NYCDCP) assigned an E-Designation (E-442) to the Site for hazardous materials, air quality, and noise as part of the Lower Concourse Rezoning, which was adopted in 2009. The E-Designation program is administered by NYCOER. Currently, the Site is a vacant partially concrete-paved lot with no structures. The Site was previously developed with a gasoline service station that included a one-story convenience store, a sales kiosk, and a canopy covered gasoline dispenser area, which ceased operations in November 2021. All on-site buildings were demolished in July through August 2022.

5.2.2 Applicable Comprehensive Community Master Plans or Land Use Plans

The proposed redevelopment plan is consistent with existing zoning and land use patterns in the surrounding area, and there are no existing neighborhood plans or policies in effect that include the proposed redevelopment site. The neighborhood where the proposed redevelopment site is located is represented by Bronx Community Board No. 1, and

DRAFT

currently has a number of capital projects; however, the proposed redevelopment site would not contradict or interrupt any of those projects. Furthermore, the proposed redevelopment incudes a grocery store for the community.

5.2.3 Surrounding Property Uses

The Site is bounded to the north by a three-story residential building and a five-story apartment building, followed by East 144th Street; to the east by a vacant vegetated area, followed by Metro North Railroad tracks; to the south by a nine-story hotel, followed by various automotive repair shops; and to the west by Grand Concourse, followed by a U-Haul Storage and Moving facility. The Harlem River is the nearest surface water body, located approximately 1,000 feet southwest of the Site.

The surrounding area is developed primarily with automotive, commercial, transit, and residential uses. The underground NYCT subway tracks for the 4- and 5-Trains run beneath Grand Concourse, located west-adjacent to the Site.

Four schools (Community School for Social Justice and Health Opportunities High School both at 350 Gerard Avenue, Family Life Academy Charter School III at 370 Gerard Avenue, and KIPP NYC College Prep High School at 201 E. 144th Street) are located within 500 feet of the Site. There are no daycare or health care facilities located within 500 feet of the Site. The surrounding land usage is presented on Figure 3.

5.2.4 Citizen Participation Plan

A Citizen Participation Plan (CPP), submitted to NYSDEC for review in May 2022, was approved in June 2022. The contemplated remedy complies with the CPP. The approved CPP is provided as Appendix I.

5.2.5 Environmental Justice

The Site is located in an Environmental Justice Area. Environmental justice is defined as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. Environmental justice efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities.

The Site is 100% located in an En-Zone. The Site is also located in the Port Morris Harlem Riverfront Brownfield Opportunity Area (BOA).

5.2.6 Land Use Designations

The proposed redevelopment plan complies with the current land use designation for this Site. The proposed future use of the Site includes affordable housing and commercial uses (a grocery store). This use is consistent with anticipated land use designations for the Site.

5.2.7 Population Growth Patterns

The population requiring affordable housing in NYC is expected to increase in the future. This project will help provide necessary affordable housing units to meet that need and will also be in conformance with the Port Morris Harlem Riverfront BOA and the Mayor's Housing New York: A Five-Borough, Ten Year Plan.

DRAFT

The Site is part of the Bronx County Census Tract 51. According to the 2019 American Community Survey 5-year Profile data, 53.1% of the population in Census Tract 51 are living below the poverty line. The unemployment rate for the Bronx is 13.9% (as of September 2021), compared to NYC unemployment rate of 9.8% (as of September 2021) and the national unemployment rate of 4.8% (as of September 2021).

5.2.8 Accessibility to Existing Infrastructure

The Site is located within one block of stations for the NYCT 4- and 5-Trains (138 Street - Grand Concourse and 149 Street - Grand Concourse), and the Bx1 and BxM4 bus lines. The area is also served by municipal sewers and water, electric, telephone, natural gas, and fiber-optic lines.

5.2.9 Proximity to Cultural Resources

Cultural resources, easily accessed from the Site via public transportation, include various parks, historic sites, museums, and landmarks.

5.2.10 Proximity to Natural Resources

The Site is located in an area of Bronx that does not contain a significant source of natural resources. However, natural resources such as parks and the waterfront are easily accessible from the Site via public transportation, and additionally includes Randall's Island, St. Mary's Park, Mill Pond Park, and Franz Sigel Park.

5.2.11 Off-Site Groundwater Impacts

Based on Site-specific groundwater elevation contour maps, provided as Figure 4, groundwater flows in a generally southwesterly direction beneath the Site. Thus, the contaminants in groundwater could migrate off-site to the southwest. As a Volunteer in the BCP, it is not required to address off-site groundwater impacts. The proposed remedy is intended to remove the source in soil and treat groundwater contamination, thereby preventing any (further) off-site migration of contaminated groundwater.

5.2.12 Proximity to Floodplains

The Site is not located within a floodplain.

5.2.13 Geography and Geology of the Site

Surface topography at the Site is generally level at an elevation of approximately 32 to 38 feet NAVD88, and slopes gently down to the south.

The stratigraphy of the Site consisted of fill to approximately 4 to 20 feet bgs, characterized by silt with sand, brick, gravel, asphalt, and glass across the Site. The fill was generally underlain by either apparent native soil (silt, sand, and clay with gravel) to the terminus of the borings (5 to 25 feet bgs) or apparent weathered bedrock encountered between 5 to 24 feet bgs.

Based on site-specific measurements of the monitoring wells on February 11, 2022, the groundwater elevation across the Site ranges from approximately 14.5 to 21.5 feet (NAVD88), or from approximately 13.9 to 18.1 feet bgs. The inferred groundwater flow direction is southwesterly as shown on Figure 4. Groundwater in the Bronx is not used as a source of drinking water.

DRAFT

5.2.14 Current Institutional Controls and Engineering Controls

Currently, the Institutional Control at the Site is the NYCOER E-Designation. No other Institutional or Engineering Controls are known.

5.3 Summary of Selected Remedial Actions

Remedial activities will be performed at the Site in accordance with this RAWP and the forthcoming NYSDEC-issued Decision Document (DD). All deviations from this RAWP and/or the DD will be promptly reported to NYSDEC for approval and will be fully explained in the Final Engineering Report (FER). The remedy includes the following elements:

1. A remedial design will be prepared to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and Site management of the remedy, as per the DER-31. The major green remediation components are as follows:
    a. Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
    b. Reducing direct and indirect greenhouse gases and other emissions;
    c. Increasing energy efficiency and minimizing use of non-renewable energy;
    d. Conserving and efficiently managing resources and materials;
    e. Reducing waste, increasing recycling, and increasing reuse of materials which would otherwise be considered a waste;
    f. Maximizing habitat value and creating habitat when possible;
    g. Fostering green and healthy communities and working landscapes which balance ecological, economic, and social goals; and
    h. Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

    As part of the remedial design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use were estimated, as well as goals for the project related to these green and sustainable remediation metrics. The project design specifications include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the Remedial Action and reported in the FER, including a comparison to the included goals. Additionally, the remedial design program includes a climate change vulnerability assessment to evaluate the impact of climate change on the Site and the proposed remedy.
2. Demolition and abatement (e.g., asbestos, universal waste, etc.) of any remaining building materials or foundations from the former gasoline station.
3. Excavation and off-site disposal of all soil within the upper 15 feet that has contaminants above RRSCOs and of all soil that has petroleum-related VOCs above PGWSCOs to achieve a Track 2 remedy. At a minimum, this would consist of 5-foot excavation across the Site, with removal of three hotspots where historic fill contaminants exceed RRSCOs to depths of approximately 8.5 to 11 feet bgs, and two petroleum hotspots to depths of 20 to 25 feet bgs. It is estimated that approximately 18,500 cubic yards of contaminated soil will be removed from the Site.

DRAFT

4. Collection and laboratory analysis of confirmatory endpoint samples across the Site at the remedial excavation depth to document remaining concentrations of contaminants in soil after remedial excavation is complete. Endpoint sampling will occur around any additional areas of concern identified during the remedial action based on the sampling frequency outlined in Section 5.4 of DER-10.
5. A contingency plan for discovery of an unknown source of contamination or areas of concern that may require remediation (further described in Section 7.4.10).
6. Any unknown/unregistered tanks and associated piping, other structures associated with a source of contamination, and/or grossly contaminated soil/fill, if encountered, will be removed in accordance with applicable regulations.
7. Installation of SOE necessary to enable excavation of contaminated soil/fill. SOE installation will comply with applicable local and state-controlled inspections.
8. A site-specific HASP and CAMP will be implemented during all ground-intrusive Site activities, which includes soil disturbance and loading activities, to monitor levels of VOCs and airborne particulates within the active work zones and around the perimeter of the Site.
9. Screening for indications of contamination (by visual means, odor, and monitoring with a PID) of soil during all ground-intrusive Site work, including soil disturbance and loading activities.
10. Characterization and off-site disposal of all materials removed from the Site in accordance with all Federal, State, and local rules and regulations for handling, transport, and disposal. Waste disposal facilities will be selected based on the data collected to date and the results of the planned waste classification sampling.
11. Importation of clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) to replace the excavated soil and/or to establish the design grades or to backfill over-excavated areas. On-site soil that does not exceed RRSCOs for any compound or PGWSCOs for VOCs may be used on-site to backfill the excavation areas or re-grade the Site. Soil exceeding the UUSCO for 1,4-dioxane will not be imported, per DER-10: Appendix 5 - Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e). If PFOA or PFOS are detected in any sample at or above the RRGVs, it will also be tested by the Synthetic Precipitation Leaching Procedure (SPLP). If the SPLP concentrations of PFOA and PFOS are at or above 10 ppt, the soil will not be reused or imported. Analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC via a *Request to Import/Reuse Soil or Fill* form for review and approval prior to importation and placement on-site. All imported soil or soil proposed for reuse requires NYSDEC review prior to on-site placement. Excavated bedrock from the Site may be reused below the composite cover system (if one is necessary) without the need for sampling unless unsuitable due to visual, olfactory, and/or PID readings indicate contamination.
12. Installation of a minimum 20-mil thick vapor barrier membrane beneath the new building slab and behind the subgrade foundation walls to mitigate soil vapor intrusion in the building.
13. Dewatering in accordance with all federal, state, and local regulations, as necessary, to enable the remedial excavation activities.
14. Groundwater treatment will be performed. This program will consist of surface application of a ORC at the base of remedial excavation in the petroleum hotspots to address groundwater contamination associated with NYSDEC Spill Nos 98-14075 and 01-11974. The ORC application will address potential residual contamination in soil at/below the water table. Following groundwater treatment, three permanent 2-inch diameter polyvinyl chloride (PVC)

DRAFT

groundwater monitoring wells will be installed at the Site to monitor petroleum-related VOC concentrations. Five rounds of quarterly groundwater sample collection will be implemented at the Site, [including at least one prior to receipt of Certificate of Completion (COC) and up to four under Site Management].

15. Recording of an Environmental Easement with the NYC Register to prevent future exposure to any residual contamination remaining at the Site. The Environmental Easement will: require the remedial parties/Site owners to complete and submit a periodic certification of Engineering Controls and Institutional Controls to the NYSDEC in accordance with Part 375-1.8 (h)(3); allow the use and development of the Site for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; restrict the use of groundwater as a source of potable or process water without necessary water quality treatment, as determined by NYSDOH; and require compliance with a Site-specific NYSDEC-approved SMP.
16. Preparation of an SMP for long term management of residual contamination as required by the Environmental Easement including plans for: 1) Engineering Controls and Institutional Controls, 2) monitoring (including groundwater monitoring), 3) operation and maintenance, and 4) reporting.
17. If Track 2 restricted residential use cleanup is not achieved in certain areas due to SOE limits, the remedy will achieve a Track 4 cleanup in those area. The contingent Track 4 cleanup would require many of the same elements as the Track 2 restricted residential cleanup, and also the following elements:

    - Construction and maintenance of a composite cover system to prevent human exposure to residual contaminants in soil/fill remaining under the Site, which will consist of: 1) concrete building foundations underlain by a minimum 20-mil vapor barrier membrane, which doubles as a demarcation barrier, in areas within the building footprint; and/or 2) paved surfaces underlain by a demarcation barrier in roadway and sidewalk areas. Any fill material brought to the Site will meet the Soil Cleanup Objectives (SCOs) for cover material as set forth in 6 NYCRR Part 375-6.7(d).
    - Inclusion of soil management provisions in the SMP, including an Excavation Work Plan.

DRAFT

6.0 REMEDIAL ACTION PROGRAM

6.1 Governing Documents

6.1.1 Site Specific Health and Safety Plan

A Site-specific HASP has been prepared for the Site and is included in Appendix J. All remedial work performed under this plan will be in full compliance with governmental requirements, including Site and worker safety requirements mandated by the United States Occupational Safety and Health Administration (OSHA).

The Volunteer and associated parties preparing the remedial documents submitted to the State and those performing the construction work, are completely responsible for the preparation of an appropriate Health and Safety Plan and for the appropriate performance of work according to that plan and applicable laws.

The HASP and requirements defined in this RAWP pertain to all remedial and invasive work performed at the Site until the issuance of the COC.

6.1.2 Quality Assurance Project Plan

Sampling associated with the Site will be conducted in accordance with the Quality Assurance Project Plan (QAPP) included as Appendix K, which details field screening and sampling methodologies, sample submittal to the laboratory, and reporting requirements. The QAPP includes the project team responsible for implementing the remediation requirements and provisions set forth in this RAWP. All samples will be reported with Category B deliverables and Environmental Quality Information System (EQuIS)™ Electronic Data Deliverables (EDDs), with the exception of disposal sampling.

6.1.3 Construction Quality Assurance Plan

The Construction Quality Assurance Plan (CQAP), provided as Appendix L, provides a detailed description of the observation and testing activities that will be used to monitor construction quality and confirm that remedial construction is in conformance with the remediation objectives and specifications.

6.1.4 Soil/Materials Management Plan

A Soil/Materials Management Plan (SMMP) is included in Section 7.4 of this RAWP. The SMMP includes detailed plans for managing all soils/materials that are disturbed at the Site, including excavation, handling, storage, transport, and disposal. It also includes all of the procedures that will be applied to ensure effective, nuisance-free performance in compliance with all applicable Federal, State, and local laws and regulations.

6.1.5 Erosion and Sediment Control Plan

Erosion and sedimentation control measures will be implemented during remedial/redevelopment activities at the Site in accordance with a Stormwater Pollution Prevention Plan (SWPPP). The SWPPP will be submitted to and approved by the New York City Department of Environmental Protection (NYCDEP) before the commencement of remediation excavation. It will contain requirements regarding stormwater management, erosion and sediment control, construction practices to minimize stormwater contamination, maintenance and inspection procedures, and the SWPPP Coordinator and their duties for the Site.

DRAFT

6.1.6 Community Air Monitoring Plan

Community air monitoring will be performed via two fixed stations at the perimeter of the Site during all ground surface intrusive work (i.e., one downwind and one upwind). In addition to the community air monitoring, air monitoring will be performed on the perimeter of the work zone periodically (at a minimum once per hour) on a roving basis with hand-held equipment based upon wind direction and the location of the intrusive work. The CAMP is provided in Appendix M.

6.1.7 Contractors Site Operations Plan

The contractor performing the proposed remedial excavation will prepare a Site Operations Plan.

The Remedial Engineer will review all plans and submittals for this remedial project (including those listed above and contractor and sub-contractor document submittals) and confirm that they will comply with this RAWP. The Remedial Engineer is responsible for ensuring that all later document submittals for this remedial project, including contractor and sub-contractor document submittals, comply with this RAWP. All remedial documents will be submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of Remedial Action.

6.1.8 Citizen Participation Plan for Proposed Remedial Action

A certification of mailing will be sent by the Volunteer to the NYSDEC project manager following the distribution of all Fact Sheets and notices that includes: (1) certification that the Fact Sheets were mailed, (2) the date they were mailed; (3) a copy of the Fact Sheet, (4) a list of recipients (contact list); and (5) a statement that the repository was populated on [specific date] and that it contained all of applicable project documents.

No changes will be made to approved Fact Sheets authorized for release by NYSDEC without written consent of the NYSDEC. No other information, such as brochures and flyers, will be included with the Fact Sheet mailing.

The approved CPP for this project is attached in Appendix I.

Document repositories have been established at the following locations listed in Table G below and contain all applicable project documents:

Table G
Document Repositories

New York Public Library – Woodstock Branch 761 East 160th Street, Bronx, New York 10456 Phone: (845) 679-2213 Monday – Friday: 10 AM–6 PM Saturday: 10 AM–5 PM Sunday: CLOSED	Bronx Community Board 1 3024 3rd Avenue, Bronx, New York 10455 Phone: (718) 585-7117 Monday – Sunday: 9AM-5PM

In addition, an electronic repository can be accessed via DECInfo Locator at the following link: https://extapps.dec.ny.gov/data/DecDocs/C203153/.

DRAFT

6.2 General Remedial Construction Information

6.2.1 Project Organization

Personnel responsible for implementation of this RAWP are included on the Organization Chart provided as Table H.

Table H
Project Organization

Company	Individual Name	Title	Contact Number(s)
NYSDEC	Javier Perez-Maldonado	Project Manager	(518) 402-8172
NYSDOH	Scarlett McLaughlin	Project Manager	(518) 402-7874
AKRF	Marc Godick	Quality Assurance Officer	(914) 922-2356
	Rebecca Kinal	Remedial Engineer	(914) 922-2362
	Kenneth Wiles	Project Manager	(646) 388-9528
	Mackenzie Miller	Field Team Leader/ Site Safety Officer (SSO)	(631) 357-9404 (cell)
350 GC Property Owner LLC (Volunteer)	Patrick Taylor	Volunteer Representative	(212) 335-2317

Resumes of key personnel involved in the proposed Remedial Action are included in Appendix A of the QAPP (Appendix K).

6.2.2 Remedial Engineer

The Remedial Engineer for this project will be Rebecca Kinal, P.E. The Remedial Engineer is a registered professional engineer licensed by the State of New York. The Remedial Engineer will have primary direct responsibility for implementation of the remedial program for the 350 Grand Concourse Site (NYSDEC BCA Index No. C203153-04-22, No. C203153). The Remedial Engineer will certify in the FER that the remedial activities were observed by qualified environmental professionals under her supervision and that the remediation requirements set forth in the RAWP and any other relevant provisions of ECL 27-1419 have been achieved in full conformance with that Plan. Other Remedial Engineer certification requirements are listed later in this RAWP.

The Remedial Engineer, or designated personnel under her supervision, will coordinate the work of other contractors and subcontractors involved in all aspects of remedial construction, including soil excavation, stockpiling, characterization, removal and disposal, air monitoring, emergency spill response services, import of back fill material, and management of waste transport and disposal. The Remedial Engineer will be responsible for all appropriate communication with NYSDEC and NYSDOH.

The Remedial Engineer, or designated personnel under her supervision, will review all pre-remedial plans submitted by contractors for compliance with this RAWP and will certify compliance in the FER.

The Remedial Engineer will provide the certifications listed in Section 13.1 in the FER.

6.2.3 Remedial Action Construction Schedule

A schedule for performance of the remedial work is included in Section 14.

DRAFT

6.2.4 Work Hours

The hours for operation of remedial construction will conform to the NYC Department of Buildings (NYCDOB) construction code requirements or according to specific variances issued by that agency. NYSDEC will be notified by the Volunteer of any variances issued by NYCDOB. NYSDEC reserves the right to deny alternate remedial construction hours.

6.2.5 Site Security

The Site will be completely closed from public access by using secured construction fencing. No unauthorized personnel will be able to access the Site. During off hours, the active portions of the Site will be completely enclosed within a locked gate.

6.2.6 Traffic Control

It is not anticipated that traffic will be disrupted beyond normal contractor vehicle traffic going to and from the Site during construction. Any sidewalk closures that are required during the course of construction/remediation activities will be conducted in accordance with NYC Department of Transportation (NYCDOT) permits.

6.2.7 Contingency Plan

A contingency plan has been developed and included as Section 7.4.10.

6.2.8 Worker Training and Monitoring

All those who enter the work area while intrusive activities are being performed must recognize and understand the potential hazards to health and safety. All construction personnel upon entering the Site must attend a brief training meeting, its purpose being to:

- Make workers aware of the potential hazards they may encounter;
- Instruct workers on how to identify potential hazards;
- Provide the knowledge and skills necessary for them to perform the work with minimal risk to health and safety;
- Make workers aware of the purpose and limitations of safety equipment; and
- Ensure that they can safely avoid or escape from emergencies.

Construction personnel will be responsible for identifying potential hazards in the work zone. The AKRF project manager will be responsible for ensuring that the training is conducted by the AKRF SSO in accordance with the Site-specific HASP, which is included in Appendix J. Others who enter the Site must be accompanied by a suitably trained construction worker. In addition, any Site workers within the "work zone" must have received the OSHA 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training and will be under a medical monitoring program.

6.2.9 Agency Approvals

The Volunteer has addressed all environmental requirements for this Site. All permits or government approvals required for remedial construction have been, or will be, obtained prior to the start of remedial construction.

The planned end use for the Site is in conformance with the current zoning for the property as determined by NYCDCP. COC will not be issued for the project unless conformance with zoning designation is demonstrated.

DRAFT

A complete list of all Federal, State and local governmental permits, certificates or other approvals or authorizations required to perform the remedial and development work will be included in the FER.

All planned remedial or construction work in regulated wetlands and adjacent areas will be specifically approved by the NYSDEC Division of Natural Resources to ensure that it meets the requirements for substantive compliance with those regulations prior to the start of construction. Nothing in the approved RAWP or its approval by NYSDEC should be construed as an approval for this purpose.

6.2.10 NYSDEC BCP Signage

Signs are optional for BCP sites and will be discussed with the NYSDEC project manager. If a sign is displayed, it will follow NYSDEC specifications for design and content, provided by the NYSDEC project manager.

6.2.11 Pre-Construction Meeting with NYSDEC

A pre-construction meeting with members of NYSDEC, NYSDOH, NYCOER, the Volunteer, the construction management team, the excavation contractor, and AKRF will be conducted prior to the start of work under this RAWP.

6.2.12 Emergency Contact Information

An emergency contact sheet with names and phone numbers is included in the Site-specific HASP provided in Appendix J. That document will define the specific project contacts for use by NYSDEC and NYSDOH in the case of a day or night emergency.

6.3 Site Preparation

Prior to conducting any intrusive activities for Site remediation, the work zone(s), designated entry points, soil stockpile staging areas, decontamination zones, and truck routes will be established, as applicable. The Site plan will be updated as necessary to reflect any changes in operations during the course of the intrusive work. Particulate control measures, if necessary, will be implemented. Additional details of Site preparation activities are provided in the following sections.

6.3.1 Mobilization

Site mobilization involving security setup, equipment mobilization, utility mark outs, and marking and staking of excavation areas will be performed prior to undertaking any Site remediation activities.

6.3.2 Monitoring Well Decommissioning

Since the remedial excavation will be performed site-wide, existing on-site groundwater monitoring wells will be properly decommissioned in accordance with NYSDEC Commissioners Policy 43 - Groundwater Monitoring Well Decommissioning Policy. The only exception to this is if the full length of the well is to be excavated during remediation.

6.3.3 Erosion and Sedimentation Controls

Erosion and sediment control measures will be installed at the Site prior to conducting any ground-intrusive work. These measures will be installed according to all applicable or relevant and appropriate Federal, State, and local laws. The measures will provide for abatement and control of environmental pollution arising from proposed remediation and construction activities. The control measures will include procedures for perimeter Site

DRAFT

controls, stabilized construction pads at each construction entrance, equipment decontamination, drainage inlet protection, and particulate suppression. The RE, or her representative, will conduct routine inspections, and any repairs and/or maintenance of control measures will be completed in a timely fashion to maintain the controls in proper working order. All vehicles leaving the Site will be inspected to ensure that no soil adheres to the wheels or undercarriage. Any situations involving material spilled in transit or mud and dust tracked off-site will be remedied. The access routes will be inspected for road conditions, overhead clearance, and weight restrictions.

6.3.4 Stabilized Construction Entrance(s)

A crushed stone path will be constructed at all truck entrances and exits. All trucks will drive over the path prior to leaving so that they do not get re-contaminated prior to departure from the Site. A laborer will check the trucks as they leave, and will use a hose, shovel, and/or broom to wash off the truck tires and body as it leaves the Site, as necessary.

6.3.5 Utility Marker and Easements Layout

The Volunteer and its contractors are solely responsible for the identification of utilities that might be affected by work under the RAWP and implementation of all required, appropriate, or necessary health and safety measures during performance of work under this RAWP. The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under this RAWP. The Volunteer and its contractors must obtain any Federal, State, or local permits or approvals pertinent to such work that may be required to perform work under this RAWP. Approval of this RAWP by NYSDEC does not constitute satisfaction of these requirements.

The presence of utilities and easements on the Site has been investigated by the Remedial Engineer. It has been determined that no risk or impediment to the planned work under this RAWP is posed by utilities or easements on the Site.

6.3.6 Sheeting and Shoring

Appropriate management of structural stability of on-Site or off-Site structures during on-Site activities include excavation is the sole responsibility of the Volunteer and its contractors. The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under this RAWP. The Volunteer and its contractors must obtain any Federal, State, or local permits or approvals that may be required to perform work under this RAWP. Further, the Volunteer and its contractors are solely responsible for the implementation of all required, appropriate, or necessary health and safety measures during performance of work under the approved RAWP.

6.3.7 Equipment and Material Staging

Staging and storage of equipment and materials will be contained within the secured Site, or within a secured area on the street/sidewalk in accordance with an NYCDOT permit. By the nature of the work involved in this project, equipment and materials will be moved to different areas within the secured Site as work progresses.

6.3.8 Decontamination Area

A decontamination area will be established adjacent to the work areas, as required. The base of the decontamination area will be covered with 6-mil plastic sheeting as necessary and bermed to prevent spreading of decontamination fluids or potential discharge to the ground surface.

DRAFT

All equipment in direct contact with known or potentially contaminated material will be either dedicated or decontaminated prior to handling less contaminated material or removal from the Site. All liquids used in the decontamination procedure will be collected, stored, and disposed of in accordance with Federal, State, and local regulations. Personnel performing this task will wear the proper personal protective equipment as prescribed in the HASP (Appendix J).

6.3.9 Site Fencing

The Site will be secured with a locking fence that will be placed around the entire perimeter. During all remedial activities, access to the Site will be limited and all persons entering the Site will be required to sign a log book and meet all applicable health and safety requirements. The Site will be secured during non-working hours.

6.3.10 Demobilization

Restoration of the excavation work will include backfilling and general earthwork to prepare for construction of the proposed foundation elements. Upon completion of the remedial excavation work, any waste materials (i.e., plastic sheet, absorbent pads, etc.) and the decontamination pad will be removed from the Site for proper disposal.

6.4 Reporting

All daily and monthly Reports will be included in the FER.

6.4.1 Daily Reports

Daily reports will be submitted to NYSDEC and NYSDOH project managers by noon of each day following the reporting period and will include:

- An update of progress made during the reporting day;
- Locations of work and quantities of material imported and exported from the Site;
- References to alpha-numeric map for Site activities;
- A summary of any and all complaints with relevant details (names, phone numbers);
- A summary of CAMP finding, including excursions;
- Photographs of site activities;
- An explanation of notable Site conditions.

Daily reports are not intended to be the mode of communication for notification to the NYSDEC of emergencies (accident, spill), requests for changes to the RAWP or other sensitive or time critical information. However, such conditions must also be included in the daily reports. Emergency conditions and changes to the RAWP will be addressed directly to NYSDEC project manager via personal communication.

Daily Reports will include a description of daily activities keyed to an alpha-numeric map for the Site that identifies work areas. These reports will include a summary of CAMP results, odor and dust excursions and corrective actions, and all complaints received from the public.

A Site map that shows a predefined alpha-numeric grid for use in identifying locations described in reports submitted to NYSDEC is attached in Figure 8.

The NYSDEC assigned project number will appear on all reports.

DRAFT

6.4.2 Monthly Reports

Monthly reports will be submitted to NYSDEC and NYSDOH project managers by the 10th day of each month following the reporting period and will include:

- Activities relative to the Site during the previous reporting period and those anticipated for the next reporting period, including a quantitative presentation of work performed (e.g., tons/cubic yards of material exported and imported, etc.);
- Description of approved activity modifications, including changes of work scope and/or schedule;
- Sampling results received following internal data review and validation, as applicable; and,
- An update of the remedial schedule including the percentage of project completion, unresolved delays encountered or anticipated that may affect the future schedule, and efforts made to mitigate such delays.
- Tracking of green and sustainable remediation metrics determined during the design process should be included in monthly reports.

6.4.3 Other Reporting

Photographs will be taken of all remedial activities and submitted to NYSDEC in digital (JPEG) format. Photos will illustrate all remedial program elements and will be of acceptable quality. Representative photos of the Site prior to any Remedial Actions will be provided. Representative photos will be provided of each contaminant source, source area and Site structures before, during and after remediation. Photos will be included in the daily reports as needed, and a comprehensive collection of photos will be included in the FER.

Progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the FER, including a comparison to the goals established during the remedial program. Regular updates to the metrics used (SEFA, SiteWise™ or otherwise approved method) should be included.

Job-site record keeping for all remedial work will be appropriately documented. These records will be maintained on-Site at all times during the project and be available for inspection by NYSDEC and NYSDOH.

6.4.4 Complaint Management Plan

A log of all complaints from the public regarding nuisance or other Site conditions will be compiled by the project manager for submission to NYSDEC and NYSDOH, as appropriate. All complaints will be reported in the daily reports and in the FER.

6.4.5 Deviations from the Remedial Action Work Plan

All deviations from this RAWP will require prior approval from NYSDEC. These deviations will be recorded in both the monthly progress reports and in the FER. At a minimum, the report of the deviation will include the following:

- Reasons for deviating from the approved RAWP;
- Approval process to be followed for changes/editions to the RAWP;
- Effect of the deviations on overall remedy.

DRAFT

7.0 REMEDIAL ACTION: MATERIAL REMOVAL FROM SITE

Based on data collected to date, removal of materials from the Site will include: (1) excavation and off-site disposal of contaminated soil, as shown on Figure 9; and (2) removal of any unknown USTs, fill ports, and vents (if encountered). The amount of soil to be excavated is approximately 11,600 cubic yards. Additional soil/fill may have to be removed as part of remedial excavation based on the results of the endpoint sampling. All contaminated soil removed from the Site will be disposed of at a facility(ies) licensed to accept such material. Proposed disposal facilities will be submitted to NYSDEC prior to commencing remedial excavation.

7.1 Soil Cleanup Objectives

The applicable SCOs for the Site are PGWSCOs for VOCs and RRSCOs SVOCs, PCBs, pesticides, and metals. Soil and materials management on-site and off-site will be conducted in accordance with the SMMP, as described in Section 7.4.4. Any petroleum storage tank closures will, at a minimum, conform to the criteria defined in DER-10.

Concentration maps showing compounds detected above UUSCOs, RRSCOs, and/or PGWSCOs in soil/fill are shown on Figures 5A through 5D.

7.2 Remedial Performance Evaluation (Post Excavation End-Point Sampling)

Post-excavation endpoint samples will be collected at the proposed locations as shown on Figure 10. Additional post-excavation soil samples will be collected around any unknown USTs and/or other hotspots encountered on the Site.

7.2.1 End-Point Sampling Frequency

Based on the sampling frequency outlined in Section 5.4 of DER-10, endpoint sampling will include one bottom soil sample for every 900 square feet across the Site and one sidewall sample for every 30 linear feet for the hotspots. This totals 39 bottom endpoint samples and 25 sidewall endpoint samples. If sloping for the hotspot excavations makes collection of sidewall samples there challenging, these sidewall samples will be collected at the bottom of the hotspot at its extents. Due to the presence of SOE to be installed for the excavation at the Site's extents, sidewall samples cannot be collected there.

In addition, a minimum of five endpoint samples consisting of four sidewalls (except where SOE is present) and one bottom sample will be collected from any deeper remedial excavations (including the petroleum hotspots), as well as one additional sample for every 15 linear feet of trench for any associated piping.

7.2.2 Endpoint Sampling and Laboratory Methodology

The endpoint samples will be collected using a decontaminated stainless steel sampling trowel, hand auger, or dedicated wooden tongue depressor and placed directly into pre-sterilized laboratory-issued containers. The sample containers will be properly labeled and immediately placed on ice within a cooler. Sample time, date, and location will be recorded on a chain of custody.

Endpoint samples will be submitted to an NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory for analysis of VOCs, SVOCs, PCBs, pesticides, TAL metals plus hexavalent chromium, and PFAS. In accordance with NYSDEC requirements, QA/QC sampling will be performed; the laboratory will follow the NYSDEC Analytical Services Protocol dated 1995, and Category B deliverables and EQuIS™ EDDs will be issued. Further details regarding the specific sampling

DRAFT

methodologies and analytical procedures are presented in the QAPP, included as Appendix K.

7.2.3 Reporting of Results

The analytical results of the endpoint samples will be tabulated and compared to UUSCOs and RRSCOs; petroleum-related VOCs will be additionally compared to PGWSCOs. The tabulated data as well as the laboratory reports will be included in the FER. All analytical data will be submitted to the NYSDEC database in EDD format via EQuIS™.

7.2.4 Quality Assurance/Quality Control

The fundamental QA objective with respect to accuracy, precision, and sensitivity of analysis for laboratory analytical data is to achieve the QC acceptance of the analytical protocol. The accuracy, precision, and completeness requirements will be addressed by the laboratory for all data. Collected samples will be appropriately packaged, placed in coolers, and either shipped or delivered directly to the analytical laboratory via a courier. Samples will be containerized in appropriate laboratory provided glassware and shipped in plastic coolers. Samples will be preserved to maintain a temperature of 4 °C. Decontamination of non-dedicated sampling equipment will consist of the following: gently tap or scrape to remove adhered soil/fill; rinse with tap water; wash with Alconox® detergent solution and scrub; and rinse with tap water.

One trip blank, one field blank, one blind duplicate sample, and one matrix spike/matrix spike duplicate (MS/MSD) will be collected per every 20 samples and submitted for laboratory analysis with the accompanying field samples. The field blank(s), blind duplicate(s), and MS/MSD(s) will be analyzed for the same parameters as the field sample(s); the trip blank(s) will be analyzed for VOCs only. Additional QA/QC information is provided in the QAPP, included as Appendix K.

7.2.5 Data Usability Summary Reports and Electronic Data Deliverables

A third-party data validator will review the laboratory reports and prepare DUSRs. The validated data will be submitted to the NYSDEC database via EQuIS™. DUSRs and validated data will be included in the FER. The third-party data validator will be Lori Beyer of L.A.B. Validation Corporation of East Northrop, New York and her resume is included in Attachment A of the QAPP, which is included as Appendix K.

7.2.6 Reporting of End-Point Data in Final Engineering Report

The FER will include a detailed description of endpoint sampling activities, data summary tables, concentration figures showing endpoint sample locations and concentrations compared to applicable standards, DUSRs, and laboratory reports. The analytical laboratory used for endpoint sample analyses and contingency sampling (if any) will be NYSDOH ELAP-certified. Endpoint sampling will be performed in accordance with DER-10 sample frequency requirements.

7.3 Estimated Material Removal Quantities

The removal of materials from the Site will include: (1) excavation and off-site disposal of soil to comply with the SCOs, as shown on Figure 9 (approximately 11,600 cubic yards); and (2) removal of any unknown USTs, fill ports, and vent lines encountered. Endpoint samples will be collected and analyzed to evaluate if the RRSCOs (Track 2 Cleanup) are achieved across the Site, where all sources of contamination (i.e., petroleum contamination) have been removed, and will inform the need for further excavation with respect to attainment of the SCOs. It is noted that the soil removal

DRAFT

quantities from additional excavation cannot be currently estimated, but will be tabulated and included in the FER, if any.

The limited amount of construction and demolition material cannot be estimated at this time. The exact quantities will be included in the FER.

Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) may be brought in to replace the excavated soil and establish the grade at the Site (if necessary). On-site soil that does not exceed RRSCOs for any constituent (and PGWSCOs for VOCs) may be reuse on-site with pre-approval by the NYSDEC project manager in accordance with Section 7.4.6.

7.4 Soil/Materials Management Plan

The SMMP describes the procedures to be performed during the handling of soil/fill materials on-site during all intrusive work.

7.4.1 Soil Screening Methods

Visual, olfactory and PID soil screening and assessment will be performed by a qualified environmental professional or experienced field geologist/environmental scientist under the direction of the Remedial Engineer during all remedial and development excavations into known or potentially contaminated material. Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during the remedy and during development phase, such as excavations for foundations and utility work, prior to issuance of the COC.

All primary contaminant sources (including but not limited to tanks and hotspots) identified during Site Characterization, Remedial Investigation, and Remedial Action will be surveyed by a NYS-licensed surveyor. This information will be provided on maps in the FER.

Resumes have been provided in Appendix A of the QAPP (Appendix K) for all personnel responsible for field screening (i.e., those representing the Remedial Engineer) of invasive work for unknown contaminant sources during remediation and development work.

7.4.2 Stockpile Methods

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced. Hay bales may be used as needed near catch basins, surface waters, and other discharge points. Water will be available on-site at suitable supply and pressure for use in particulate control.

7.4.3 Materials Excavation and Load Out

The Remedial Engineer or a Qualified Environmental Professional under his/her supervision will oversee all invasive work and the excavation and load-out of all excavated material.

The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under this RAWP.

DRAFT

The presence of utilities and easements on the Site has been investigated by the Remedial Engineer. It has been determined that no risk or impediment to the planned work under this RAWP is posed by utilities or easements on the Site.

Loaded vehicles leaving the Site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYS Department of Transportation requirements (and all other applicable transportation requirements).

Vehicles leaving the Site will not be overloaded. The Remedial Engineer's representative will make reasonable efforts to ensure that vehicles are not loaded beyond their NYS Department of Transportation weight rating and that all material is secured beneath the truck bed cover.

A truck wash will be operated on-Site. The Remedial Engineer will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving the Site until the remedial construction is complete.

Locations where vehicles enter or exit the Site shall be inspected daily for evidence of off-Site sediment tracking.

The Remedial Engineer will be responsible for ensuring that all egress points for truck and equipment transport from the Site will be clean of dirt and other materials derived from the Site during Site remediation and development. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site -derived materials.

The Volunteer and associated parties preparing the remedial documents submitted to the State, and parties performing this work, are completely responsible for the safe performance of all invasive work, the structural integrity of excavations, and for structures that may be affected by excavations (such as building foundations and bridge footings).

The Remedial Engineer will ensure that Site development activities will not interfere with, or otherwise impair or compromise, remedial activities proposed in this Remedial Action Work Plan.

All contaminated materials and structures that may be remediated (USTs, vaults and associated piping, transformers, etc.) will be removed and end-point remedial performance sampling completed before excavations related to Site development commence proximal to the hotspot or structure.

Development-related grading cuts and fills will not be performed without NYSDEC approval and will not interfere with, or otherwise impair or compromise, the performance of remediation required by this plan.

Mechanical processing of historical fill and contaminated soil on-Site is prohibited.

All primary contaminant sources (including but not limited to tanks and hotspots) identified during Site Characterization, Remedial Investigation, and Remedial Action will be surveyed by a NYS-licensed surveyor. The survey information will be shown on maps to be reported in the FER.

7.4.4 Materials Transport Off-Site

All transport of materials will be performed by licensed haulers in accordance with appropriate Federal, State, and local regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

DRAFT

All trucks loaded with Site materials will exit the vicinity of the Site using only these approved truck routes.

Proposed in-bound and out-bound truck routes to the Site are shown in Figure 11. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off- Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project Site.

Egress points for truck and equipment transport from the Site will be kept clean of dirt and other materials during Site remediation and development.

Queuing of trucks will be performed on-Site in order to minimize off-Site disturbance. Off-Site queuing will be prohibited.

Material transported by trucks exiting the Site will be secured with tight-fitting covers. Loose-fitting canvas or mesh truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

All trucks will be washed prior to leaving the Site. Truck wash waters will be collected and disposed of off-Site in an appropriate manner.

7.4.5 Materials Disposal Off-Site

A properly permitted waste disposal facility will be selected for off-site disposal. The disposal facility(ies) information will be reported to the NYSDEC and NYCOER project managers prior to commencing the disposal activities.

All soil/fill/solid waste excavated and removed from the Site will be treated as contaminated and regulated material and will be disposed in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. If disposal of soil/fill from this Site is proposed for unregulated disposal (i.e., clean soil removed for development purposes), a formal request with an associated plan will be made to NYSDEC's project manager. Unregulated off-Site management of materials from this Site is prohibited without formal NYSDEC approval.

Material that does not meet Track 1 UUSCOs is prohibited from being taken to NYS recycling facility (6NYCRR Part 360.15 Registration Facility).

The following documentation will be obtained and reported by the Remedial Engineer for each disposal location used in this project to fully demonstrate and document that the disposal of material derived from the Site conforms with all applicable laws: (1) a letter from the Remedial Engineer or BCP Volunteer to the receiving facility describing the material to be disposed and requesting formal written acceptance of the material. This letter will state that material to be disposed is contaminated material generated at an environmental remediation Site in NYS. The letter will provide the project identity and the name and phone number of the Remedial Engineer. The letter will include as an attachment a summary of all chemical data for the material being transported (including Site Characterization data); and (2) a letter from all receiving facilities stating it is in receipt of the correspondence (above) and is approved to accept the material. These documents will be included in the FER.

DRAFT

Non-hazardous historic fill and contaminated soils taken off-Site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360.2. The Remedial Engineer is responsible for assuring material is properly characterized and determining the appropriate disposal methods based on the characterization results.

Historical fill and contaminated soils from the Site are prohibited from being disposed at Part 360.15 Registration Facilities (also known as Soil Recycling Facilities).

Soils that are contaminated but non-hazardous and are being removed from the Site are considered by the NYSDEC Division of Materials Management (DMM) to be Construction and Demolition (C/D) materials with contamination not typical of virgin soils. These soils may be sent to a permitted Part 360 landfill. They may be sent to a permitted C/D processing facility without permit modifications only upon prior notification of NYSDEC DMM. This material is prohibited from being sent or redirected to a Part 360-15 Registration Facility. In this case, as dictated by DMM, special procedures will include, at a minimum, a letter to the C/D facility that provides a detailed explanation that the material is derived from a DER remediation Site, that the soil material is contaminated and that it must not be redirected to on-Site or off-Site Soil Recycling Facilities. The letter will provide the project identity and the name and phone number of the Remedial Engineer. The letter will include as an attachment a summary of all chemical data for the material being transported.

The FER will include an accounting of the destination of all material removed from the Site during this Remedial Action, including excavated soil, contaminated soil, historic fill, solid waste, and hazardous waste, non-regulated material, and fluids. Documentation associated with disposal of all material must also include records and approvals for receipt of the material. This information will also be presented in a tabular form in the FER.

Bill of Lading system or equivalent will be used for off-Site movement of non-hazardous wastes and contaminated soils. This information will be reported in the FER.

Hazardous wastes derived from on-Site will be stored, transported, and disposed of in full compliance with applicable Federal, State, and local regulations.

Appropriately licensed haulers will be used for material removed from this Site and will be in full compliance with all applicable Federal, State, and local regulations.

Waste characterization sampling (see Section 4) has been performed exclusively for the purposes of off-Site soil disposal in a manner suitable to receiving facilities and in conformance with applicable Federal, State and local laws rules and regulations and facility-specific permits. Any additional waste characterization sampling and analytical methods, sampling frequency, analytical results and QA/QC associated with waste characterization activities will be reported in the FER. All data available for soil/material to be disposed at a given facility must be submitted to the disposal facility with suitable explanation prior to shipment and receipt. Waste characterization data will be used solely for complying with requirements for off-site disposal. Waste Characterization sampling cannot be utilized for:

- Delineating the extent of contamination required for remediation at a Site.
- Replacing or substituting data collected as part of Site Characterization and/or Remedial Investigation.
- Replacing or substituting confirmation or documentation sampling as described in NYSDEC DER-10, Section 5.4.

DRAFT

- To modify remedial decisions as formalized in a NYSDEC-approved DD or Record of Decision.

7.4.6 Materials Reuse On-Site

Chemical criteria for on-Site reuse of material have been established by NYSDEC. Materials planned for reuse (if any) will be segregated and stockpiled separately from materials slated for off-site disposal. Stockpiles will be placed on and covered with polyethylene sheeting. The stockpiled soil will be sampled and analyzed in accordance with Table 5.4(e)10 on page 161 of the DER-10. The Remedial Engineer will ensure that procedures defined for materials reuse in this RAWP are followed and that unacceptable material will not remain on-Site.

A "Request to Import/Reuse Fill Material" form will be filed with the NYSDEC project manager for review and approval prior to material reuse on the site.

Acceptable demolition material proposed for reuse on-Site, if any, will be sampled for asbestos.

Concrete crushing or processing on-Site is prohibited, unless NYSDEC has specifically approved on-site processing and reuse of acceptable demolition material.

Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Site is prohibited for reuse on-Site.

Contaminated on-Site material will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines. This will be expressed in the SMP.

Uncontaminated excavated bedrock from the Site may be reused below the composite cover system (if one is necessary) without the need for sampling unless unsuitable due to visual, olfactory, and/or PID readings indicate contamination.

7.4.7 Fluids Management

All liquids to be removed from the Site, including dewatering fluids, will be handled, transported and disposed in accordance with applicable Federal, State, local and regulations. Liquids discharged into the NYC sewer system will be addressed through approval by NYCDEP.

Dewatered fluids will not be recharged back to the land surface or subsurface of the Site. Dewatering fluids will be managed off-Site.

Discharge of water generated during remedial construction to surface waters (i.e. a local pond, stream, river and/or storm sewer) is prohibited without a State Pollutant Discharge Elimination System permit.

7.4.8 Demarcation

After the completion of soil removal and any other invasive remedial activities and prior to backfilling, a land survey will be performed by a NYS-licensed surveyor. The survey will define the top elevation of residual contaminated soils (if any). In area(s) where a Track 2 cleanup cannot be achieved (if any), a physical demarcation layer, consisting of orange snow fencing material or equivalent material will be placed on this surface to provide a visual reference. This demarcation layer will constitute the top of the 'Residuals Management Zone', the zone that requires adherence to special conditions for disturbance of contaminated residual soils defined in the SMP. The survey will measure the grade

DRAFT

covered by the demarcation layer before the placement of cover soils, pavement and sub-soils, structures, or other materials. This survey and the demarcation layer placed on this grade surface will constitute the physical and written record of the upper surface of the 'Residuals Management Zone' in the SMP. A map showing the survey results will be included in the FER and the SMP.

7.4.9 Backfill from Off-Site Sources

The importation of clean fill from off-site source(s) may be needed to backfill over-excavated areas as part of the Remedial Action and as part of a two-foot clean soil cap (to be placed over all non-covered, landscaped areas, if any) in the event that a Track 2 cleanup cannot be achieved. Further, a highly visible demarcation barrier (orange snow fencing or equivalent) will be installed beneath the two feet of clean fill/topsoil cap (where a Track 2 cleanup cannot be achieved), if its necessary. All materials proposed for import onto the Site will be approved by the Remedial Engineer and will be in compliance with provisions in this RAWP prior to receipt at the Site. Material proposed for import shall either be from a NYSDEC-registered certified clean fill facility or other permitted facility. Any facility proposed for import shall undergo a facility history review and background check by the Remedial Engineer. Material from industrial sites, spill sites, other environmental remediation sites; or other potentially contaminated sites will not be imported to the Site. Solid waste will not be imported onto the Site.

Prior to import, soil will be segregated and tested at the source facility for analysis of TCL VOCs, TCL SVOCs, 1,4-dioxane, PCBs, pesticides, TAL metals, and PFAS at the frequency outlined in Table 5.4(e)10 on page 161 of the DER-10. Soil exceeding the UUSCO for 1,4-dioxane will not be imported, per DER 10: Appendix 5 - Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4(e). If the PFAS compounds PFOA or PFOS are detected in any sample at or above 1 pbb, it will also be tested by the SPLP. If the SPLP results exceed 70 ppt for the combined analysis, the soil will not be imported. Analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC via a *Request to Import/Reuse Soil or Fill* form for review and approval prior to importation and placement on-site.

All imported soils will meet NYSDEC-approved backfill or cover soil quality objectives for the Site. These NYSDEC-approved backfill or cover soil quality objectives are the lower of the PGWSCOs or RRSCOs as set forth in Table 375-6.8(b) of 6 NYCRR Part 375. Non-compliant soils will not be imported to the Site without prior approval by NYSDEC. Nothing in this approved RAWP or its approval by NYSDEC should be construed as an approval for this purpose.

Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for the Site, will not be imported without prior approval by NYSDEC. Nothing in this RAWP should be construed as an approval for this purpose.

The FER will include the following certification by the RE: "I certify that all import of soils from off-site, including source evaluation, approval and sampling, has been performed in a manner that is consistent with the methodology defined in the RAWP."

Solid waste will not be imported to the Site.

Trucks entering the Site with imported soils will be securely covered with tight fitting covers.

DRAFT

7.4.10 Contingency Plan

If underground tanks or other previously unidentified contaminant sources are found during on-Site remedial excavation or development related construction, sampling will be performed on product, sediment and surrounding soils, etc. in accordance with DER-10. Chemical analytical work will be for full scan parameters (TCL VOCs, TCL SVOCs, TAL metals, pesticides, PCBs and PFAS). Analyses will not be otherwise limited without NYSDEC approval.

Identification of unknown or unexpected contaminated media identified by screening during invasive Site work will be promptly communicated by phone to NYSDEC's project manager. These findings will be also included in daily and periodic electronic media reports.

7.4.11.1 Extreme Storm Preparedness and Response Contingency Plan

Damage from flooding or storm surge can include dislocation of soil and stockpiled materials, dislocation of site structures and construction materials and equipment, and dislocation of support of excavation structures. Damage from wind during an extreme storm event can create unsafe or unstable structures, damage safety structures and cause downed power lines creating dangerous site conditions and loss of power. In the event of emergency conditions caused by an extreme storm event, the Volunteer will undertake the following steps for site preparedness prior to the event and response after the event.

Storm Preparedness

Preparations in advance of an extreme storm event will include the following: containerized hazardous materials and fuels will be removed from the property; loose materials will be secured to prevent dislocation and blowing by wind or water; heavy equipment such as excavators and generators will be removed from excavated areas, trenches and depressions on the property to high ground or removed from the property; an inventory of the property with photographs will be performed to establish conditions for the site and equipment prior to the event; stockpile covers for soil and fill will be secured by adding weights such as sandbags for added security and worn or ripped stockpile covers will be replaced with competent covers; stockpiled hazardous wastes will be removed from the property; stormwater management systems will be inspected and fortified, including, as necessary: clean and reposition silt fences, hay bales; clean storm sewer filters and traps; and secure and protect pumps and hosing.

Storm Response

At the conclusion of an extreme storm event, as soon as it is safe to access the property, a complete inspection of the property will be performed. A site inspection report will be submitted to NYSDEC at the completion of site inspection and after the site security is assessed. Site conditions will be compared to the inventory of site conditions and material performed prior to the storm event and significant differences will be noted. Damage from storm conditions that result in acute public safety threats, such as downed power lines or imminent collapse of buildings, structures or equipment will be reported to public safety authorities via appropriate means such as calling 911.

Petroleum spills will be reported to NYSDEC within 2 hours of identification and consistent with State regulations. Public safety structures, such as construction security fences will be repaired promptly to eliminate public safety threats. Debris will be collected and removed.

DRAFT

Dewatering will be performed in compliance with existing laws and regulations and consistent with emergency notifications, if any, from proper authorities. Eroded areas of soil including unsafe slopes will be stabilized and fortified. Dislocated materials will be collected and appropriately managed. Support of excavation structure will be inspected and fortified as necessary. Impacted stockpiles will be contained and damaged stockpile covers will be replaced. Stormwater control systems and structures will be inspected and maintained as necessary.

If soil or fill materials are discharged off site to adjacent properties, property owners and NYSDEC will be notified, and corrective measure plan designed to remove and clean dislocated material will be submitted to NYSDEC and implemented following approval by NYSDEC and granting of site access by the property owner. Impacted offsite areas may require characterization based on site conditions, at the discretion of NYSDEC.

If onsite petroleum spills are identified, a qualified environmental professional will determine the nature and extent of the spill and report to NYSDEC's spill hotline at (800) 457-7362 within statutory defined timelines. If the source of the spill is ongoing and can be identified, it should be stopped if this can be done safely. Potential hazards will be addressed immediately, consistent with guidance issued by NYSDEC.

Storm Response Reporting

A site inspection report will be submitted to NYSDEC at the completion of site inspection. An inspection report will be used for this purpose. Site conditions will be compared to the inventory of site conditions and material performed prior to the storm event and significant differences will be noted. The site inspection report will be sent to the NYSDEC project manager and will include the site name, address, tax block and lot, site primary and alternate contact name and phone number.

Damage and soil release assessment will include: whether the project had stockpiles; whether stockpiles were damaged; photographs of damage and notice of plan for repair; report of whether soil from the site was dislocated and whether any of the soil left the site; estimates of the volume of soil that left the site, nature of impact, and photographs; description of erosion damage; description of equipment damage; description of damage to the remedial program or the construction program, such as damage to the support of excavation; presence of onsite or offsite exposure pathways caused by the storm; presence of petroleum or other spills and status of spill reporting to NYSDEC; description of corrective actions; schedule for corrective actions.

This report should be completed and submitted to NYSDEC project manager with photographs within 24 hours of the time of safe entry to the property after the storm event.

7.4.11 Odor, Dust and Nuisance Control Plan

The FER will include the following certification by the Remedial Engineer: "I certify that all invasive work during the remediation and all invasive development work were conducted in accordance with dust and odor suppression methodology defined in the RAWP."

In addition to the CAMP described in Section 6.1.3, an odor control plan is described below.

DRAFT

7.4.13.1 Odor Control Plan

This odor control plan is capable of controlling emissions of nuisance odors off-Site. Specific odor control methods to be used on a routine basis will include the use of a PID to screen for VOCs and olfactory observations by a field technician. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of all other complaints about the project. Implementation of all odor controls, including the halt of work, will be the responsibility of the Volunteer's Remedial Engineer, who is responsible for certifying the FER.

All necessary means will be employed to prevent on- and off-Site nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils;. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding .

Where odor nuisances have developed during remedial work and cannot be corrected, or where the release of nuisance odors cannot otherwise be avoided due to on-Site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering excavation and handling areas under tented containment structures equipped with appropriate air venting/filtering systems.

DRAFT

8.0 GROUNDWATER TREATMENT AND MONITORING

As described previously, it is anticipated that after petroleum contaminant source material is removed residual dissolved petroleum-related contamination in groundwater would remain. To enhance attenuation and/or prevent groundwater contamination from migrating off-site, an *in-situ* groundwater treatment program will be implemented to address the elevated concentrations of petroleum-related contamination in the groundwater.

As described in Section 7.0, petroleum-contaminated soil/fill will be excavated as part of the remedial excavation of the Site. The petroleum hotspots will be excavated into groundwater, which is at approximately 14 to 16 feet bgs. The anticipated depth of these excavations are up to approximately 20 to 25 feet bgs and will be excavated to the lateral extent of petroleum contamination on-site, which will be determined in the field but is expected to be approximately 9,500 square feet.

Following excavation of the petroleum hotspots, these will be backfilled with clean backfill material to construction elevations. The bioremediation program will be implemented by application of Regenesis® ORC directly to the 1 to 2 feet of the backfill material placed at the top portion of the water table in the petroleum hotspots. Approximately 1,800 pounds of ORC will be applied to these excavation areas and then mechanically mixed with the backfill material in these areas using an excavator, such that it will be evenly distributed to maximize contact with and treatment of petroleum-related VOCs dissolved in groundwater. The groundwater treatment area is shown on Figure 9. Any proposed modifications to the groundwater treatment program would be submitted to NYSDEC in a letter request.

Following groundwater treatment, groundwater monitoring will be performed to assess its efficacy until residual groundwater concentrations are found to be below AWQSGVs or have become asymptotic over an extended period.

The proposed monitoring well locations are shown on Figure 12. These wells will be installed prior to remedial excavation to collect baseline groundwater samples. Baseline groundwater samples would be used to understand if "pockets" of petroleum contamination became released during the SOE pile installation and help provide understanding if the post Remedial Action groundwater samples had an immediate spike in petroleum contaminants before dissipating.

The groundwater monitoring will continue until permission to discontinue is granted in writing by NYSDEC and NYSDOH. Monitoring activities will be outlined in the Monitoring Plan of the SMP. It is anticipated that, following Remedial Action, five quarterly monitoring events will be performed (including at least one prior to receipt of the COC and four more under Site Management). The SMP will provide more details concerning the groundwater monitoring program.

The wells will be constructed with 10 feet of 2-inch-diameter 0.002-inch slotted PVC well screen straddling the groundwater table, which is expected to be encountered between approximately 14 to 16 feet bgs. The wells will be constructed with a 2-inch-diameter solid PVC riser installed to the ground surface. A No. 2 morie sandpack will be installed two feet above the well screen. The annular space around the solid well riser will be sealed with approximately two feet of bentonite and a non-shrinking grout/cement mixture to approximately 1-foot bgs. Each of the wells will be finished with a locking j-plug and flush-mounted protective locking well cover.

Following installation, each groundwater monitoring well will be developed via pumping and surging to remove any accumulated fines and establish a hydraulic connection with the surrounding aquifer. Development will continue until turbidity within the well is less than 50 NTUs for three successive readings and until water quality indicators have stabilized to within 10% for pH, temperature, and specific conductivity for three successive readings. In the event that 50 NTUs cannot be achieved, at least three well volumes will be purged from the well.

DRAFT

The monitoring wells will be surveyed by a NYS-licensed surveyor to determine their accurate location and elevation. Two elevation measurements will be taken at each well location the at-grade elevation and the elevation of the top of PVC casing (north side at marking). The elevation datum for the sampling points will be based on NAVD88, while the horizontal datum will be based on NYS Plane Coordinates Long Island Zone.

The monitoring wells will be sampled at least one week following development in accordance with the EPA's low-flow groundwater sampling procedure to allow for collection of a representative sample ["Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells," dated July 30, 1996]. Prior to sample collection, groundwater will be purged from each well until the physical and chemical groundwater parameters (pH, conductivity, turbidity, dissolved oxygen, temperature, and oxidation reduction potential) stabilize and turbidity measurements are below 50 NTUs for a minimum of three successive readings, or until more than three well volumes are purged or development continues for at least 2 hours.

One groundwater sample will be collected from each well (plus QA/QC samples) in laboratory-supplied glassware. Sample containers will be labeled, placed in laboratory-supplied coolers, and packed on ice to maintain a temperature of about 4 °C. Coolers will be retrieved at the end of each day by a laboratory courier and transported under standard chain-of-custody protocol to an ELAP-certified laboratory. Groundwater samples will be analyzed for TCL VOCs by EPA Method 8260, using Category B deliverables.

DRAFT

9.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE

Some residual contaminated soil/fill, groundwater, and soil vapor may exist beneath the Site after the Remedial Action is complete. Engineering Controls/Institutional Controls, described in the following sections, will be implemented to protect public health and the environment by appropriately managing residual contamination. Long-term management of Engineering Controls/Institutional Controls and of any residual contamination will be executed under a Site-specific SMP that will be developed and included as an appendix to the FER. The FER will report any residual contamination after implementation of the Remedial Action in tabulated and map form with comparisons to UUSCOs, RRSCOs, and/or PGWSCOs, as applicable.

9.1 Soil

In the event that a Track 2 Cleanup cannot be achieved in any portions of the Site, a composite cover system will be installed as described in Section 10.0 as an Engineering Control in those areas to achieve a Track 4 Cleanup.

9.2 Groundwater

The remedy includes groundwater treatment in conjunction with remedial excavation. Any residual groundwater contamination will be monitored as described in Section 8.

9.3 Soil Vapor

The building's cellar foundation will be constructed at approximately 15 feet bgs with two elevator pits at approximately 20 feet bgs (one on the western boundary and one in the southeast corner), except for a 10-foot setback along the northern boundary. In the portion of the 10-foot foundation setback, the foundation will be slab-on-grade constructed at approximately 1-foot bgs with a third elevator pit in the center at approximately 5 feet bgs. The 10-foot setback is required due to structural concerns with the neighboring building to the north.

Groundwater depths beneath the Site range from approximately 14 to 16 feet bgs (with the exception of 1 of the 10 monitoring wells, RI-MW-03, measured during the RI at approximately 18 feet bgs), and weathered bedrock is as shallow as 5 feet bgs in some portions of the Site. The foundation will be constructed on top of bedrock in some portions and into, or near, the groundwater table, with the exception of the portion of the foundation that has the 10-foot setback. Constructing a sub-slab depressurization system (SSDS) beneath the cellar foundation is not feasible due to the presence of groundwater. The slab-on-grade portion of the building is only a 10-foot setback (approximately 1,000 square feet) along the northern boundary. The soil vapor levels from the SI and RI ordered by their distance from the slab-on-grade portion are shown in Table I below. The nearest soil vapor sampling location with concentrations above the NYSDOH matrix values warranting mitigation (SV-12) is approximately 120 feet from the slab-on-grade portion of the building, while the soil vapor sampling location within the slab-on-grade portion (RI-SV-20) and the next closest soil vapor sampling locations, within 110 feet from the slab-on-grade portion (RI-SV-9, RI-SV-19, RI-SV-6, RI-SV-7, and RI-SV-4), had no exceedances of the NYSDOH matrix value for mitigation. In addition, excavation of the petroleum hotspot in the southwestern portion of the Site down to 20 to 25 feet bgs is anticipated to remove the source of the petroleum-related VOC concentrations in soil vapor noted at RI-SV-16 and SV-03. Furthermore, the entire foundation slab and sidewalls will include installation of a minimum 20-mil vapor barrier to mitigate vapor intrusion into the building. Based on this, installation of an SSDS below the slab-on-grade portion of the building is not warranted.

DRAFT

Table I
Soil Vapor Concentrations vs. Distance from Slab On-Grade Portion

Distance from Slab-On-Grade	*NYSDOH Matrix Value*	Within	7 feet	20 feet	54 feet	71 feet	110 feet	120 feet
Compound		**RI-SV-20**	**SV-09**	**RI-SV-19**	**SV-06**	**SV-07**	**SV-04**	**SV-12**
TCE	*60*	ND	ND	ND	ND	3	ND	ND
Cis-1,2-DCE		ND	ND	ND	ND	ND	ND	ND
1,1-DCE		ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride		0.28	ND	0.36	ND	ND	ND	ND
PCE	*1,000*	0.6 J	1.8	ND	55	15	110	62 T
1,1,1-TCA		ND	ND	ND	ND	1.6	ND	ND
Methylene Chloride		0.88 J	0.93 J	0.61 J	0.65 J	ND	1.6 J	ND
Vinyl Chloride	*60*	ND	ND	ND	ND	ND	ND	ND
Benzene	*600*	0.4 J	0.75	0.5 J	2.1	1.2	3.5	22
Ethylbenzene		ND	2	0.74 J	3.9	2.7	4.1	23 T
Naphthalene		ND	ND	ND	ND	ND	ND	ND
Cyclohexane		ND	2.1	ND	2	0.65 J	2.2	170
2,2,4-trimethylpentane		ND	1.2	0.71 J	6.5	2.8	1.8 J	**2,400 D**
1,2,4-trimethylbenzene		0.42 J	9.1	0.69 J	13	9.9	4.6	43 T
1,3,5-trimethylbenzene		ND	2.3	0.32 J	3.8	2.7	1.5 J	14 T
O-xylene		0.45 J	3.7	0.9	7	4.8	3.6	25 T
M,P-xylene	*2,000*	1.4 J	8.8	3.3	18	11	14	52 T
Heptane		0.37 J	3.2	1	3.9	2.7	2.8	89
Hexane		ND	4.3	ND	2.2	2.2	3.2 J	110
Toluene	*3,000*	1.7	6.7	3.9	13	8.1	13	31 T

Distance from Slab-On-Grade	*NYSDOH Matrix Value*	140 feet	170 feet	209 feet	289 feet	293 feet	255 feet	262 feet	284 feet
Compound		**RI-SV-18**	**SV-08**	**RI-SV-17**	**RI-SV-30**	**RI-SV-16**	**SV-03**	**SV-02**	**SV-01**
TCE	*60*	ND	ND	ND	0.44	ND	ND	2.2	ND
Cis-1,2-DCE		ND	ND	ND	4.5	ND	ND	ND	ND
1,1-DCE		ND	ND	ND	0.37 J	ND	ND	ND	ND
Carbon Tetrachloride		0.22	0.48	0.32	0.19 J	ND	ND	ND	ND
PCE	*1,000*	ND	5.1	5.5	11	ND	110 J	650 D	170
1,1,1-TCA		ND	0.41 J	ND	1.1	ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	*60*	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	*600*	1.8	4.6	1.9	3.7	ND	ND	ND	0.38 J
Ethylbenzene		3.5	3.7	0.67 J	3.5	ND	ND	0.66 J	2.7
Naphthalene		ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane		1.1	0.84	0.48 J	1.4	ND	**980**	ND	ND
2,2,4-trimethylpentane		150	1.9	ND	3.4	**670,000 D**	**83,000 D**	ND	ND
1,2,4-trimethylbenzene		3.8	14	ND	2.3	ND	ND	0.4 J	14
1,3,5-trimethylbenzene		1.2	3.5	ND	0.72 J	ND	ND	ND	3.8
O-xylene		5	6.4	0.47 J	4	ND	ND	0.47 J	4.8
M,p-xylene	*2,000*	14	17	1.9 J	11	ND	ND	1.8 J	11
Heptane		ND	5.2	58	5.1	**44,000**	920	0.34 J	1.7
Hexane		2.8	2.3	3.7	2	**240,000**	**2,100**	ND	ND
Toluene	*3,000*	15	15	4.7	9.9	ND	ND	2.1	6.7

Notes:
D - Indicates an identified compound in an analysis that has been diluted.
T - Indicates that a quality control parameter has exceeded laboratory limits.
Exceedances of the NYSDOH Matrix Value for mitigation are shown in **bold** font.

DRAFT

10.0 CONTINGENCY ENGINEERING CONTROL: COMPOSITE COVER SYSTEM

In the event that a Track 2 Cleanup cannot be achieved on all or a portion of the Site, exposure to residual contaminated soil will be prevented by an engineered, composite cover system constructed on the Site. The composite cover system will comprise a vapor barrier membrane (minimum 20-mil), which doubles as a demarcation barrier; concrete building slabs; and foundation walls.

A Soil Management Plan will be included in the SMP and will outline the procedures to be followed in the event that the composite cover system and underlying residual contamination are disturbed after the Remedial Action is complete. Maintenance of the composite cover system would be described in the SMP in the FER.

DRAFT

11.0 CRITERIA FOR COMPLETION OF REMEDIATION/ TERMINATION OF REMEDIAL SYSTEMS

11.1 Composite Cover System

If a Track 2 restricted residential use cleanup cannot be achieved in certain portions of the Site, a composite cover system will be necessary for a Track 4 cleanup in those portions of the Site. The composite cover system would be a permanent control, and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity.

11.2 Groundwater Monitoring

Groundwater monitoring activities to assess performance of the Remedial Action, will continue, as determined by NYSDOH and NYSDEC, until residual groundwater concentrations are found to be below AWQSGVs or have become asymptotic over an extended period. Monitoring will continue until permission to discontinue is granted in writing by NYSDEC and NYSDOH. Monitoring activities will be outlined in the Monitoring Plan of the SMP. A minimum of four quarterly monitoring events will be performed following completion of the Remedial Action. Section 8 includes additional details on the groundwater treatment and monitoring program.

DRAFT

12.0 INSTITUTIONAL CONTROLS

After the remedy is complete, the Site will have residual contamination remaining in place. Engineering Controls for the residual contamination have been incorporated into the remedy to render the overall Site remedy protective of public health and the environment. Two elements have been designed to ensure continual and proper management of residual contamination in perpetuity: an Environmental Easement and a SMP.

All as-built drawings, diagrams, calculation and manufacturer documentation for treatment systems will be presented in the FER. A Site-specific Environmental Easement will be recorded with NYC Office of the City Register to provide an enforceable means of ensuring the continual and proper management of residual contamination and protection of public health and the environment in perpetuity or until released in writing by NYSDEC. It requires that the grantor of the Environmental Easement and the grantor's successors and assigns adhere to all Engineering and Institutional Controls placed on this Site by this NYSDEC-approved remedy. Institutional Controls provide restrictions on Site usage and mandate operation, maintenance, monitoring and reporting measures for all Engineering and Institutional Controls. The SMP describes appropriate methods and procedures to ensure compliance with all Engineering and Institutional Controls that are required by the Environmental Easement. Once the SMP has been approved by the NYSDEC, compliance with the SMP is required by the grantor of the Environmental Easement and grantor's successors and assigns.

12.1 Environmental Easement

An Environmental Easement, as defined in Article 71 Title 36 of the ECL, is required when residual contamination is left on-Site after the Remedial Action is complete. As part of this remedy, an Environmental Easement approved by NYSDEC will be filed and recorded with the NYC Office of the City Register. The Environmental Easement will be submitted as part of the FER.

The Environmental Easement renders the Site a Controlled Property. The Environmental Easement must be recorded with the NYC Office of the City Register before the COC can be issued by NYSDEC. A series of Institutional Controls are required under this remedy to implement, maintain and monitor these Engineering Control systems (if necessary), prevent future exposure to residual contamination by controlling disturbances of the subsurface soil and restricting the use of the Site to restricted-residential use(s) only. These Institutional Controls are requirements or restrictions placed on the Site that are listed in, and required by, the Environmental Easement. Institutional Controls can, generally, be subdivided between controls that support Engineering Controls, and those that place general restrictions on Site usage or other requirements. Institutional Controls in both of these groups are closely integrated with the SMP, which provides all of the methods and procedures to be followed to comply with this remedy.

The Institutional Controls that support Engineering Controls are:

- Compliance with the Environmental Easement by the Grantee and the Grantee's successors and adherence of all elements of the SMP is required;
- All Engineering Controls (if necessary) must be operated and maintained as specified in this SMP;
- A composite cover system (if necessary) consisting of a concrete building slabs and/or 2-foot clean soil cap must be inspected, certified and maintained as required in the SMP;
- All Engineering Controls (if necessary) on the Controlled Property must be inspected and certified at a frequency and in a manner defined in the SMP;

DRAFT

- Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP;
- On-Site environmental monitoring devices, including but not limited to, groundwater monitor wells, must be protected and replaced as necessary to ensure proper functioning in the manner specified in the SMP;
- Engineering Controls (if necessary) may not be discontinued without an amendment or extinguishment of the Environmental Easement.

Adherence to these Institutional Controls for the Site is mandated by the Environmental Easement and will be implemented under the SMP (discussed in the next section). The Controlled Property (Site) will also have a series of Institutional Controls in the form of Site restrictions and requirements. The Site restrictions that apply to the Controlled Property are:

- Vegetable gardens and farming on the Controlled Property are prohibited;
- Use of groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for intended purpose;
- All future activities on the Controlled Property that will disturb residual contaminated material are prohibited unless they are conducted in accordance with the soil management provisions in the SMP;
- The Controlled Property may be used for restricted-residential use only, provided the long-term Engineering and Institutional Controls included in the SMP are employed;
- The Controlled Property may not be used for a higher level of use, such as unrestricted use, without an amendment or extinguishment of this Environmental Easement;
- Grantor agrees to submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow. This statement must be certified by an expert that the NYSDEC finds acceptable.

12.2 Site Management Plan

Site Management is the last phase of remediation and begins with the approval of the FER and issuance of the COC for the Remedial Action. The SMP is submitted as part of the FER but will be written in a manner that allows its removal and use as a complete and independent document. Site Management continues in perpetuity or until released in writing by NYSDEC. The property owner is responsible to ensure that all Site Management responsibilities defined in the Environmental Easement and the SMP are performed.

The SMP should include methods to incorporate and track green and sustainable remediation. Measures should be taken to maintain a cost-effective, protective remedy that remains conscientious of the Site's environmental footprint. At a minimum, the following should be assessed: waste generation, energy usage, emissions, and water usage.

The SMP is intended to provide a detailed description of the procedures required to manage residual contamination left in place at the Site following completion of the Remedial Action in accordance

DRAFT

with the BCA with the NYSDEC. This includes: (1) development, implementation, and management of all Engineering and Institutional Controls; (2) development and implementation of monitoring systems and a Monitoring Plan; (3) development of a plan to operate and maintain any treatment, collection, containment, or recovery systems (including, where appropriate, preparation of an Operation and Maintenance Manual); (4) submittal of Site Management Reports, performance of inspections and certification of results, and demonstration of proper communication of Site information to NYSDEC; and (5) defining criteria for termination of treatment system operation.

To address these needs, this SMP will include four plans: (1) an Engineering and Institutional Control Plan for implementation and management of Engineering and Institutional Controls; (2) a Monitoring Plan for implementation of Site Monitoring; (3) an Operation and Maintenance Plan for implementation of remedial collection, containment, treatment, and recovery systems; and (4) a Site Management Reporting Plan for submittal of data, information, recommendations, and certifications to NYSDEC. The SMP will be prepared in accordance with the requirements in NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation and the guidelines provided by NYSDEC.

Site management activities, reporting, and Engineering and Institutional Control certification will be scheduled on a certification period basis. The certification period will be annually. The SMP will be based on the certifying period relative to the date of issuance of the COC. The first submission will be due 16 months after the issuance of the COC, and annually (or at another frequency as approved by NYSDEC) thereafter.

The SMP in the FER will include a monitoring plan for groundwater at the down-gradient Site perimeter to evaluate Site-wide performance of the remedy.

No exclusions for handling of residual contaminated soils will be provided in the SMP. All handling of residual contaminated material will be subject to provisions contained in the SMP.

DRAFT

13.0 FINAL ENGINEERING REPORT

A FER will be submitted to NYSDEC following implementation of the Remedial Action defined in this RAWP. The FER provides the documentation that the remedial work required under this RAWP has been completed and has been performed in compliance with this plan. The FER will provide a comprehensive account of the locations and characteristics of all material removed from the Site including the surveyed map(s) of all sources. The FER will include as-built drawings for all constructed elements, calculation and manufacturer documentation for treatment systems, certifications, manifests, bills of lading as well as the complete SMP. The FER will provide a description of the changes in the Remedial Action from the elements provided in the RAWP and associated design documents. The FER will provide a tabular summary of all performance evaluation sampling results and all material characterization results and other sampling, and chemical analysis performed as part of the Remedial Action. The FER will provide test results demonstrating that all mitigation and remedial systems are functioning properly. The FER will be prepared in conformance with DER-10.

The FER will include written and photographic documentation of all remedial work performed under this remedy.

The FER will include an itemized tabular description of actual costs incurred during all aspects of the Remedial Action.

The FER will provide a thorough summary of all residual contamination left on the Site after the remedy is complete. Residual contamination includes all contamination that exceeds the Track 1 UUSCOs. A table that shows exceedances from Track 1 UUSCOs for all soil/fill remaining at the Site after the Remedial Action and a map that shows the location and summarizes exceedances from Track 1 UUSCOs for all soil/fill remaining at the Site after the Remedial Action will be included in the FER.

The FER will provide a thorough summary of all residual contamination that exceeds the SCOs defined for the Site in the RAWP and must provide an explanation for why the material was not removed as part of the Remedial Action. A table that shows residual contamination in excess of Site SCOs and a map that shows residual contamination in excess of Site SCOs will be included in the FER.

The FER will include an accounting of the destination of all material removed from the Site, including excavated contaminated soil, historic fill, solid waste, hazardous waste, non-regulated material, and fluids. Documentation associated with disposal of all material must also include records and approvals for receipt of the material. It will provide an accounting of the origin and chemical quality of all material imported onto the Site.

The FER must include a discussion of the green remediation practices/technologies employed throughout the remedial program. A final footprint analysis using a DER accepted model, and any tracking methods used through the construction including restoration activities. Before approval of a FER and issuance of a COC, all project reports must be submitted in digital form on electronic media (such as PDF).

13.1 Certifications

The following certification will appear in front of the Executive Summary of the FER. The FER will be prepared, stamped and the following certification signed by an individual licensed or otherwise authorized in accordance with article 145 of the education law to practice the profession of engineering. The certification will include the following statements:

I, _____, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the RAWP was implemented and that all construction activities were completed in substantial conformance with the NYSDEC-approved RAWP.

DRAFT

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a SMP has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by NYSDEC.

DRAFT

14.0 SCHEDULE

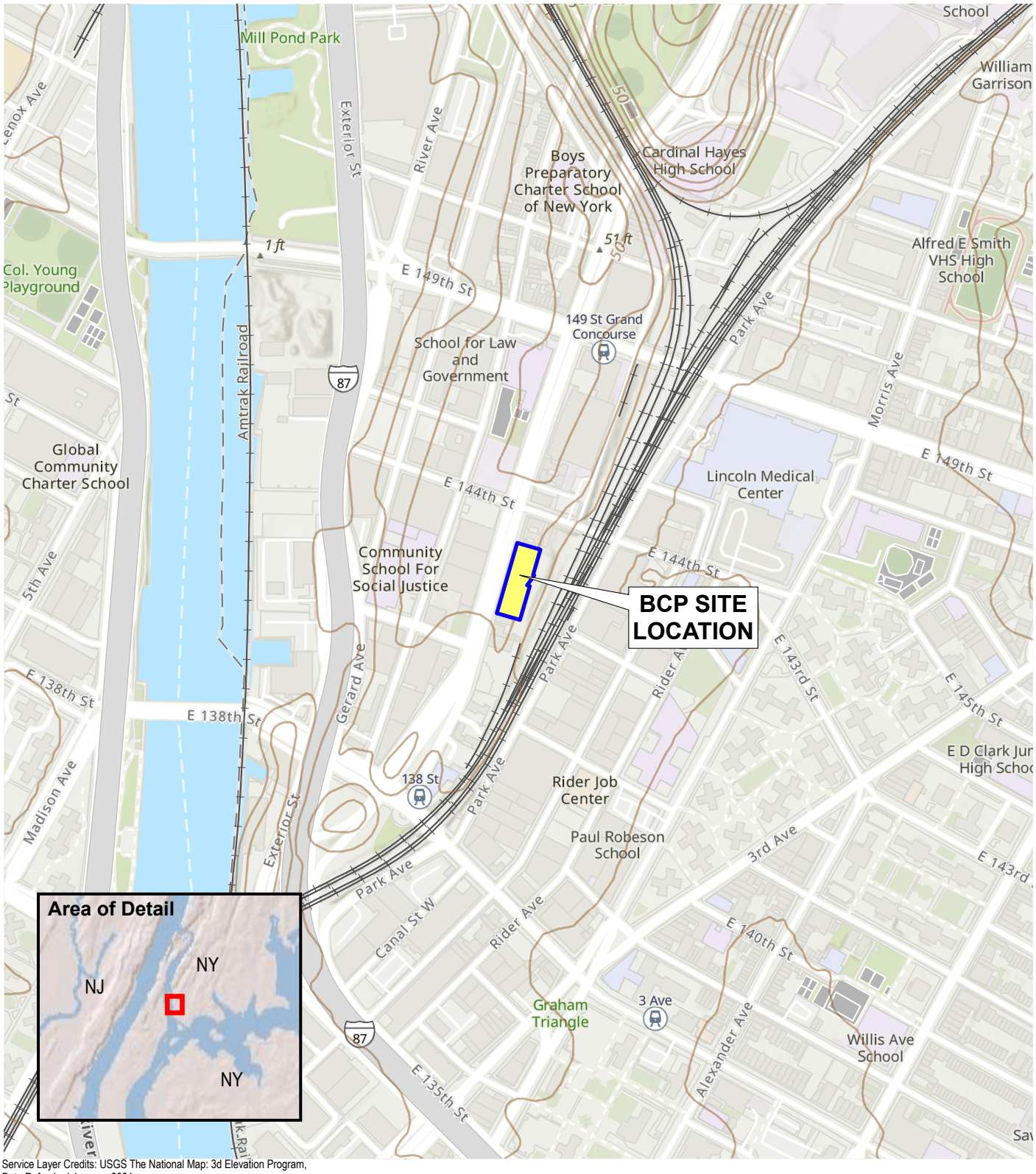
Table J
Proposed Project Schedule

Activity	Time To Complete
Draft RAWP Submitted to NYSDEC	August 2025
Public Comment Period for RAWP	September-October 2025
NYSDEC-Issued RAWP Comments Received	October 2025
Final RAWP Submitted to NYSDEC	November 2025
NYSDEC Approves RAWP, and Issues DD	December 2025
Begin RAWP Implementation	January 2026
Submittal of Draft Environmental Easement	May 2026
Draft SMP Submitted to NYSDEC	August 2026
Execution of Environmental Easement	September 2026
Draft FER Submitted to NYSDEC	October 2026
COC and Fact Sheet	December 2026
Completion of New Building	December 2027

DRAFT

FIGURES

DRAFT



AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx6/19/2025 8:14 PM240979 Fig 1 Site Locationjszalus

akrf

440 Park Avenue South, New York, NY 10016

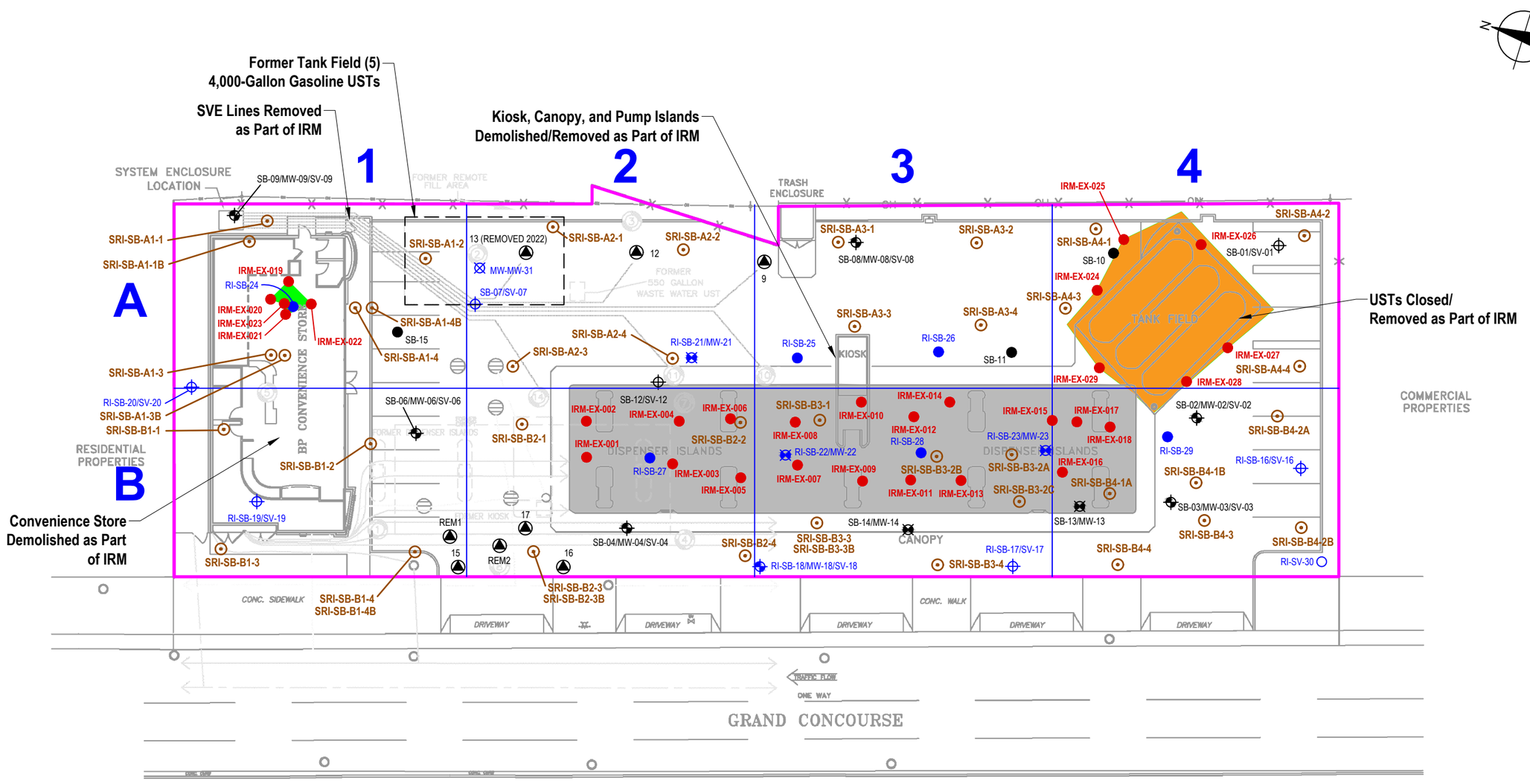
350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
6/19/2025

PROJECT NO.
240979

FIGURE
1



LEGEND

- BCP SITE BOUNDARY
- EXISTING MONITORING WELL LOCATION FROM PREVIOUS ASSESSMENT/REMEDIAL ACTIVITIES (INSTALLED BY OTHERS)
- SOIL BORING LOCATION (2021)
- SOIL BORING/SOIL VAPOR POINT LOCATION (2021)
- SOIL BORING/MONITORING WELL LOCATION (2021)
- SOIL BORING/MONITORING WELL/SOIL VAPOR POINT LOCATION (2021)
- SOIL BORING LOCATION (2022)
- SOIL BORING/SOIL VAPOR POINT LOCATION (2022)
- SOIL BORING/MONITORING WELL LOCATION (2022)
- ATTEMPTED MONITORING WELL LOCATION (NO GROUNDWATER ENCOUNTERED) (2022)
- SOIL BORING/MONITORING WELL LOCATION/SOIL VAPOR POINT (2022)
- SOIL VAPOR POINT LOCATION (2022)
- IRM ENDPOINT SAMPLE LOCATION (2022)
- SOIL BORING LOCATION (2025)
- ALPHANUMERIC GRID
- IRM EXCAVATION (2022) - CONCRETE SLAB WAS REMOVED AND SOIL WAS EXCAVATED ONLY AS NECESSARY TO REMOVE THE FORMER DISPENSER FUEL PIPING. ENDPOINT SAMPLES WERE COLLECTED AT 3-4 FEET BGS IN THE EXCAVATION AREAS.
- IRM EXCAVATION (2022) - REMEDIAL EXCAVATION TO 5 FEET BGS TO REMOVE LEAD (NON-HAZARDOUS HOTSPOT)
- IRM EXCAVATION (2022) - REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*

NOTE:
THE SITE BACKGROUND SHOWS THE FORMER GAS STATION, WHICH HAS BEEN FULLY DEMOLISHED. THE SITE IS NOW VACANT AND FREE OF ANY STRUCTURES.

*UNDERLYING CONCRETE SLAB WAS BENEATH THE USTS. ATTEMPTS WERE MADE TO BREAK THE SLAB; HOWEVER, THEY WERE UNSUCCESSFUL. THEREFORE, NO ENDPOINT SAMPLES WERE ABLE TO BE COLLECTED FROM BENEATH THE USTS.

BGS - BELOW GROUND SURFACE
UST - UNDERGROUND STORAGE TANK
IRM - INTERIM REMEDIAL MEASURE

0 15 30 60
SCALE IN FEET

Map Source:
EnviroTrac "370 Grand Concourse Bronx, New York - Site Plan", Figure 2, Dated April 16, 2019.
AKRF Monitoring Well Locations Surveyed by Fehringer Surveying, P.C. on October 14, 2021.

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

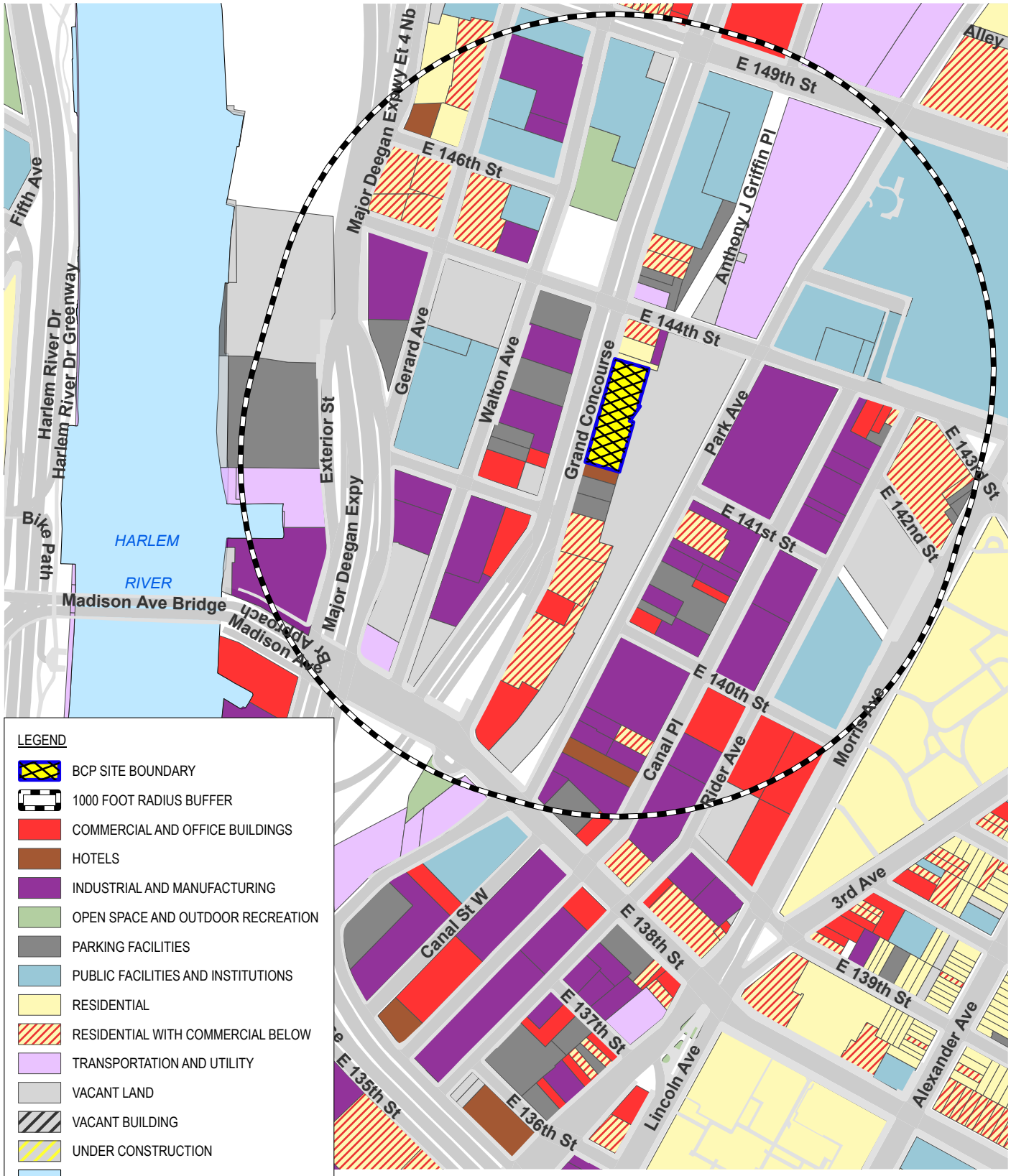
SITE PLAN AND SAMPLING LOCATION PLAN

DATE
8/14/2025

PROJECT NO.
240979

FIGURE
2

©2025 AKRF, Inc Q:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\Technical\Hazmat\CAD\RAWP\240979 Fig 2 Site Plan and Sampling Location Plan.dwg last save: mvelleux 8/14/2025 11:33 AM



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

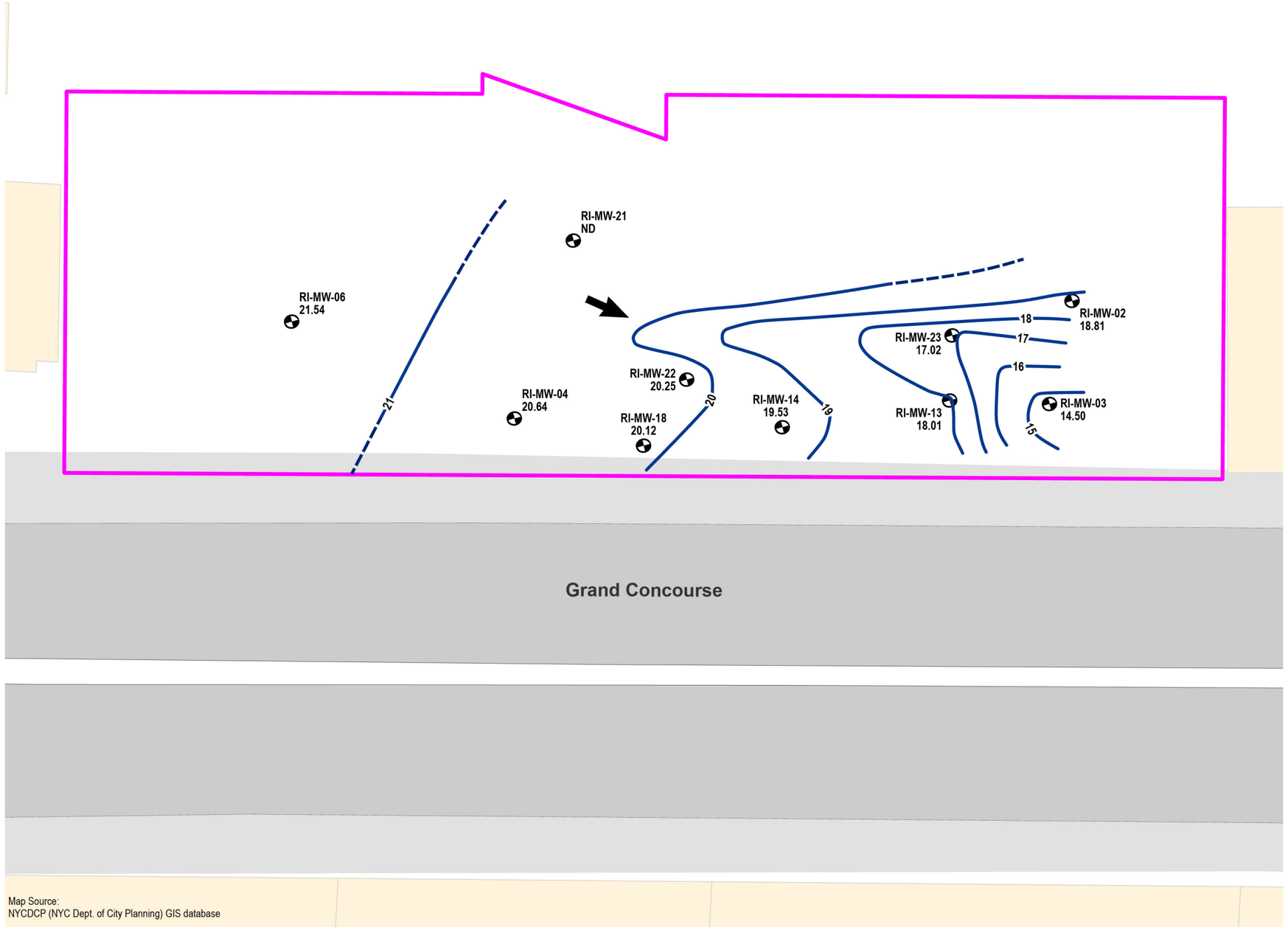
SURROUNDING LAND USE AND SENSITIVE RECEPTORS

DATE
6/19/2025

PROJECT NO.
240979

FIGURE
3

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx6/19/2025 8:14 PM240979 Fig 3 Surrounding Land Use AND SENSITIVE RECEPTORSjszalus



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- BCP SITE BOUNDARY
- BUILDING
- MONITORING WELL ID WITH ELEVATION
- GROUNDWATER FLOW DIRECTION
- INFERRED GROUNDWATER CONTOUR ELEVATION
- GROUNDWATER CONTOUR ELEVATION

Monitoring Well ID	Top of Cap Elevation (ft.)	Top of Casing Elevation (ft.)	Depth to Water (ft. bgs)	GW Elevation (ft.)
RI-MW-02	33.25	32.68	13.87	18.81
RI-MW-03	33.12	32.59	18.09	14.50
RI-MW-04	35.47	34.93	14.29	20.64
RI-MW-06	37.14	36.35	14.81	21.54
RI-MW-13	33.45	32.91	14.90	18.01
RI-MW-14	34.34	33.85	14.32	19.53
RI-MW-18	35.17	34.76	14.64	20.12
RI-MW-21	35.85	35.82	ND	ND
RI-MW-22	34.83	34.26	14.01	20.25
RI-MW-23	33.76	33.48	16.46	17.02

Notes:
The groundwater elevation for MW-23 was inconsistent and not used to generate groundwater contours.
Elevations are in North American Vertical Datum of 1988.
bgs - below ground surface
ft. - feet
ND - Not Detected

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

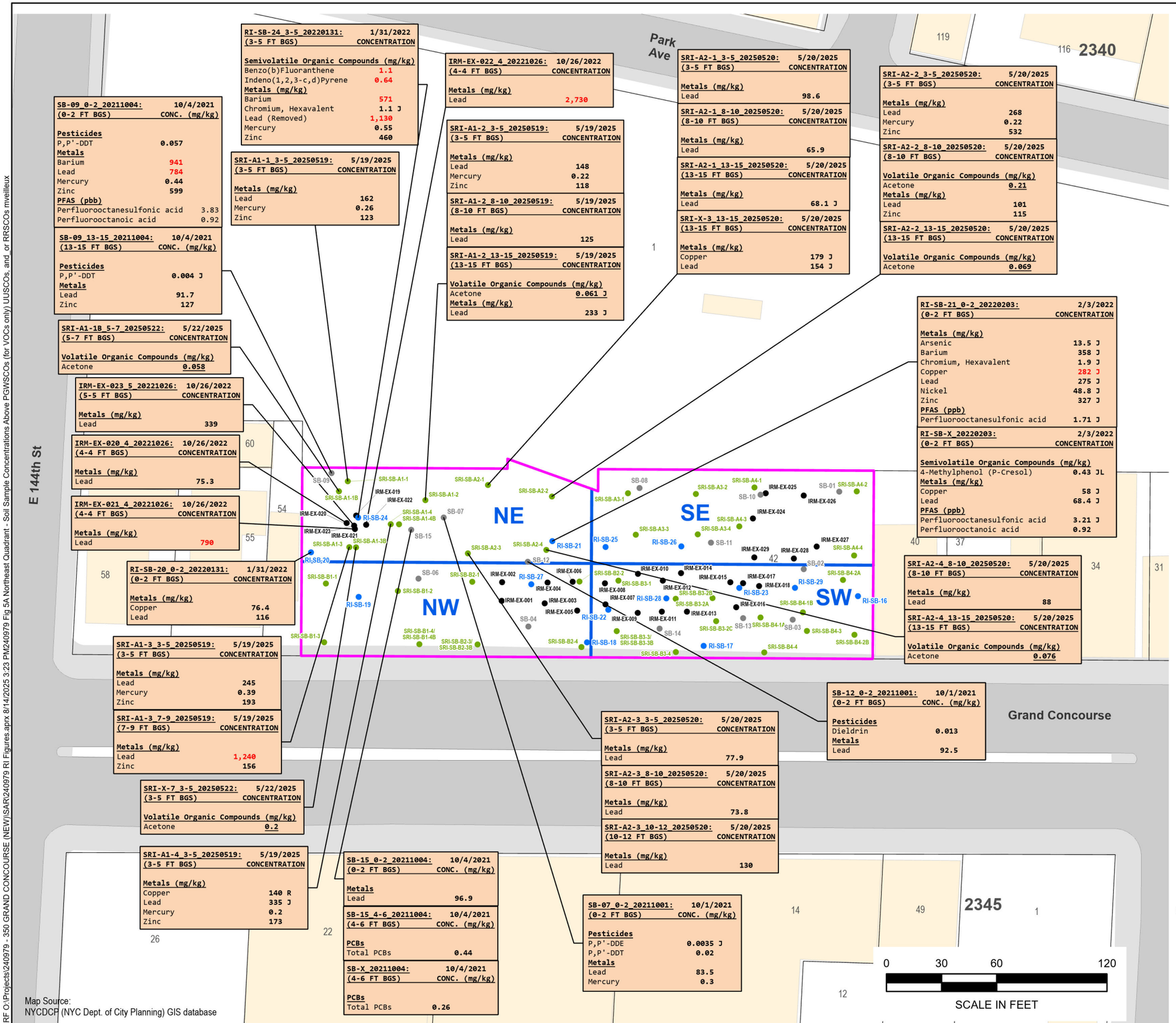
GROUNDWATER ELEVATION CONTOURS - FEBRUARY 11, 2022

DATE
8/14/2025

PROJECT NO.
240979

FIGURE
4

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/14/2025 12:04 PM 240979 Fig 4 Groundwater Elevation Contours mvelleux



SB-09_0-2_20211004: 10/4/2021
(0-2 FT BGS) CONC. (mg/kg)

Pesticides	
P,P'-DDT	0.057
Metals	
Barium	941
Lead	784
Mercury	0.44
Zinc	599
PFAS (ppb)	
Perfluorooctanesulfonic acid	3.83
Perfluorooctanoic acid	0.92

SB-09_13-15_20211004: 10/4/2021
(13-15 FT BGS) CONC. (mg/kg)

Pesticides	
P,P'-DDT	0.004 J
Metals	
Lead	91.7
Zinc	127

SRI-A1-1B_5-7_20250522: 5/22/2025
(5-7 FT BGS) CONCENTRATION

Volatile Organic Compounds (mg/kg)	
Acetone	0.058

IRM-EX-023_5_20221026: 10/26/2022
(5-5 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	339

IRM-EX-020_4_20221026: 10/26/2022
(4-4 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	75.3

IRM-EX-021_4_20221026: 10/26/2022
(4-4 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	790

RI-SB-20_0-2_20220131: 1/31/2022
(0-2 FT BGS) CONCENTRATION

Metals (mg/kg)	
Copper	76.4
Lead	116

SRI-A1-3_3-5_20250519: 5/19/2025
(3-5 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	245
Mercury	0.39
Zinc	193

SRI-A1-3_7-9_20250519: 5/19/2025
(7-9 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	1,240
Zinc	156

SRI-X-7_3-5_20250522: 5/22/2025
(3-5 FT BGS) CONCENTRATION

Volatile Organic Compounds (mg/kg)	
Acetone	0.2

SRI-A1-4_3-5_20250519: 5/19/2025
(3-5 FT BGS) CONCENTRATION

Metals (mg/kg)	
Copper	140 R
Lead	335 J
Mercury	0.2
Zinc	173

RI-SB-24_3-5_20220131: 1/31/2022
(3-5 FT BGS) CONCENTRATION

Semivolatile Organic Compounds (mg/kg)	
Benzo(b)Fluoranthene	1.1
Indeno(1,2,3-c,d)Pyrene	0.64
Metals (mg/kg)	
Barium	571
Chromium, Hexavalent	1.1 J
Lead (Removed)	1,130
Mercury	0.55
Zinc	460

SRI-A1-1_3-5_20250519: 5/19/2025
(3-5 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	162
Mercury	0.26
Zinc	123

IRM-EX-022_4_20221026: 10/26/2022
(4-4 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	2,730

SRI-A1-2_3-5_20250519: 5/19/2025
(3-5 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	148
Mercury	0.22
Zinc	118

SRI-A1-2_8-10_20250519: 5/19/2025
(8-10 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	125

SRI-A1-2_13-15_20250519: 5/19/2025
(13-15 FT BGS) CONCENTRATION

Volatile Organic Compounds (mg/kg)	
Acetone	0.061 J
Metals (mg/kg)	
Lead	233 J

SRI-A2-1_3-5_20250520: 5/20/2025
(3-5 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	98.6

SRI-A2-1_8-10_20250520: 5/20/2025
(8-10 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	65.9

SRI-A2-1_13-15_20250520: 5/20/2025
(13-15 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	68.1 J

SRI-X-3_13-15_20250520: 5/20/2025
(13-15 FT BGS) CONCENTRATION

Metals (mg/kg)	
Copper	179 J
Lead	154 J

SRI-A2-2_3-5_20250520: 5/20/2025
(3-5 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	268
Mercury	0.22
Zinc	532

SRI-A2-2_8-10_20250520: 5/20/2025
(8-10 FT BGS) CONCENTRATION

Volatile Organic Compounds (mg/kg)	
Acetone	0.21
Metals (mg/kg)	
Lead	101
Zinc	115

SRI-A2-2_13-15_20250520: 5/20/2025
(13-15 FT BGS) CONCENTRATION

Volatile Organic Compounds (mg/kg)	
Acetone	0.069

RI-SB-21_0-2_20220203: 2/3/2022
(0-2 FT BGS) CONCENTRATION

Metals (mg/kg)	
Arsenic	13.5 J
Barium	358 J
Chromium, Hexavalent	1.9 J
Copper	282 J
Lead	275 J
Nickel	48.8 J
Zinc	327 J
PFAS (ppb)	
Perfluorooctanesulfonic acid	1.71 J

RI-SB-X_20220203: 2/3/2022
(0-2 FT BGS) CONCENTRATION

Semivolatile Organic Compounds (mg/kg)	
4-Methylphenol (P-Cresol)	0.43 JL
Metals (mg/kg)	
Copper	58 J
Lead	68.4 J
PFAS (ppb)	
Perfluorooctanesulfonic acid	3.21 J
Perfluorooctanoic acid	0.92

SRI-A2-4_8-10_20250520: 5/20/2025
(8-10 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	88

SRI-A2-4_13-15_20250520: 5/20/2025
(13-15 FT BGS) CONCENTRATION

Volatile Organic Compounds (mg/kg)	
Acetone	0.076

SB-12_0-2_20211001: 10/1/2021
(0-2 FT BGS) CONC. (mg/kg)

Pesticides	
Dieldrin	0.013
Metals	
Lead	92.5

SRI-A2-3_3-5_20250520: 5/20/2025
(3-5 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	77.9

SRI-A2-3_8-10_20250520: 5/20/2025
(8-10 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	73.8

SRI-A2-3_10-12_20250520: 5/20/2025
(10-12 FT BGS) CONCENTRATION

Metals (mg/kg)	
Lead	130

SB-15_0-2_20211004: 10/4/2021
(0-2 FT BGS) CONC. (mg/kg)

Metals	
Lead	96.9

SB-15_4-6_20211004: 10/4/2021
(4-6 FT BGS) CONC. (mg/kg)

PCBs	
Total PCBs	0.44

SB-X_20211004: 10/4/2021
(4-6 FT BGS) CONC. (mg/kg)

PCBs	
Total PCBs	0.26

SB-07_0-2_20211001: 10/1/2021
(0-2 FT BGS) CONC. (mg/kg)

Pesticides	
P,P'-DDE	0.0035 J
P,P'-DDT	0.02
Metals	
Lead	83.5
Mercury	0.3

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- BCP SITE BOUNDARY
- 20 LOT BOUNDARY AND TAX LOT NUMBER
- 2389 BLOCK NUMBER
- BUILDING
- SOIL BORING LOCATION (2021)
- SOIL BORING LOCATION (2022)
- IRM ENDPOINT SAMPLE LOCATION (2022)
- SOIL BORING LOCATION (2025)
- FIGURE QUADRANT (NE, SE, NW, SW)

FIGURE NOTES:

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red.
Exceedances of NYSDEC Protected Groundwater Soil Cleanup Objectives (PGWSCOs) for VOCs are presented in underline.

Acetone appears to be a lab contaminant, not a contaminant of concern.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.
R: Indicates the reported result is unusable. (note: the analyte may or may not be present.)
L: Sample result is estimated and biased low.
BGS - Below Ground Surface
UST - Underground Storage Tank
NE - Northeast NW - Northwest
SE - Southeast SW - Southwest

SB-X_20211004 is a blind duplicate of sample SB-15_4-6_20211004.
SRI-X-7_3-5_20250522 is a blind duplicate of sample SRI-A1-3B_3-5_20250522.
SRI-X-3_13-15_20250520 is a blind duplicate of sample SRI-A2-1_13-15_20250520.
RI-SB-X_20220203 is a blind duplicate of sample RI-SB-21_0-2_20220203.

	RRSCO PART 375 mg/kg	UUSCO PART 375 mg/kg	PGWSCO PART 375 mg/kg
Volatile Organic Compounds			
Acetone	100	0.05	0.05
Semivolatile Organic Compounds			
4-Methylphenol (P-Cresol)	100	0.33	-
Benzo(b)Fluoranthene	1	1	-
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	-
Metals			-
Arsenic	16	13	-
Barium	400	350	-
Chromium, Hexavalent	110	1	-
Copper	270	50	-
Lead	400	63	-
Mercury	0.81	0.18	-
Nickel	310	30	-
Zinc	10,000	109	-
PCBs			
Total PCBs	0.1	1	-
Pesticides			-
Dieldrin	0.2	0.005	-
P,P'-DDE	8.9	0.0033	-
P,P'-DDT	7.9	0.0033	-
	PFAS GUIDANCE VALUES RRSCOs ppb	**PFAS GUIDANCE VALUES UUSCOs ppb**	
PFAS			
Perfluorooctanesulfonic acid (PFOS)	44	0.88	
Perfluorooctanoic acid (PFOA)	33	0.66	

Sample ID — Sample Date

RI-SB-20_0-2_20220131: 1/31/2022
(0-2 FT BGS) CONCENTRATION

Metals (mg/kg)	
Copper	76.4
Lead	116

Analyte/Compound — Concentration

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

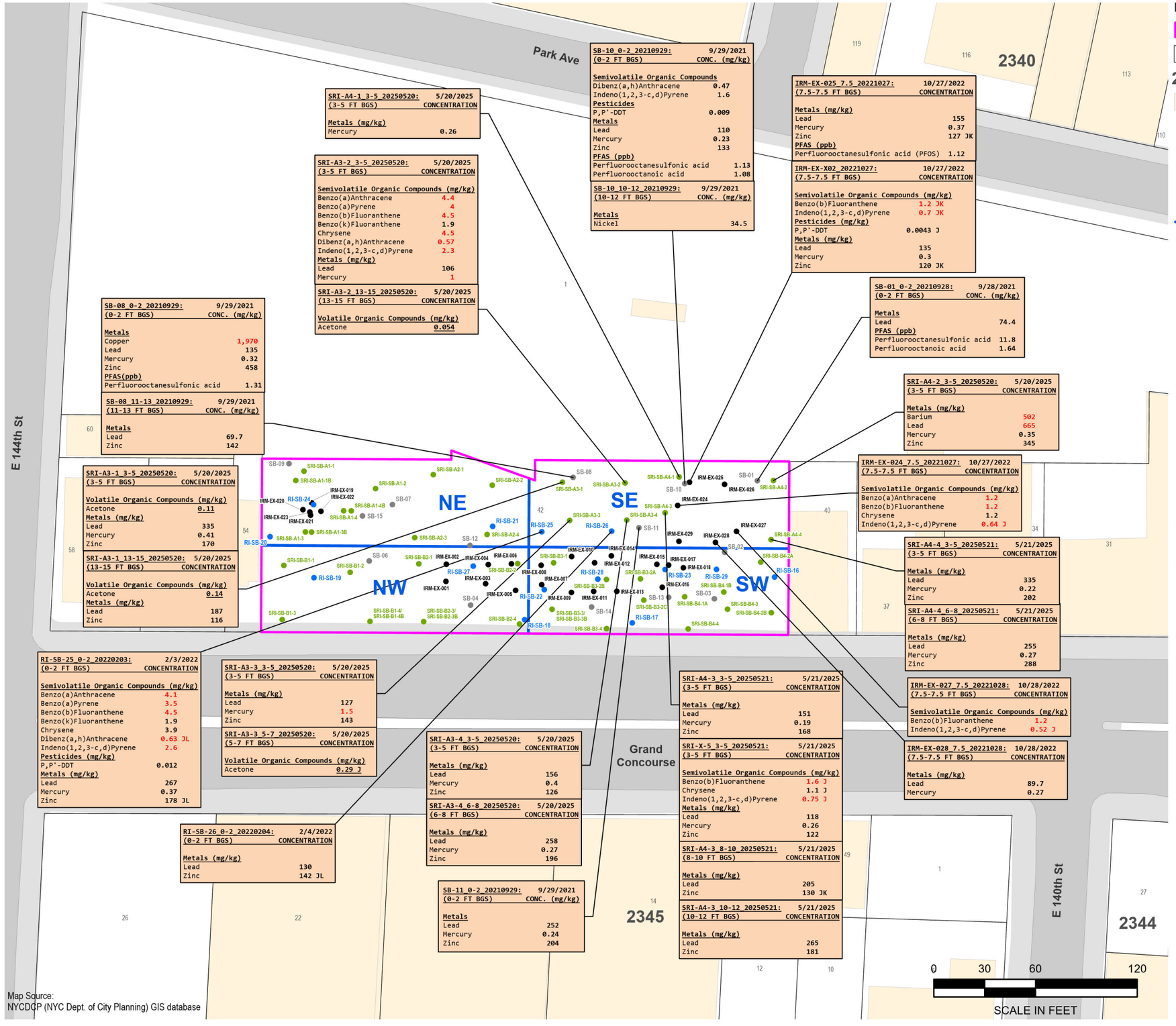
Northeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and/or RRSCOs

DATE
8/14/2025

PROJECT NO.
240979

FIGURE
5A

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/14/2025 3:23 PM 240979 Fig 5A Northeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs and_or RRSCOs mveilleux



LEGEND

- BCP SITE BOUNDARY
- 20 LOT BOUNDARY AND TAX LOT NUMBER
- 2389 BLOCK NUMBER
- BUILDING
- SOIL BORING LOCATION (2021)
- SOIL BORING LOCATION (2022)
- IRM ENDPOINT SAMPLE LOCATION (2022)
- SOIL BORING LOCATION (2025)
- FIGURE QUADRANT (NE, SE, NW, SW)

FIGURE NOTES:

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red
Exceedances of NYSDEC Protected Groundwater Soil Cleanup Objectives (PGWSCOs) for VOCs are presented in underline.

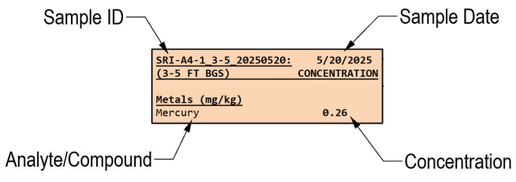
Acetone appears to be a lab contaminant, not a contaminant of concern.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.
K: Reported concentration value is proportional to dilution factor and may be exaggerated.
L: Sample result is estimated and biased low.
BGS - Below Ground Surface
UST - Underground Storage Tank
NE - Northeast
SE - Southeast
NW - Northwest
SW - Southwest

IRM-EX-X02_20221027 is a blind duplicate of sample IRM-EX-025_7.5_20221027

	RRSCO PART 375 mg/kg	UUSCO PART 375 mg/kg	PGWSCO PART 375 mg/kg
Volatile Organic Compounds			
Acetone	100	0.05	0.05
Semivolatile Organic Compounds			
Benzo(a)Anthracene	1	1	-
Benzo(a)Pyrene	1	1	-
Benzo(b)Fluoranthene	1	1	-
Benzo(k)Fluoranthene	3.9	0.8	-
Chrysene	3.9	1	-
Dibenz(a,h)Anthracene	0.33	0.33	-
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	-
Metals			
Barium	400	350	-
Copper	270	50	-
Lead	400	63	-
Mercury	0.81	0.18	-
Nickel	310	30	-
Zinc	10,000	109	-
Pesticides			
P,P'-DDT	7.9	0.0033	-
	PFAS GUIDANCE VALUES RRSCOs ppb	**PFAS GUIDANCE VALUES UUSCOs ppb**	
PFAS			
Perfluorooctanesulfonic acid (PFOS)	44	0.88	
Perfluorooctanoic acid (PFOA)	33	0.66	



akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

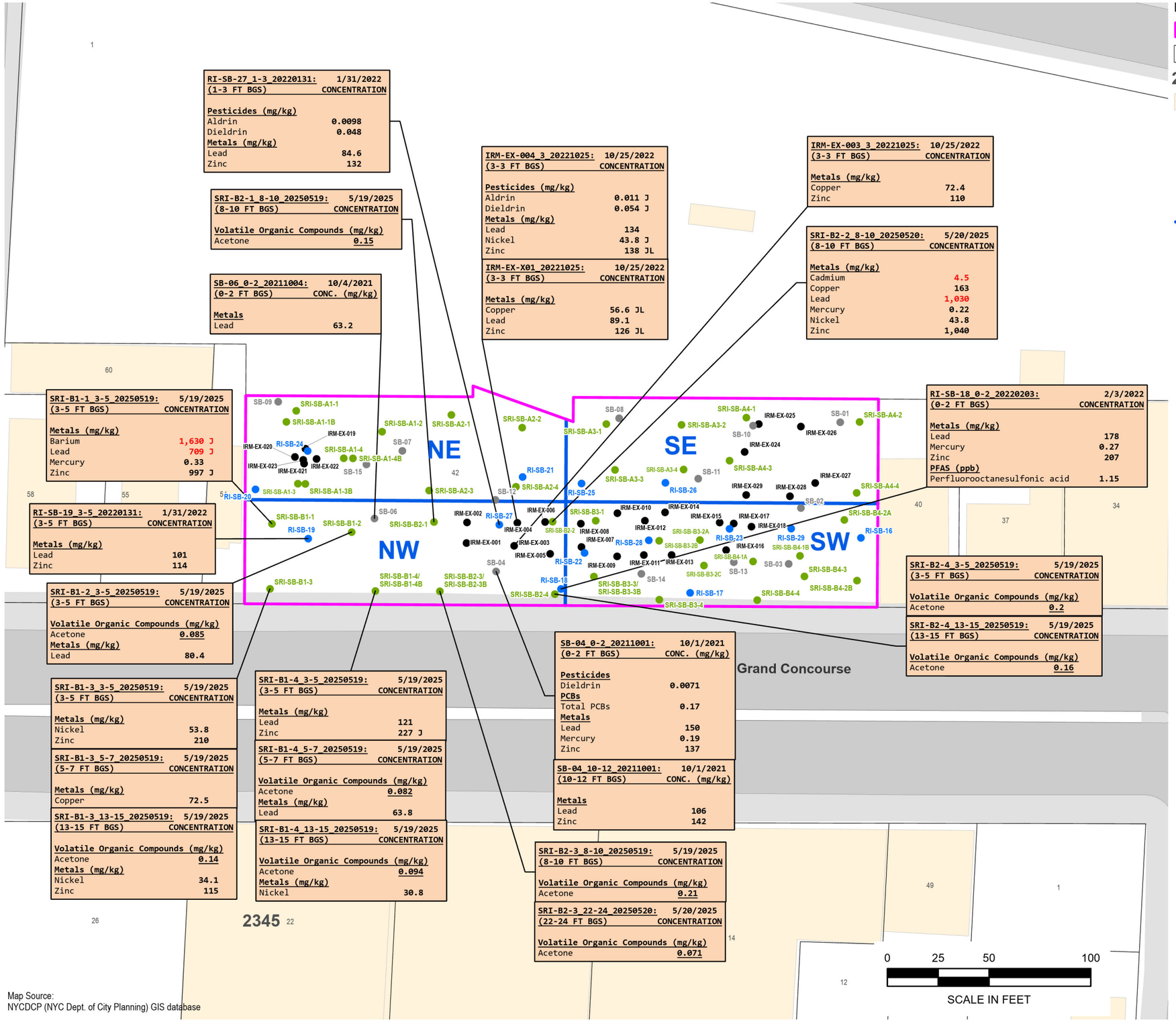
Southeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and/or RRSCOs

DATE
8/14/2025

PROJECT NO.
240979

FIGURE
5B

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/14/2025 4:01 PM240979 Fig 5B Southeast Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs_and_or RRSCOs mveilleux



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- BCP SITE BOUNDARY
- 20 LOT BOUNDARY AND TAX LOT NUMBER
- 2389 BLOCK NUMBER
- BUILDING
- SOIL BORING LOCATION (2021)
- SOIL BORING LOCATION (2022)
- IRM ENDPOINT SAMPLE LOCATION (2022)
- SOIL BORING LOCATION (2025)
- FIGURE QUADRANT (NE, SE, NW, SW)

FIGURE NOTES:

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red
Exceedances of NYSDEC Protected Groundwater Soil Cleanup Objectives (PGWSCOs) for VOCs are presented in underline.

Acetone appears to be a lab contaminant, not a contaminant of concern.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.
L: Sample result is estimated and biased low.
BGS - Below Ground Surface
UST - Underground Storage Tank
NE - Northeast
SE - Southeast
NW - Northwest
SW - Southwest

IRM-EX-X01_20221025 is a blind duplicate of sample IRM-EX-004_3_20221025

	RRSCO PART 375 mg/kg	UUSCO PART 375 mg/kg	PGWSCO PART 375 mg/kg
Volatile Organic Compounds			
Acetone	100	0.05	0.05
Semivolatile Organic Compounds			
Metals			
Cadmium	4.3	2.5	
Barium	400	350	-
Copper	270	50	-
Lead	400	63	-
Mercury	0.81	0.18	-
Nickel	310	30	-
Zinc	10,000	109	-
PCBs			-
Total PCBs	0.1	1	-
Pesticides			-
Aldrin	0.097	0.005	-
Dieldrin	0.2	0.005	-
	PFAS GUIDANCE VALUES RRSCOs ppb	**PFAS GUIDANCE VALUES UUSCOs ppb**	
PFAS			
Perfluorooctanesulfonic acid (PFOS)	44	0.88	

Sample ID — Sample Date

SB-06_0-2_20211004: 10/4/2021
(0-2 FT BGS) CONC. (mg/kg)
Metals
Lead 63.2

Analyte/Compound — Concentration

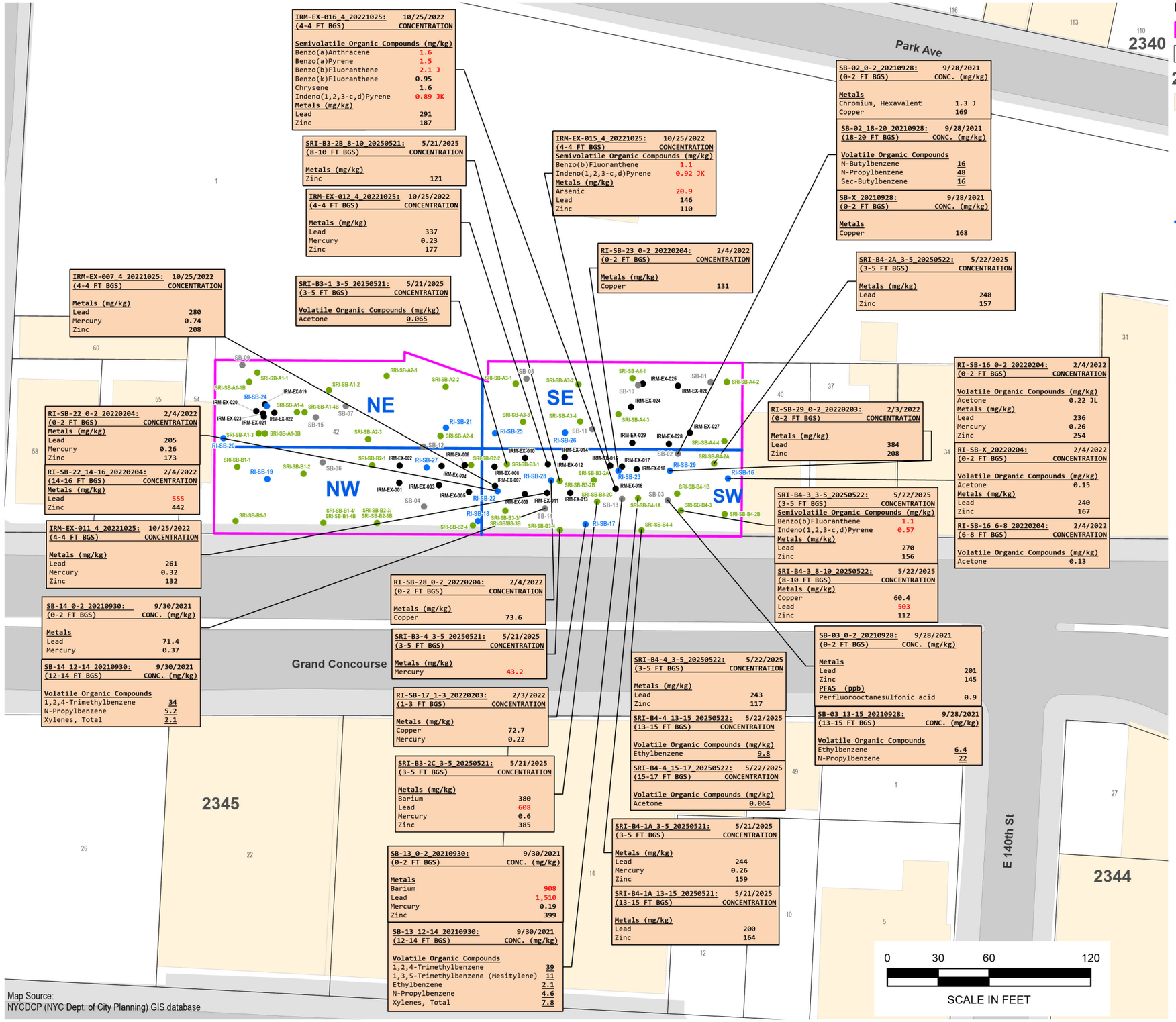
akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

Northwest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and/or RRSCOs

DATE
8/14/2025
PROJECT NO.
240979
FIGURE
5C

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/14/2025 4:13 PM240979 Fig 5C NorthWest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and_or RRSCOs mvelleux



LEGEND

- BCP SITE BOUNDARY
- 20 LOT BOUNDARY AND TAX LOT NUMBER
- 2389 BLOCK NUMBER
- BUILDING
- SOIL BORING LOCATION (2021)
- SOIL BORING LOCATION (2022)
- IRM ENDPOINT SAMPLE LOCATION (2022)
- SOIL BORING LOCATION (2025)
- FIGURE QUADRANT (NE, SE, NW, SW)

FIGURE NOTES:

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red
Exceedances of NYSDEC Protected Groundwater Soil Cleanup Objectives (PGWSCOs) for VOCs are presented in underline.

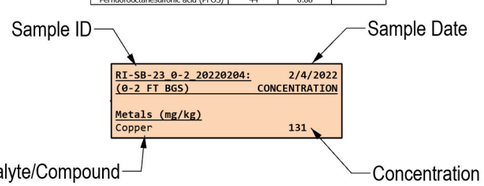
Acetone appears to be a lab contaminant, not a contaminant of concern.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value
L: Sample result is estimated and biased low..
K: Reported concentration value is proportional to dilution factor and may be exaggerated.
BGS - Below Ground Surface
UST - Underground Storage Tank
NE - Northeast
SE - Southeast
NW - Northwest
SW - Southwest

SB-X_20210928 is a blind duplicate of sample SB-02_0-2_20210928
RI-SB-X_20220204 is a blind duplicate of sample RI-SB-16_0-2_20220204

	RRSCO PART 375 mg/kg	UUSCO PART 375 mg/kg	PGWSCO PART 375 mg/kg
Volatile Organic Compounds			
Acetone	0.05	100	0.05
1,2,4-Trimethylbenzene	3.6	52	3.6
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4
Ethylbenzene	1	41	1
N-Butylbenzene	12	100	12
N-Propylbenzene	3.9	100	3.9
Sec-Butylbenzene	11	100	11
Xylenes, Total	0.26	100	1.6
Semivolatile Organic Compounds			
Benzo(a)Anthracene	1	1	-
Benzo(a)Pyrene	1	1	-
Benzo(b)Fluoranthene	1	1	-
Benzo(k)Fluoranthene	3.9	0.8	-
Chrysene	3.9	1	-
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	-
Metals			
Arsenic	16	13	-
Barium	400	350	-
Chromium, Hexavalent	110	1	-
Copper	270	50	-
Lead	400	63	-
Mercury	0.81	0.18	-
Zinc	10,000	109	-
	PFAS GUIDANCE VALUES RRSCOs ppb	PFAS GUIDANCE VALUES UUSCOs ppb	
PFAS			
Perfluorooctanesulfonic acid (PFOS)	44	0.88	



akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

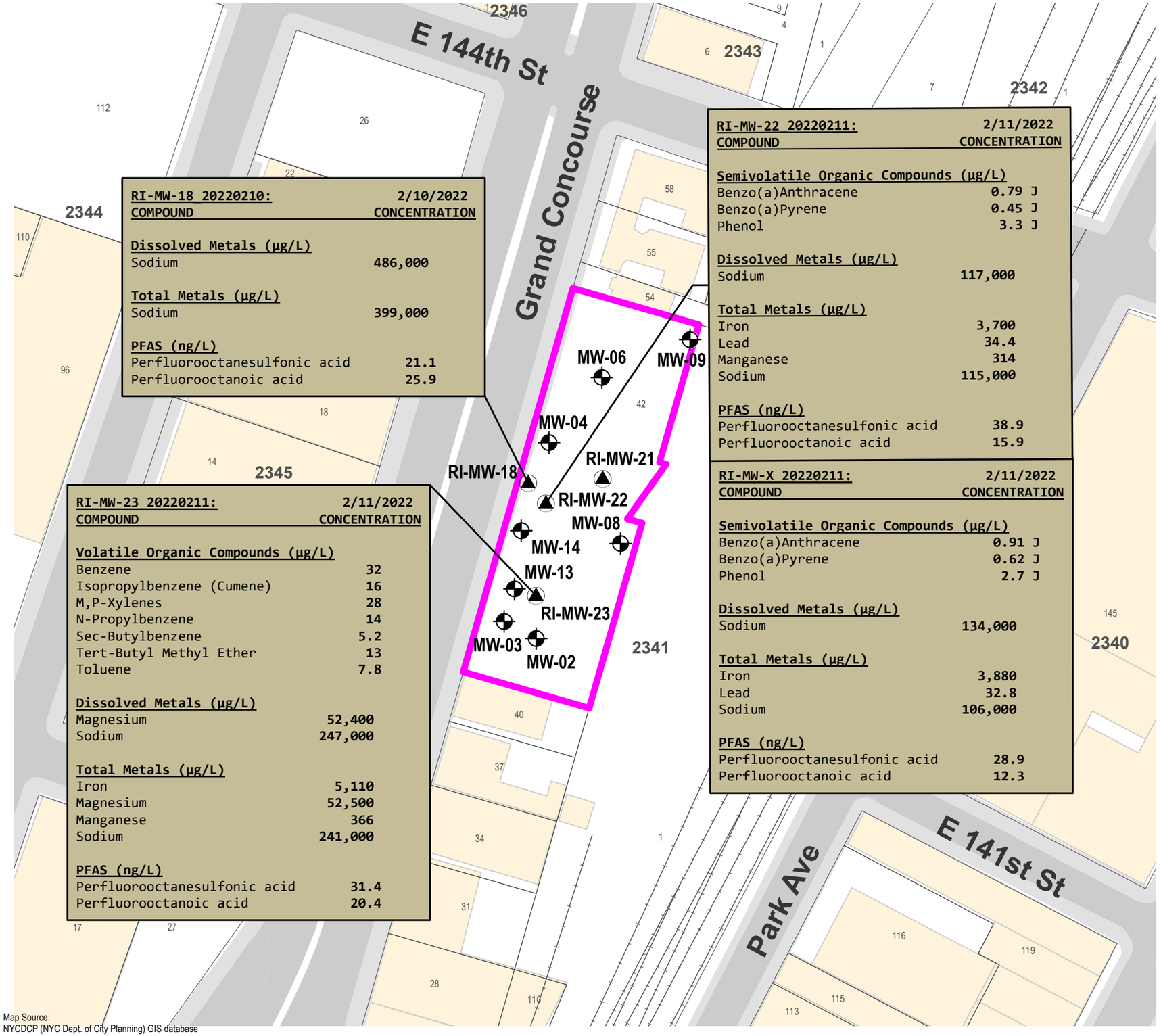
Southwest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and/or RRSCOs

DATE
8/14/2025

PROJECT NO.
240979

FIGURE
5D

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/14/2025 4:39 PM240979 Fig 5D SouthWest Quadrant - Soil Sample Concentrations Above PGWSCOs (for VOCs only) UUSCOs, and or RRSCOs mvelleux



RI-MW-18 20220210:	2/10/2022
COMPOUND	CONCENTRATION
Dissolved Metals (µg/L)	
Sodium	486,000
Total Metals (µg/L)	
Sodium	399,000
PFAS (ng/L)	
Perfluorooctanesulfonic acid	21.1
Perfluorooctanoic acid	25.9

RI-MW-23 20220211:	2/11/2022
COMPOUND	CONCENTRATION
Volatile Organic Compounds (µg/L)	
Benzene	32
Isopropylbenzene (Cumene)	16
M,P-Xylenes	28
N-Propylbenzene	14
Sec-Butylbenzene	5.2
Tert-Butyl Methyl Ether	13
Toluene	7.8
Dissolved Metals (µg/L)	
Magnesium	52,400
Sodium	247,000
Total Metals (µg/L)	
Iron	5,110
Magnesium	52,500
Manganese	366
Sodium	241,000
PFAS (ng/L)	
Perfluorooctanesulfonic acid	31.4
Perfluorooctanoic acid	20.4

RI-MW-22 20220211:	2/11/2022
COMPOUND	CONCENTRATION
Semivolatile Organic Compounds (µg/L)	
Benzo(a)Anthracene	0.79 J
Benzo(a)Pyrene	0.45 J
Phenol	3.3 J
Dissolved Metals (µg/L)	
Sodium	117,000
Total Metals (µg/L)	
Iron	3,700
Lead	34.4
Manganese	314
Sodium	115,000
PFAS (ng/L)	
Perfluorooctanesulfonic acid	38.9
Perfluorooctanoic acid	15.9

RI-MW-X 20220211:	2/11/2022
COMPOUND	CONCENTRATION
Semivolatile Organic Compounds (µg/L)	
Benzo(a)Anthracene	0.91 J
Benzo(a)Pyrene	0.62 J
Phenol	2.7 J
Dissolved Metals (µg/L)	
Sodium	134,000
Total Metals (µg/L)	
Iron	3,880
Lead	32.8
Sodium	106,000
PFAS (ng/L)	
Perfluorooctanesulfonic acid	28.9
Perfluorooctanoic acid	12.3

LEGEND

- BCP SITE BOUNDARY
- 42 — LOT BOUNDARY AND TAX LOT NUMBER
- 2341 — BLOCK NUMBER
- BUILDING
- RAILROAD
- GROUNDWATER MONITORING WELL (2021) - NOT SAMPLED AS PART OF THE RI. SAMPLED DURING THE 2021 PHASE II INVESTIGATION
- GROUNDWATER MONITORING WELL (2022)

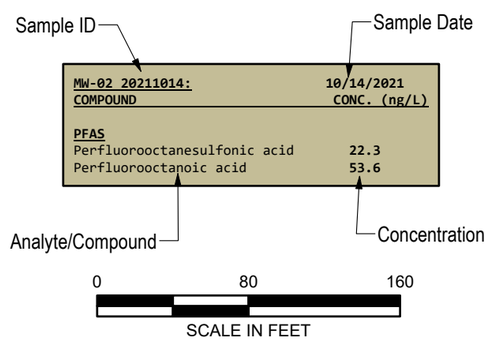
NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs):
New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) (1.1.1):

PFAS: Per- and polyfluoroalkyl substances

µg/L: Micrograms per Liter = parts per billion (ppb)
ng/L: Nanograms per Liter = parts per trillion (ppt)

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

	NYSDEC AWQSGVs µg/l	NYSDEC AWQSGVs PFAS ng/L
Volatile Organic Compounds		
Benzene	1	-
Isopropylbenzene (Cumene)	5	-
Sec-Butylbenzene	5	-
1,2,4-Trimethylbenzene	5	-
1,3,5-Trimethylbenzene (Mesitylene)	5	-
Ethylbenzene	5	-
Naphthalene	10	-
N-Butylbenze	5	-
N-Propylbenzene	5	-
O-Xylene (1,2-Dimethylbenzene)	5	-
Tert-Butyl Methyl Ether (MTBE)	10	-
Toluene	5	-
Xylenes, M,P	5	-
Semivolatile Organic Compounds		-
Benzo(a)Anthracene	0.002	-
Benzo(a)Pyrene	0	-
Phenol	1	-
2,4 Dimethylphenol	50	-
Metals		-
Iron	300	-
Lead	25	-
Magnesium	35,000	-
Manganese	300	-
Sodium	20,000	-
PFAS		
Perfluorooctanesulfonic acid (PFOS)		2.7
Perfluorooctanoic acid (PFOA)		6.7



0 80 160
SCALE IN FEET

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

©2025 AKRF C:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 Fig 6 RI Groundwater Sample Concentrations Above AWQSGVs and Screening Levels RAWP.mxd 8/14/2025 2:43:44 PM mvelleux

akrf
440 Park Avenue South, New York, NY 10016

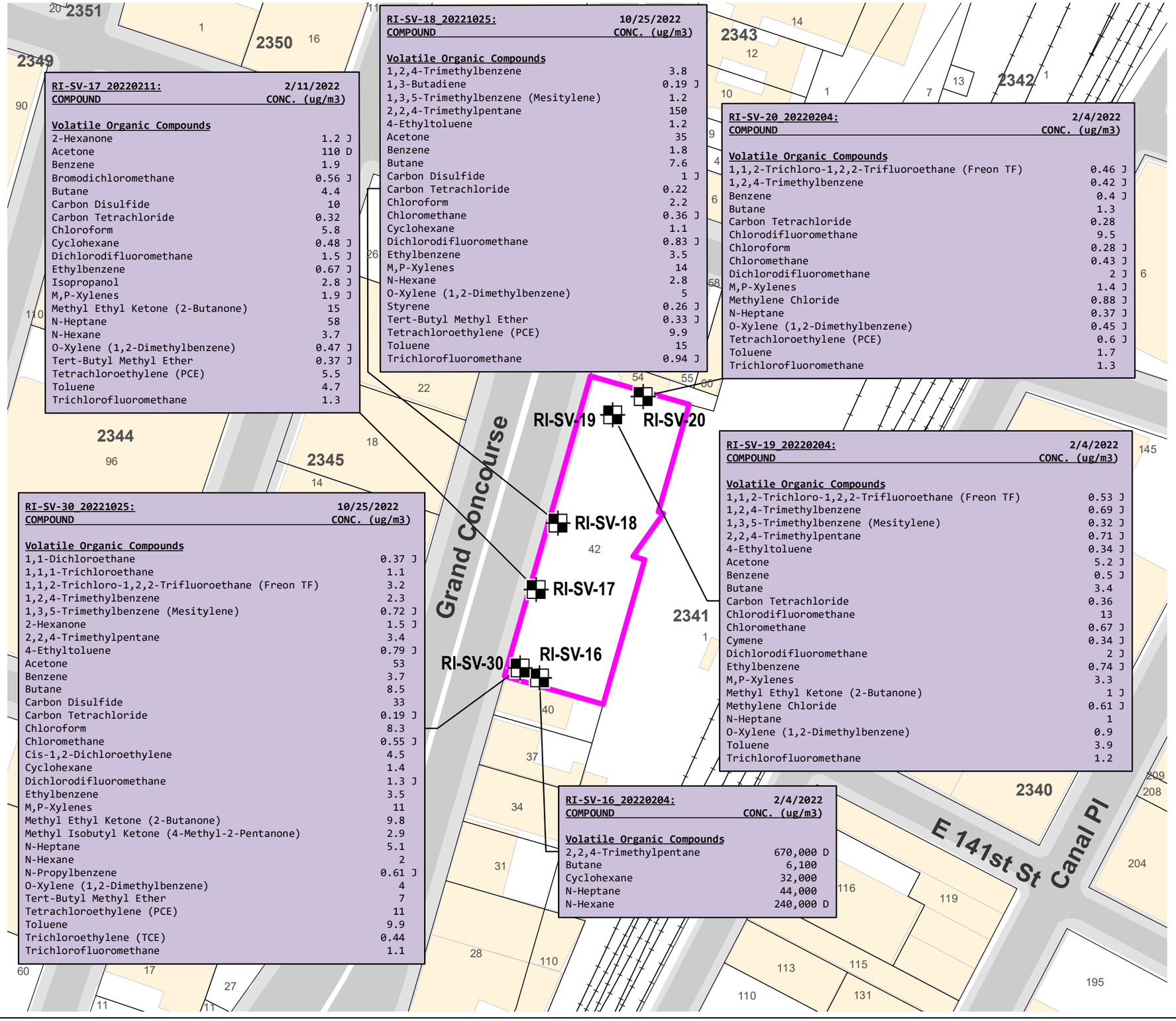
RI GROUNDWATER SAMPLE CONCENTRATIONS ABOVE AWQSGVS AND SCREENING LEVELS

350 Grand Concourse
Bronx, New York

DATE
8/14/2025

PROJECT NO.
240979

FIGURE
6



RI-SV-17 20220211: 2/11/2022

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
2-Hexanone	1.2 J
Acetone	110 D
Benzene	1.9
Bromodichloromethane	0.56 J
Butane	4.4
Carbon Disulfide	10
Carbon Tetrachloride	0.32
Chloroform	5.8
Cyclohexane	0.48 J
Dichlorodifluoromethane	1.5 J
Ethylbenzene	0.67 J
Isopropanol	2.8 J
M,P-Xylenes	1.9 J
Methyl Ethyl Ketone (2-Butanone)	15
N-Heptane	58
N-Hexane	3.7
O-Xylene (1,2-Dimethylbenzene)	0.47 J
Tert-Butyl Methyl Ether	0.37 J
Tetrachloroethylene (PCE)	5.5
Toluene	4.7
Trichlorofluoromethane	1.3

RI-SV-18 20221025: 10/25/2022

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	3.8
1,3-Butadiene	0.19 J
1,3,5-Trimethylbenzene (Mesitylene)	1.2
2,2,4-Trimethylpentane	150
4-Ethyltoluene	1.2
Acetone	35
Benzene	1.8
Butane	7.6
Carbon Disulfide	1 J
Carbon Tetrachloride	0.22
Chloroform	2.2
Chloromethane	0.36 J
Cyclohexane	1.1
Dichlorodifluoromethane	0.83 J
Ethylbenzene	3.5
M,P-Xylenes	14
N-Hexane	2.8
O-Xylene (1,2-Dimethylbenzene)	5
Styrene	0.26 J
Tert-Butyl Methyl Ether	0.33 J
Tetrachloroethylene (PCE)	9.9
Toluene	15
Trichlorofluoromethane	0.94 J

RI-SV-20 20220204: 2/4/2022

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.46 J
1,2,4-Trimethylbenzene	0.42 J
Benzene	0.4 J
Butane	1.3
Carbon Tetrachloride	0.28
Chlorodifluoromethane	9.5
Chloroform	0.28 J
Chloromethane	0.43 J
Dichlorodifluoromethane	2 J
M,P-Xylenes	1.4 J
Methylene Chloride	0.88 J
N-Heptane	0.37 J
O-Xylene (1,2-Dimethylbenzene)	0.45 J
Tetrachloroethylene (PCE)	0.6 J
Toluene	1.7
Trichlorofluoromethane	1.3

RI-SV-19 20220204: 2/4/2022

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.53 J
1,2,4-Trimethylbenzene	0.69 J
1,3,5-Trimethylbenzene (Mesitylene)	0.32 J
2,2,4-Trimethylpentane	0.71 J
4-Ethyltoluene	0.34 J
Acetone	5.2 J
Benzene	0.5 J
Butane	3.4
Carbon Tetrachloride	0.36
Chlorodifluoromethane	13
Chloromethane	0.67 J
Cymene	0.34 J
Dichlorodifluoromethane	2 J
Ethylbenzene	0.74 J
M,P-Xylenes	3.3
Methyl Ethyl Ketone (2-Butanone)	1 J
Methylene Chloride	0.61 J
N-Heptane	1
O-Xylene (1,2-Dimethylbenzene)	0.9
Toluene	3.9
Trichlorofluoromethane	1.2

RI-SV-30 20221025: 10/25/2022

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,1-Dichloroethane	0.37 J
1,1,1-Trichloroethane	1.1
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	3.2
1,2,4-Trimethylbenzene	2.3
1,3,5-Trimethylbenzene (Mesitylene)	0.72 J
2-Hexanone	1.5 J
2,2,4-Trimethylpentane	3.4
4-Ethyltoluene	0.79 J
Acetone	53
Benzene	3.7
Butane	8.5
Carbon Disulfide	33
Carbon Tetrachloride	0.19 J
Chloroform	8.3
Chloromethane	0.55 J
Cis-1,2-Dichloroethylene	4.5
Cyclohexane	1.4
Dichlorodifluoromethane	1.3 J
Ethylbenzene	3.5
M,P-Xylenes	11
Methyl Ethyl Ketone (2-Butanone)	9.8
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.9
N-Heptane	5.1
N-Hexane	2
N-Propylbenzene	0.61 J
O-Xylene (1,2-Dimethylbenzene)	4
Tert-Butyl Methyl Ether	7
Tetrachloroethylene (PCE)	11
Toluene	9.9
Trichloroethylene (TCE)	0.44
Trichlorofluoromethane	1.1

RI-SV-16 20220204: 2/4/2022

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	670,000 D
Butane	6,100
Cyclohexane	32,000
N-Heptane	44,000
N-Hexane	240,000 D

LEGEND

- BCP SITE BOUNDARY
- 42 — LOT BOUNDARY AND TAX LOT NUMBER
- 2341 — BLOCK NUMBER
- BUILDING
- RAILROAD
- SOL VAPOR POINT LOCATION (2022)

SOIL VAPOR

µg/m³- micrograms per cubic meter

D: Analyte concentration obtained from dilution.
J: The concentration given is an estimated value.

Sample ID — Sample Date

RI-SV-16 20220204: 2/4/2022

COMPOUND	CONC.(µg/m³)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	670,000 D
Butane	6,100
Cyclohexane	32,000
N-Heptane	44,000
N-Hexane	240,000 D

Analyte/Compound — Concentration

0 100 200
SCALE IN FEET

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

akrf
440 Park Avenue South, New York, NY 10016

RI SOIL VAPOR SAMPLE CONCENTRATIONS

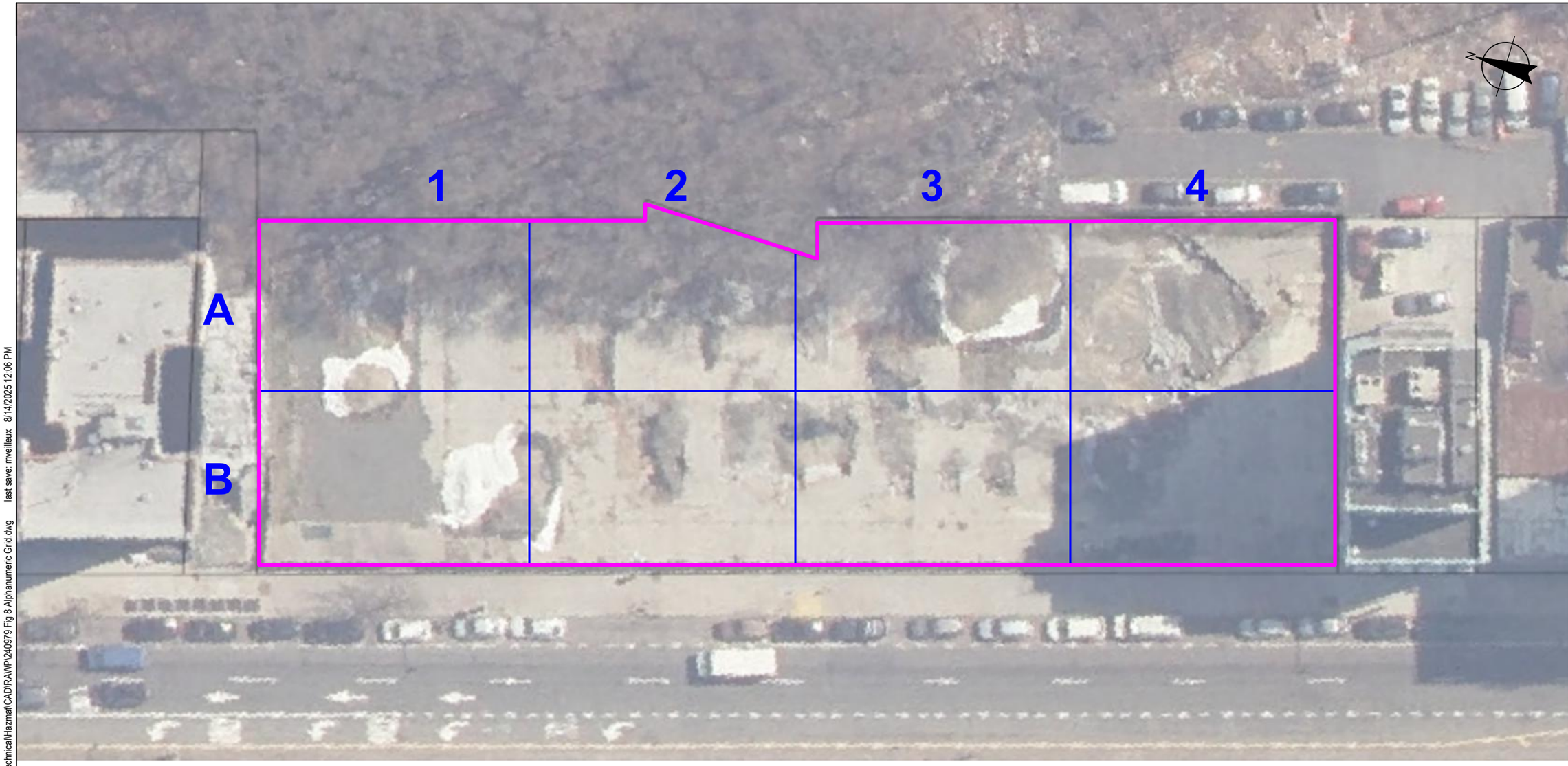
350 Grand Concourse
Bronx, New York

DATE
6/30/2025

PROJECT NO.
240979

FIGURE
7

©2025 AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 Fig 7 Soil Vapor Concentrations RI.mxd6/26/2025 1:41:25 PM jszalus



LEGEND

BCP SITE BOUNDARY

ALPHANUMERIC GRID

Map Source:
EnviroTrac "370 Grand Concourse Bronx, New York - Site Plan", Figure 2, Dated April 16, 2019.
AKRF Monitoring Well Locations Surveyed by Fehringer Surveying, P.C. on October 14, 2021.

Aerial Source:
2023 New York State ITS GIS Orthoimagery

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

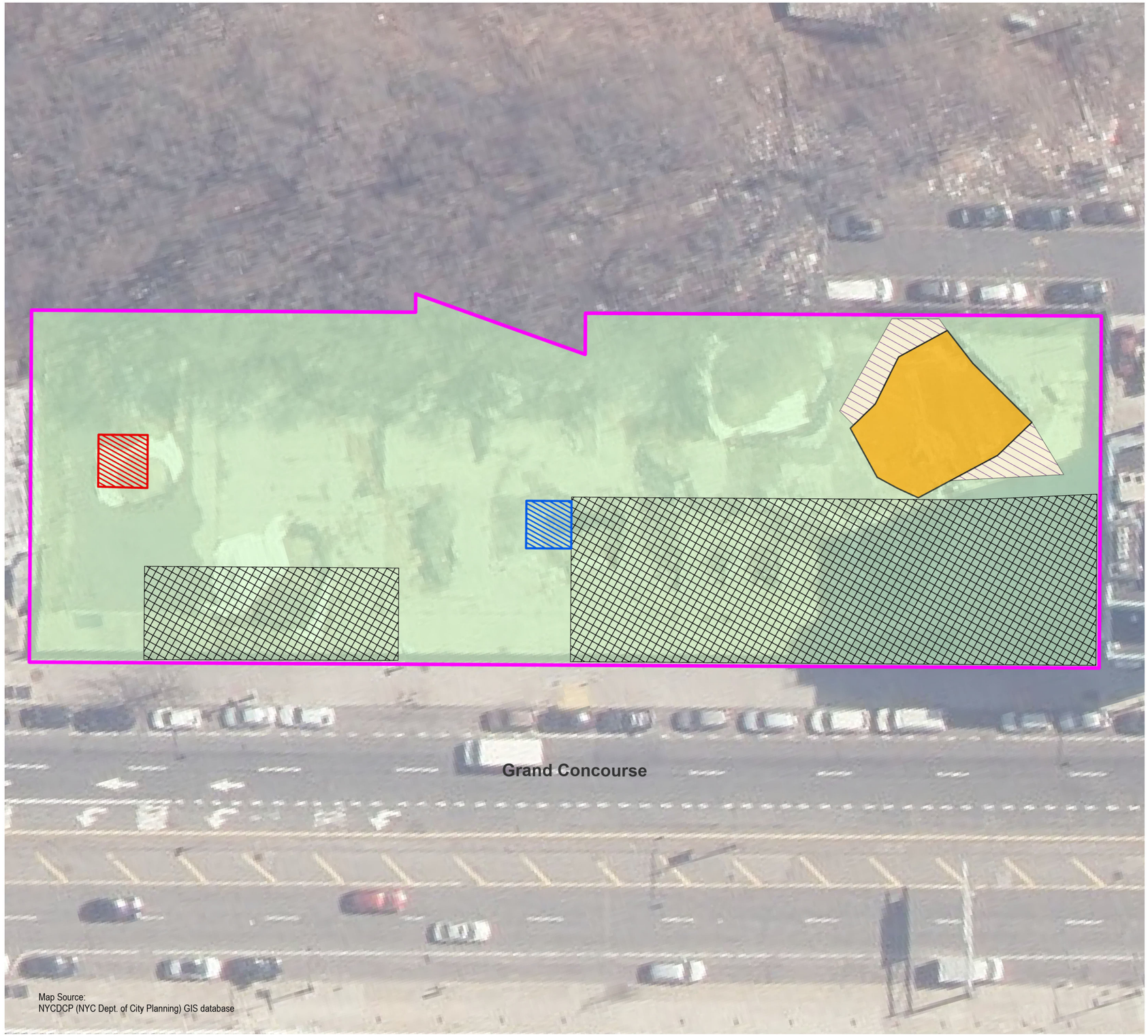
ALPHANUMERIC GRID

DATE
8/14/2025

PROJECT NO.
240979

FIGURE
8

©2025 AKRF, Inc Q:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\Technical\Hazmat\CAD\RAWP\240979 Fig 8 Alphanumeric Grid.dwg last save: mwelleux 8/14/2025 12:06 PM



LEGEND

- BCP SITE BOUNDARY
- IRM EXCAVATION (2022) - REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*
- PROPOSED SITE WIDE REMEDIAL EXCAVATION TO 5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 8.5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 10 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 11 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 20 TO 25 FEET BGS TO REMOVE PETROLEUM HOTSPOTS AND GROUNDWATER TREATMENT AREAS

NOTES:
BGS - BELOW GROUND SURFACE

* UNDERLYING CONCRETE SLAB WAS BENEATH THE USTS. ATTEMPTS WERE MADE TO BREAK THE SLAB; HOWEVER, THEY WERE UNSUCCESSFUL. THEREFORE, NO ENDPOINT SAMPLES WERE ABLE TO BE COLLECTED FROM BENEATH THE USTS.

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

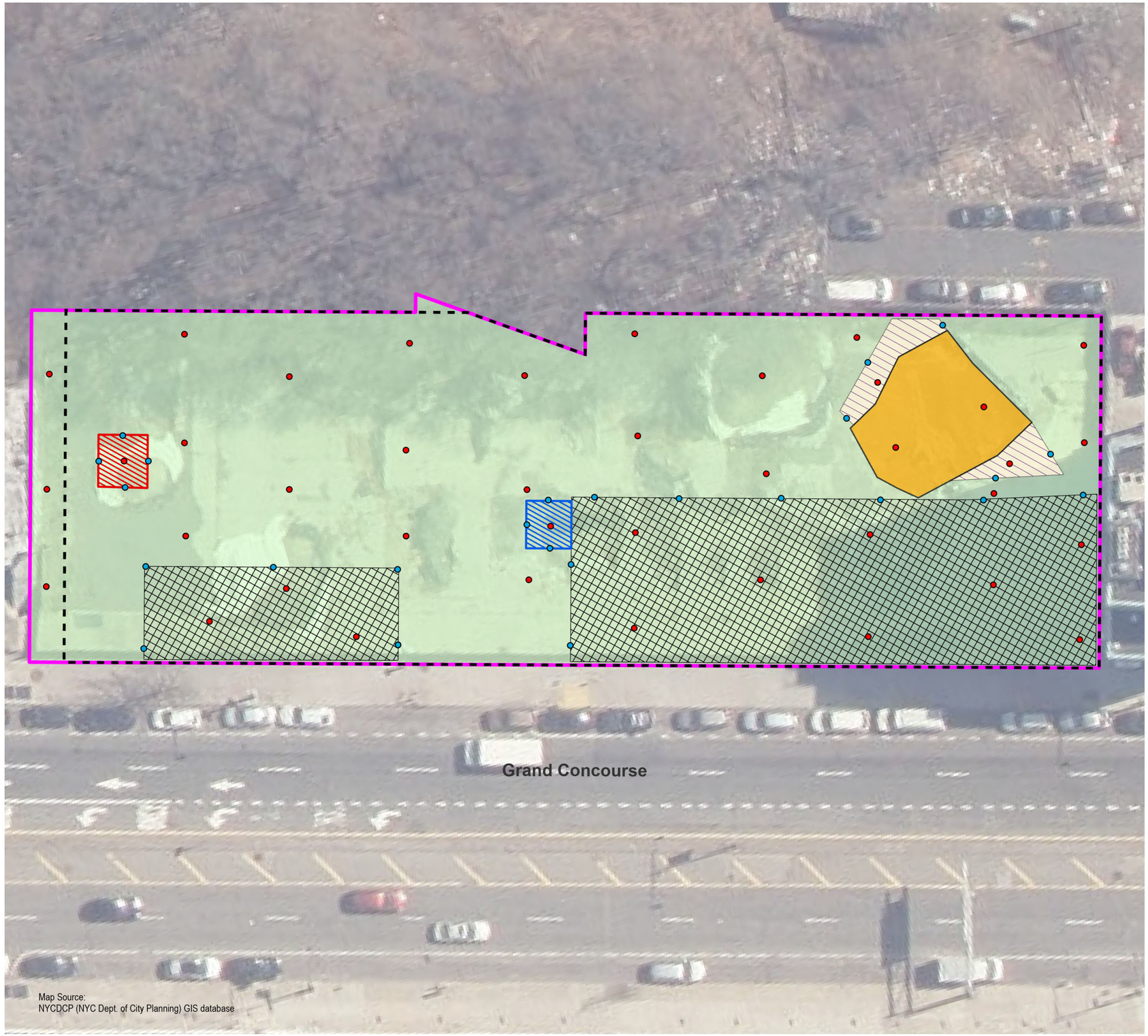
PROPOSED REMEDIAL EXCAVATION AND GROUNDWATER TREATMENT PLAN

DATE
8/28/2025

PROJECT NO.
240979

FIGURE
9

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/28/2025 12:53 PM240979 Fig 9 Proposed Remedial Excavation Plan mveilleux



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- BCP SITE BOUNDARY
- IRM EXCAVATION (2022) - REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*
- PROPOSED SITE WIDE REMEDIAL EXCAVATION TO 5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 8.5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 10 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 11 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 20 TO 25 FEET BGS TO REMOVE PETROLEUM HOTSPOTS
- SUPPORT OF EXCAVATION
- PROPOSED BOTTOM ENDPOINT SAMPLE LOCATION
- PROPOSED SIDEWALL SAMPLE LOCATION**

NOTES:
BGS - BELOW GROUND SURFACE

* UNDERLYING CONCRETE SLAB WAS BENEATH THE USTS. ATTEMPTS WERE MADE TO BREAK THE SLAB; HOWEVER, THEY WERE UNSUCCESSFUL. THEREFORE, NO ENDPOINT SAMPLES WERE ABLE TO BE COLLECTED FROM BENEATH THE USTS.

** SIDEWALL SAMPLES MAY BE COLLECTED AT THE BASE IF SLOPING MAKES SIDEWALL SAMPLE COLLECTION CHALLENGING.

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

PROPOSED ENDPOINT SAMPLING PLAN

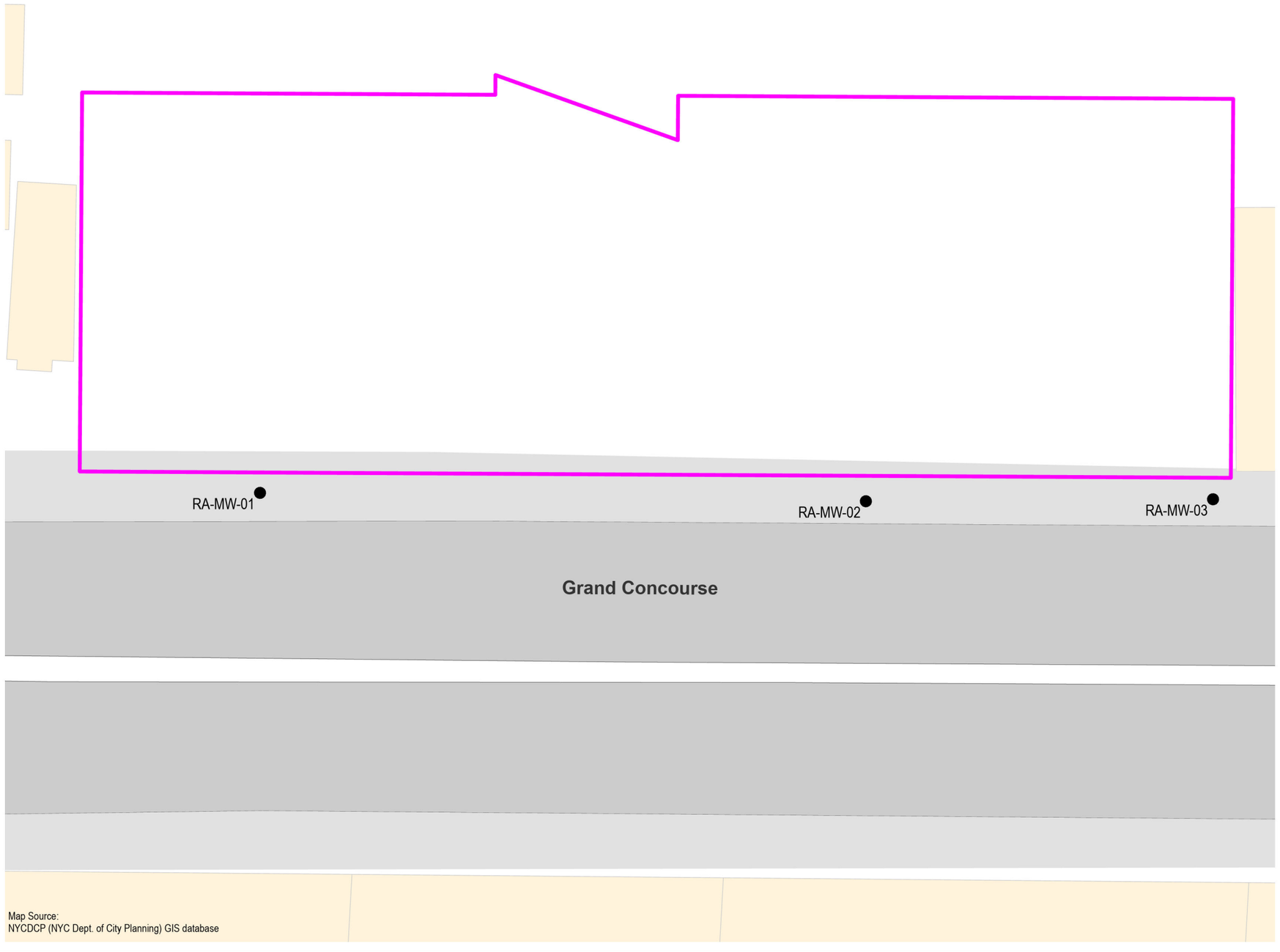
DATE
8/28/2025

PROJECT NO.
240979

FIGURE
10

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/28/2025 1:44 PM240979 Fig 10 Proposed Endpoint Sampling Plan mveilleux

N
Washington Heights
Morris Heights
High Bridge
Bronx
Harlem River
Harlem River Dr
Harlem River Drwy
Henry Hudson Pkwy
Cross Bronx Expy
145th St Brg
Riverside Park
Riverbank State Park
Trinity Cemetery
Yankee Stadium
Bronx Terminal Market
Mill Pond Park
Franz Sigel Park
Macombs Dam Park
Mullaly Park
Joyce Kilmer Park
Concourse Plaza
Patterson Playground
Col. Young Playground
St. Nicholas Park
The City College of New York
Harlem Hospital Center
Highbridge Park
J. Hood Wright Park
Columbia University Irving Med Ctr
Fort Washington
Fort Washington Ave
Riverside Dr
Broadway
Amsterdam Ave
St Nicholas Ave
Edgecombe Ave
Convent Ave
Jerome Ave
Grand Concourse
River Ave
Park Ave
Lenox Ave
7th Ave
Macombs Pl
Bradhurst Ave
Frederick Douglass Blvd
Hamilton Ter
Hamilton Pl
Audubon Ave
Jumel Pl
Sedgwick Ave
Summit Ave
Woodycrest Ave
Anderson Ave
Walton Ave
Nelson Ave
Ogden Ave
Merriam Ave
Dr Martin Luther King Jr Blvd
Edward Grant Hwy
Cromwell Ave
Inwood Ave
Jesup Ave
Macombs Rd
Undercliff Ave
Exterior St
Depot Pl
Haven Ave
Claremont Ave
Tiemann Pl
La Salle St
St Clair Pl
Marginal St
Riverside Dr E
Riverside Dr W
Henry Hudson Pkwy
Harlem River Dr-W
Harlem River Dr-E
New York Metro Transportation Authority-Metro-North Railroad
CSX Transportation
New York
NEW JERSEY
NEW YORK
Fort Washington Park
Historical Park
Henry Hudson Dr
Colony Rd
Annett Ave
Shore Rd
Leary Ln
Federspiel St
Bigler St
Pinehurst Ave
Wadsworth Ave
Laurel Hill Ter
Undercliff Ave
Nelson Ave
Featherbed Ln
Macombs Rd
Shakespeare Ave
Cromwell Ave
Inwood Ave
Jesup Ave
Piazza Dr
Elliot Pl
Marcy Pl
E Clarke Pl
Geard Ave
Tudor Pl
McClellan St
Carroll Pl
Sherman Ave
Grant Ave
Concourse Vlg W
Concourse Vlg E
Courtlandt Ave
Canal Pl
Rider Ave
Morris Ave
Rupert Pl
Lot
Depot Pl
Exterior St
Harlem River Dr
Washington Brg
Haven Ave
Fort Washington Ave
St Nicholas Ave
Audubon Ave
Amsterdam Ave
Edgecombe Ave
Convent Ave
Broadway
Riverside Dr
Riverside Dr W
Riverside Dr E
Henry Hudson Pkwy
Harlem River Dr-W
Harlem River Dr-E
369th Harlem Hellfighters Dr
7th Ave
Lenox Ave
Park Ave
River Ave
Grand Concourse
Jerome Ave
E 161st St
E 149th St
145th St Brg
W 181st St
W 178th St
W 176th St
W 175th St
W 174th St
W 173rd St
W 172nd St
W 171st St
W 170th St
W 169th St
W 168th St
W 167th St
W 166th St
W 165th St
W 164th St
W 163rd St
W 162nd St
W 161st St
W 160th St
W 159th St
W 158th St
W 157th St
W 156th St
W 155th St
W 154th St
W 153rd St
W 152nd St
W 151st St
W 150th St
W 149th St
W 148th St
W 147th St
W 146th St
W 145th St
W 144th St
W 143rd St
W 142nd St
W 141st St
W 140th St
W 139th St
W 138th St
W 137th St
W 136th St
W 135th St
W 134th St
W 133rd St
W 132nd St
W 130th St
W 129th St
W 128th St
W 125th St
W 132nd St
E 163rd St
E 162nd St
E 161st St
E 158th St
E 157th St
E 153rd St
E 151st St
E 150th St
E 148th St
E 147th St
E 146th St
E 145th St
E 144th St
E 140th St
E 143rd St
E 164th St
E 166th St
E 168th St
W 188th St
W 187th St
W 186th St
W 184th St
W 183rd St
W 182nd St
W 180th St
W 179th St
W 177th St
W 176th St
W 175th St
W 174th St
W 173rd St
W 172nd St
W 171st St
W 170th St
W 169th St
W 168th St
W 167th St
W 166th St
W 165th St
W 164th St
W 163rd St
W 162nd St
W 161st St
W 160th St
W 159th St
W 158th St
W 157th St
W 156th St
W 155th St
W 154th St
W 153rd St
W 152nd St
W 151st St
W 150th St
W 149th St
W 148th St
W 147th St
W 146th St
W 145th St
W 144th St
W 143rd St
W 142nd St
W 141st St
W 140th St
W 139th St
W 138th St
W 137th St
W 136th St
W 135th St
W 134th St
W 133rd St
W 132nd St
W 130th St
W 129th St
W 128th St
W 125th St
W 132nd St
E 163rd St
E 162nd St
E 161st St
E 158th St
E 157th St
E 153rd St
E 151st St
E 150th St
E 148th St
E 147th St
E 146th St
E 145th St
E 144th St
E 140th St
E 143rd St
E 164th St
E 166th St
E 168th St
PS 48
PS 64
Lot
Bldg
Bldg
Bldg



akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

PROPOSED REMEDIAL ACTION GROUNDWATER MONITORING WELLS

DATE
8/28/2025

PROJECT NO.
240979

FIGURE
12

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/28/2025 1:46 PM 240979 Fig 12 Proposed Remedial GW MWs1 mveilleux

TABLES

DRAFT

Table 1
350 Grand Concourse
Bronx, NY
Remedial Action Work Plan
Estimated Costs for Remedial Alternative 1
Track 1

	Quantity	Units	Unit Rate	Cost
Soil Disposal - Non-Hazardous Soil Disposal For Remedial Action [1]	33,600	Tons	$75	**$2,520,000**
Backfill for Remedial Excavation Beyond General Excavation [2]	4,100	Cubic Yards	$35	**$143,500**
Groundwater Treatment Program	1	Lump Sum	$500,000	**$500,000**
Site Preparation				
- Support of Excavation	*1*	*Estimated Total*	*$2,500,000*	*$2,500,000*
- Dewatering	*1*	*Estimated Total*	*$300,000*	*$300,000*
- Excavation Equipment and Labor	*1*	*Estimated Total*	*$750,000*	*$750,000*
- Legal	*1*	*Estimated Total*	*$150,000*	*$150,000*
- Engineering	*1*	*Estimated Total*	*$800,000*	*$800,000*
- General Conditions and Security	*1*	*Estimated Total*	*$400,000*	*$400,000*
Site Preparation Subtotal				**$4,900,000**
Estimated Total				**$8,063,500**

Notes/Assumptions:

[1] ***Soil Removal***

Site Area =	31,100	Square Feet
Site Wide Excavation Area =	31,100	Square Feet
Excavation Depth =	15	ft
Subtotal Soil Removal =	17,300	Cubic Yards
Additional Excavation Area to 25 ft below grade =	10,000	Square Feet
Incremental Excavation Depth =	10	ft
Subtotal Soil Removal =	3,700	Cubic Yards
Estimated Soil Removal Total Volume	**21,000**	**Cubic Yards**
Tons (1.6 multiplier)	**33,600**	**Tons**

[2] ***Backfill***

Backfill for Excavation Area to 25 ft below grade =	10,000	Square Feet
Backfill Vertical (from 15 to 25 feet below grade) =	10	Feet
Subtotal Backfill Volume =	3,700	Cubic Yards
Backfill for Excavation Area to 15 ft below grade along Northern Boundary =	650	Square Feet
Backfill Vertical (from 1 to 15 feet below grade) =	14	Feet
Subtotal Backfill Volume =	300	Cubic Yards
Backfill for Excavation Area to 15 ft below grade along Northern Boundary =	350	Square Feet
Backfill Vertical (from 5 to 15 feet below grade) =	10	Feet
Subtotal Backfill Volume =	100	Cubic Yards
Estimated Backfill Total Volume	**4,100**	**Cubic Yards**

Table 2
350 Grand Concourse
Bronx, NY
Remedial Action Work Plan
Estimated Costs for Remedial Alternative 2
Track 2

	Quantity	Units	Unit Rate	Cost
Soil Disposal - Non-Hazardous Soil Disposal For Remedial Action [1]	18,600	Tons	$75	**$1,395,000**
Backfill for Remedial Excavation Beyond General Excavation [2]	3,700	Cubic Yards	$35	**$129,500**
Groundwater Treatment - Direction Placement of Regenesis ORC®	1	Lump Sum	$100,000	**$100,000**
Vapor Barrier [3]	43,400	Square Feet	$6	**$260,400**
Site Preparation				
- Support of Excavation	*1*	*Estimated Total*	*$1,600,000*	*$1,600,000*
- Dewatering	*1*	*Estimated Total*	*$300,000*	*$300,000*
- Excavation Equipment and Labor	*1*	*Estimated Total*	*$500,000*	*$500,000*
- Legal	*1*	*Estimated Total*	*$150,000*	*$150,000*
- Engineering	*1*	*Estimated Total*	*$650,000*	*$650,000*
- General Conditions and Security	*1*	*Estimated Total*	*$250,000*	*$250,000*
Site Preparation Subtotal				**$3,450,000**
Estimated Total				**$5,334,900**

Notes/Assumptions:

[1] ***Soil Removal***

Site Area =	31,100	Square Feet
Sitewide Excavation Area to 5 ft below grade =	31,100	Square Feet
Excavation Depth =	5	ft
Subtotal Soil Removal =	5,800	Cubic Yards
Excavation Area to 8.5 ft below grade =	700	Square Feet
Incremental Excavation Depth =	3.5	ft
Subtotal Soil Removal =	90	Cubic Yards
Excavation Area to 10 ft below grade =	225	Square Feet
Incremental Excavation Depth =	5	ft
Subtotal Soil Removal =	40	Cubic Yards
Excavation Area to 11 ft below grade =	225	Square Feet
Incremental Excavation Depth =	6	ft
Subtotal Soil Removal =	50	Cubic Yards
Excavation Area to 25 ft below grade =	10,000	Square Feet
Incremental Excavation Depth =	15	ft
Subtotal Soil Removal =	5,600	Cubic Yards
Total Estimated Soil Removal Volume =	**11,600**	**Cubic Yards**
Total Tons (1.6 multiplier) =	**18,600**	**Tons**

[2] ***Backfill***

Backfill for Excavation Area to 25 ft below grade =	10,000	Square Feet
Backfill Vertical (from 15 to 25 feet below grade) =	10	Feet
Total Backfill Volume =	**3,700**	**Cubic Yards**

[3] ***Vapor Barrier***

Floor Area =	31,100	Square Feet
Sidewall Area (Depth of 15 feet) =	12,300	Square Feet
Total Vapor Barrier Area =	**43,400**	**Square Feet**

APPENDIX A
STANDARDS, CRITERIA, AND GUIDANCE

DRAFT

1.0 SCGS FOR SITE CHARACTERIZATION AND REMEDIAL INVESTIGATION

The following standards and criteria typically will apply to Site Characterizations and Remedial Investigations conducted in New York State:

- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 375 - Environmental Remediation Programs
- 6 NYCRR Parts 700-706 - Water Quality Standards
- 6 NYCRR Part 182 - Endangered & Threatened Species of Fish & Wildlife
- 6 NYCRR Part 608 - Use and Protection of Waters
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands Maps and Classification
- 6 NYCRR Part 257 - Air Quality Standards
- 10 NYCRR Part 5 of the State Sanitary Code - Drinking Water Supplies (May 1998)
- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 6 NYCRR Part 175 - Special Licenses and Permits--Definitions and Uniform Procedures

The following guidance typically applies to Site Characterizations and Remedial Investigations conducted in New York State:

- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- SPOTS #14 - Site Assessments at Bulk Storage Facilities (August 1994)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites (October 1994)
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- Niagara River Biota Contamination Project: Fish Flesh Criteria for Piscivorous Wildlife (July 1987)
- Wildlife Toxicity Assessment for Cadmium in Soils (May 1999)
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- The 10 ppt Health Advisory Guideline for 2,3,7,8-TCDD in Sportfish Flesh
- The 1 ppm Health Advisory Guideline for Cadmium in Sportfish Flesh
- Criteria for the Development of Health Advisories for Sportfish Consumption
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)
- NYSDOH Soil Vapor Intrusion Matrix – NYSDOH Sub-Slab Vapor Concentration which may require monitoring or mitigation ("NYSDOH Vapor Intrusion Guidance Document") (updated February 2024

- NYSDEC DER Interim Strategy for Groundwater Remediation at Contaminated Sites in New York State
- NYSDEC Sampling, Analysis, and Assessment of Per- And Polyfluoroalkyl Substances (PFAS) (April 2023)

2.0 SCGS FOR REMEDY SELECTION

The following standards and criteria typically apply to the remedy selection process conducted in New York State:

- 6 NYCRR Part 375 - Environmental Remediation Programs
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 6 NYCRR Part 608 - Use and Protection of Waters
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands - Permit Requirements
- 6 NYCRR Parts 700-706 - Water Quality Standards
- 19 NYCRR Part 600 - Waterfront Revitalization and Coastal Resources

The following guidance typically applies to the remedy selection process conducted in New York State:

- TAGM 4044 - Accelerated Remedial Actions at Class 2, Non-RCRA Regulated Landfills (March 1992)
- TAGM 4051 - Early Design Strategy (August 1993)
- Citizen Participation in New York's Hazardous Waste Site Remediation Program: A Guidebook (June 1998)
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- Freshwater Wetlands Regulations - Guidelines on Compensatory Mitigation (October 1993)
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- USEPA Office of Solid Waste and Emergency Response Directive 9355.047FS Presumptive Remedies: Policy and Procedures (September 1993)
- USEPA Office of Solid Waste and Emergency Response Directive 9355.048FS Presumptive Remedies:
- Site Characterization and Technology Selection for CERCLA sites with Volatile Organic Compounds in Soils (September 1993)
- USEPA Office of Solid Waste and Emergency Response Directive 9355.049FS Presumptive Remedy for CERCLA Municipal Landfills (September 1993)

3.0 SCGS FOR UNDERGROUND STORAGE TANK CLOSURE

The following standards and criteria typically apply to UST closures conducted in New York State:

- 6 NYCRR Part 612 - Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 - Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 - Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes (November 1998)
- 6 NYCRR Subpart 374-2 - Standards for the Management of Used Oil
- 6 NYCRR Parts 700-706 - Water Quality Standards
- 40 CFR Part 280 - Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks

The following guidance typically applies to UST closures conducted in New York State:

- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- STARS #2 - Biocell and Biopile Designs for Small-Scale Petroleum-Contaminated Soil Projects
- SPOTS #14 - Site Assessments at Bulk Storage Facilities (August 1994)
- Spill Response Guidance Manual
- Permanent Closure of Petroleum Storage Tanks
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- NYSDOH Environmental Health Manual CSFP-530 - “Individual Water Supplies - Activated Carbon Treatment Systems”

4.0 SCGS FOR REMEDIAL ACTION

The following standards and criteria typically apply to Remedial Actions conducted in New York State:

- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 - Underground Injection Control Program
- 10 NYCRR Part 67 - Lead
- 12 NYCRR Part 56 - Industrial Code Rule 56 (Asbestos)
- 6 NYCRR Part 175 - Special Licenses and Permits--Definitions and Uniform Procedures
- 6 NYCRR Part 361 - Siting of Industrial Hazardous Waste Facilities
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes (November 1998)
- 6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)

- 6 NYCRR Subpart 373-4 - Facility Standards for the Collection of Household Hazardous Waste and Hazardous Waste from Conditionally Exempt Small Quantity Generators (November 1998)
- 6 NYCRR Subpart 374-1 - Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)
- 6 NYCRR Subpart 374-3 - Standards for Universal Waste (November 1998)
- 6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites (as amended January 1998)
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 19 NYCRR Part 600 - Waterfront Revitalization and Coastal Resources
- 6 NYCRR Part 608 - Use and Protection of Waters
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands - Permit Requirements
- 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998)
- 6 NYCRR Part 750 through 758 - Implementation of NPDES Program in NYS ("SPDES Regulations")
- Technical Guidance for Screening Contaminated Sediments (January 1999)

The following guidance typically applies to Remedial Actions conducted in New York State:

- TAGM 4013 - Emergency Hazardous Waste Drum Removal/ Surficial Cleanup Procedures (March 1996)
- TAGM 4046 - Determination of Soil Cleanup Objectives and Cleanup Levels (January 1994)
- TAGM 4059 - Making Changes To Selected Remedies (May 1998)
- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- STARS #2 - Biocell and Biopile Designs for Small-Scale Petroleum-Contaminated Soil Projects
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- Citizen Participation in New York's Hazardous Waste Site Remediation Program: A Guidebook (June 1998)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- TOGS 1.3.8 - New Discharges to Publicly Owned Treatment Works
- TOGS 2.1.2 - Underground Injection/Recirculation (UIR) at Groundwater Remediation Sites
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- State Coastal Management Policies
- OSWER Directive 9200.4-17 - Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites (November 1997)

- NYSDOH Environmental Health Manual CSFP-530 - “Individual Water Supplies - Activated Carbon Treatment Systems”

5.0 SCGS FOR SITE MANAGEMENT

The following standards and criteria typically apply to Site Management activities conducted in New York State:

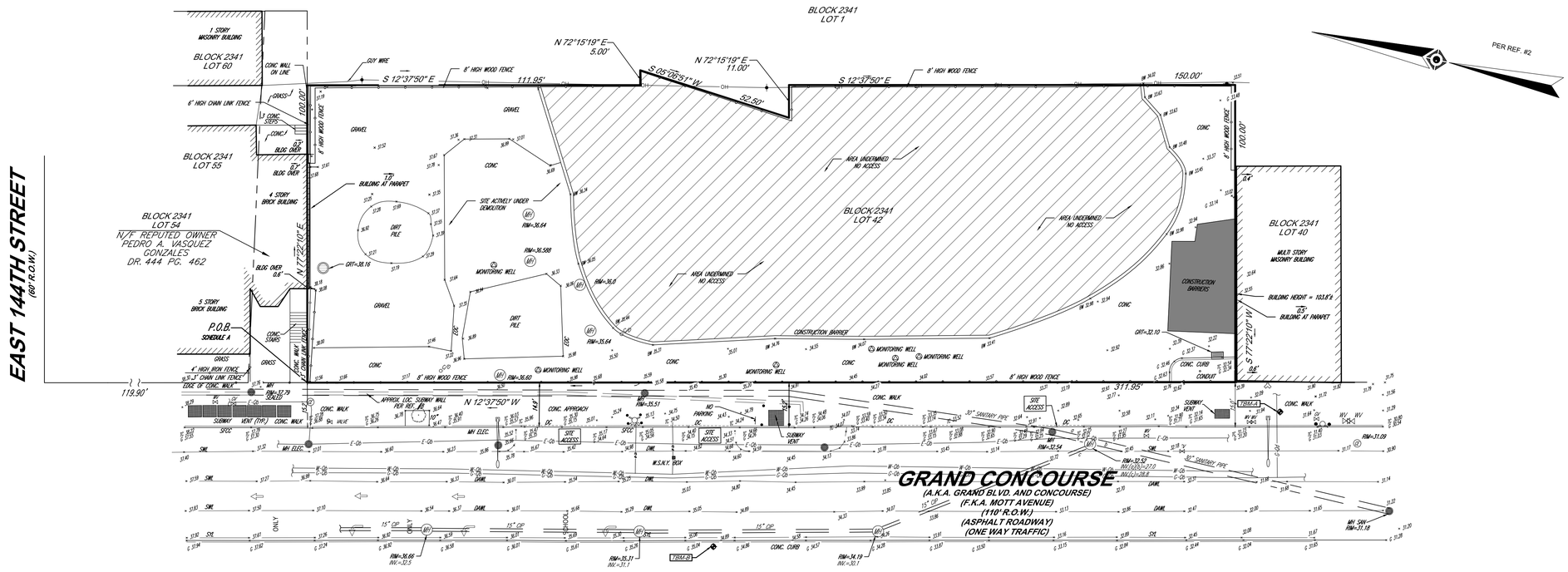
- 6 NYCRR Part 175 - Special Licenses and Permits--Definitions and Uniform Procedures

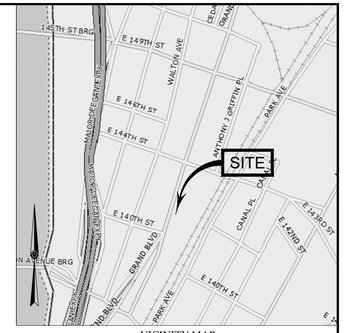
The following guidance typically applies to Site Management activities conducted in New York State:

- Groundwater Monitoring Well Decommissioning Procedures (May 1995)
- The activity is a component of a program selected by a process complying with the public participation requirements of section 1.10, to the extent applicable.
- NYSDOH Environmental Health Manual CSFP-530 - “Individual Water Supplies - Activated Carbon Treatment Systems”

APPENDIX B
METES AND BOUNDS

DRAFT





VICINITY MAP
© 2008 DeLorme. Street Atlas USA
(NOT TO SCALE)

LEGEND

- EXISTING SPOT ELEVATION
- EXIST. TOP OF CURB ELEVATION
- EXIST. BOTTOM OF CURB ELEVATION
- OVERHEAD WIRES
- APPROX. LOC. UNDERGROUND ELECTRIC LINE
- APPROX. LOC. UNDERGROUND NATURAL GAS LINE
- APPROX. LOC. UNDERGROUND WATER LINE
- SUBSURFACE UTILITY QUALITY LEVEL B
- DEPRESSED CURB
- HYDRANT
- WATER VALVE
- GAS VALVE
- UNKNOWN VALVE
- CON. ED. MANHOLE
- UNKNOWN MANHOLE
- CATCH BASINS
- MONITORING WELL
- GUY WIRE
- UTILITY POLE
- STREET LIGHT
- PAINTED ARROWS
- METAL COVERS
- SIGN
- BOLLARD
- METAL GUIDE RAIL
- STEEL FACED CONC. CURB
- DEPRESSED CURB
- EDGE OF CONC.
- SOLID WHITE LINE
- SOLID YELLOW LINE
- DASHED WHITE LINE
- OFFSET OF STRUCTURE AT GROUND LEVEL RELATIVE TO PROPERTY LINE
- UNKNOWN TERMINUS
- AREA UNDERMINED NO ACCESS

811 NEW YORK CITY ONE CALL CENTER 1-800-272-4480 STOP! STOP! SEE CALL-THEN DIG SAFELY

NOTES:

1. PROPERTY KNOWN AS LOT 42, BLOCK 2341 AS ON THE TAX MAP OF THE BOROUGH OF BRONX, BRONX COUNTY, CITY & STATE OF NEW YORK.
2. TOTAL AREA = 31,045 S.F. OR 0.713 AC.
3. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. LOCATIONS AND SIZES ARE BASED ON UTILITY MARK-OUTS, ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD, AND THE MAPS AS LISTED IN THE REFERENCES AVAILABLE AT THE TIME OF THE SURVEY. AVAILABLE ASBUILT PLANS AND UTILITY MARKOUT DOES NOT ENSURE MAPPING OF ALL UNDERGROUND UTILITIES AND STRUCTURES. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATION, SIZE AND TYPE BY THE PROPER UTILITY COMPANIES. CONTROL POINT ASSOCIATES, INC. DOES NOT GUARANTEE THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED.

   THE SOURCE OF UNDERGROUND UTILITIES ARE SHOWN UTILIZING A QUALITY LEVEL SYSTEM:

   QUALITY LEVEL D - UTILITIES SHOWN BASED UPON REFERENCE MAPPING OR ORAL HISTORY. NOT FIELD VERIFIED.

   QUALITY LEVEL C - LOCATION OF UTILITY SURFACE FEATURES SUPPLEMENTS REFERENCE MAPPING. INCLUDES MARKOUT BY OTHERS.

   QUALITY LEVEL B - UTILITY LOCATION DATA IS COLLECTED THROUGH GEOPHYSICAL SENSING TECHNOLOGY TO SUPPLEMENT SURFACE FEATURES AND OR REFERENCE MAPPING. INCLUDES MARKOUT BY CONTROL POINT ASSOCIATES, INC.

   QUALITY LEVEL A - HORIZONTAL AND VERTICAL LOCATION OF UTILITIES ARE OBTAINED USING VACUUM EQUIPMENT EXCAVATION OR OTHER METHODS TO EXPOSE THE UTILITY. LOCATION SHOWN AT SINGLE POINT WHERE EXCAVATION OCCURRED UNLESS UTILITY WAS LOCATED PRIOR TO FILLING.
4. THIS PLAN IS BASED ON INFORMATION PROVIDED BY A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC. AND OTHER REFERENCE MATERIAL AS LISTED HEREON.
5. THIS SURVEY IS PREPARED WITH REFERENCE TO A TITLE REPORT PREPARED BY METROPOLITAN ABSTRACT CORPORATION AS AGENT FOR FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NUMBER B354765, WITH AN EFFECTIVE DATE OF 9/2/2024. WHERE THE FOLLOWING SURVEY RELATED EXCEPTIONS APPEAR IN SCHEDULE B:

   (5) COVENANTS, CONDITIONS, EASEMENTS, LEASES, AGREEMENTS OF RECORD, IF ANY.

   (a) RAILROAD AGREEMENT RECORDED IN LIBER 1819, CP. 391. - BLANKET RIGHTS TO THE RAILROAD FOR GRADING & CONSTRUCTIONS

   (b) CERTIFICATION PURSUANT TO ZONING LOT SUBDIVISION ('EXHIBIT I') RECORDED IN CRFN 2022000023111. - DOCUMENT NOT PROVIDED

   (c) ZONING LOT DESCRIPTION AND OWNERSHIP STATEMENT ('EXHIBIT III') RECORDED IN CRFN 2022000023112. - DOCUMENT NOT PROVIDED
6. UNDERGROUND TANK SIZES WERE OBTAINED FROM INFORMATION RECEIVED FROM STATION MANAGER OR EMPLOYEE. ALL SIZES AND LOCATIONS ARE APPROXIMATE & ARE SUBJECT TO FIELD VERIFICATION.
7. ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), BASED ON REF. #3, CONVERTED TO NAVD 88 (TO CONVERT TO BRONX HIGHWAY DATUM SUBTRACT 1.51' FROM THE ELEVATIONS SHOWN. TO CONVERT TO NGVD 1929 ADD 1.10' TO ELEVATIONS SHOWN.)

   TEMPORARY BENCH MARK SET:
   TBM-A: X-CUT SET IN CONCRETE SIDEWALK ELEVATION= 31.79'
   TBM-A: DOCK SPIKE SET IN CONCRETE SIDEWALK ELEVATION= 35.29'

   PRIOR TO CONSTRUCTION IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE BENCHMARKS ILLUSTRATED ON THIS SKETCH HAVE NOT BEEN DISTURBED AND THEIR ELEVATIONS HAVE BEEN CONFIRMED.
   ANY CONFLICTS MUST BE REPORTED PRIOR TO CONSTRUCTION.
8. EXISTING FIRM: BY GRAPHIC PLOTTING ONLY PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% CHANCE FLOODPLAIN.) PER MAP REF #10.
9. THIS PROPERTY HAS DIRECT ACCESS TO GRAND CONCOURSE (110' WIDE PUBLIC RIGHT OF WAY).
10. SITE WAS FENCED OFF AND LOCKED DURING FIELD VISIT ON 11-21-2024.

REFERENCES:

1. THE OFFICIAL TAX MAP OF THE BOROUGH OF BRONX, BRONX COUNTY, CITY & STATE OF NEW YORK, SHEET 11.
2. MAP ENTITLED "RECORD MAP SECTION 1" AMENDED AND CORRECTED TO OCT. 27, 1992, OBTAINED FROM THE BRONX TOPOGRAPHIC BUREAU.
3. MAP ENTITLED "GRADE SECTION 7" ORIGINAL SECTION FILED NOV 2, 1895, AMMENDED AND CORRECTED TO OCT. 6, 1993, OBTAINED FROM THE BRONX TOPOGRAPHIC BUREAU.
4. MAP ENTITLED "RECORD MAP SECTION 7" AMENDED AND CORRECTED TO OCT. 5, 1993 OBTAINED FROM THE BRONX TOPOGRAPHIC BUREAU.
5. WATER DISTRIBUTION MAPS PROVIDED BY THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF WATER & SEWER OPERATIONS, DDM I33-12 & DDM I33-17.
6. SEWER MAP PROVIDED BY THE NEW YORK DEPT. OF ENVIRONMENTAL PROTECTION, BUREAU OF WATER & SEWER OPERATIONS.
7. MAP ENTITLED "SITE PLAN (BUILDING APPLICATION), 350/370 GRAND CONCOURSE, BRONX, NEW YORK, STORE #17782," PREPARED BY BOHLER ENGINEERING, P.C., DATED 10/19/01, LAST REVISED 5/9/02, SHEET NO. SP-1 OF 5.
8. MAP ENTITLED "GRADING/DRAINAGE/UTILITY PLAN, 350/370 GRAND CONCOURSE, BRONX, NEW YORK, STORE #17782," PREPARED BY BOHLER ENGINEERING, P.C., DATED 10/19/01, LAST REVISED 5/9/02, SHEET NO. SP-3 OF 5.
9. MAP ENTITLED "ALTA/ACSM LAND TITLE & TOPOGRAPHIC SURVEY, BP AMOCO CORPORATION, 350-358 GRAND CONCOURSE, LOTS 42 & 47, BLOCK 2341, SECTION 9, BOROUGH OF BRONX, COUNTY OF BRONX, STATE OF NEW YORK," PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED 7-9-2001, LAST REVISED 7-19-2001, FILE NO. C02431.
10. MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, CITY OF NEW YORK, NEW YORK, BRONX, RICHMOND, NEW YORK, QUEENS AND KINGS COUNTIES" PANEL 83 OF 457", MAP NUMBER 3604970083, MAP REVISED: SEPTEMBER 5, 2007.

SCHEDULE A DESCRIPTION

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH AND COUNTY OF BRONX, CITY AND STATE OF NEW YORK, BEING BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE EASTERLY SIDE OF GRAND CONCOURSE (FORMERLY MOTT AVENUE), DISTANT 119.90 FEET SOUTHERLY FROM THE CORNER FORMED BY THE INTERSECTION OF THE EASTERLY SIDE OF GRAND CONCOURSE WITH THE SOUTHERLY SIDE OF EAST 144TH STREET;

RUNNING THENCE NORTH 77 DEGREES 22 MINUTES 10 SECONDS EAST, A DISTANCE OF 100.00 FEET TO A POINT;

THENCE SOUTH 12 DEGREES 37 MINUTES 50 SECONDS EAST, A DISTANCE OF 111.95 FEET TO A POINT;

THENCE NORTH 72 DEGREES 15 MINUTES 19 SECONDS EAST, A DISTANCE OF 5.00 FEET TO A POINT;

THENCE SOUTH 05 DEGREES 06 MINUTES 51 SECONDS WEST, A DISTANCE OF 52.50 FEET TO A POINT;

THENCE NORTH 72 DEGREES 15 MINUTES 19 SECONDS EAST, A DISTANCE OF 11.00 FEET TO A POINT;

THENCE SOUTH 12 DEGREES 37 MINUTES 50 SECONDS EAST, A DISTANCE OF 150.00 FEET TO A POINT;

THENCE SOUTH 77 DEGREES 22 MINUTES 10 SECONDS WEST, A DISTANCE OF 100.00 FEET TO A POINT ON THE EASTERLY SIDE OF GRAND CONCOURSE;

THENCE NORTH 12 DEGREES 37 MINUTES 50 SECONDS WEST ALONG THE EASTERLY SIDE OF GRAND CONCOURSE, A DISTANCE OF 311.95 FEET TO THE POINT OR PLACE OF BEGINNING.

THE LAND SHOWN ON THIS SURVEY IS THE SAME AS THAT DESCRIBED IN A TITLE REPORT PREPARED BY METROPOLITAN ABSTRACT CORPORATION AS AGENT FOR FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NUMBER B354765, WITH AN EFFECTIVE DATE OF 9/2/2024.

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT WAS BASED WERE MADE IN ACCORDANCE WITH THE "2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS", JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 7(A), 7(B)(1), 7(C), 8, 9, 13 AND 14OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON 11-07-2024.

THIS SURVEY HAS BEEN PERFORMED IN THE FIELD UNDER MY SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION, THIS SURVEY HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENTLY ACCEPTED ACCURACY STANDARDS.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

THIS SURVEY IS CERTIFIED TO:
350 GC PROPERTY OWNER LLC
METROPOLITAN ABSTRACT CORPORATION
FIDELITY NATIONAL TITLE INSURANCE COMPANY
CERCO BRIDGE LOANS 6 LLC

PREPARED BY:
CONTROL POINT ASSOCIATES, INC. PC
30 INDEPENDENCE BOULEVARD, SUITE 100
WARREN, NJ 07059
908.668.0099 – 908.668.9595 FAX
WWW.CPASURVEY.COM

CHALFONT, PA 215.712.9800
MT. LAUREL, NJ 646.497.2690
MANHATTAN, NY 646.780.0411
LONG ISLAND, NY 631.580.2645
SOUTHBOROUGH, MA 508.948.3000
ALBANY, NY 518.217.7010
ROCHESTER, NY 585.250.1766

NO.	DATE	BY	DESCRIPTION	APPROVED
1	11-25-2024	ARS	REVISED TO ADD UNDERGROUND UTILITY INFORMATION	JCW

REVISIONS

PROJECT NAME

LOT 42, BLOCK 2341

350-358 GRAND CONCOURSE
BOROUGH & COUNTY OF BRONX
CITY AND STATE OF NEW YORK

DRAWING TITLE

ALTA/NSPS LAND TITLE SURVEY

SEAL & SIGNATURE

STATE OF NEW YORK · JAMES C. WEED · 050765 · LICENSED LAND SURVEYOR

11-25-2024
JAMES C. WEED DATE
NEW YORK PROFESSIONAL LAND SURVEYOR #050765-1

FIELD DATE:	11-07-2024
FIELD BK:	24-22
F. B. PAGE:	44-45
DATE:	11-15-2024
SCALE:	1"=20'
PROJECT No:	01-210331-03
DRAWING BY:	JJW
CHK BY:	JLK
APPROVED BY:	JCW
DWG No:	V-001.0.0
CAD FILE No:	01-210331-03
PAGE No:	1 OF 1

CONTROL POINT ASSOCIATES, INC. PC - ALL RIGHTS RESERVED
THE COPYING IN PART OR IN WHOLE OF THIS DOCUMENT, OR ANY OTHER TANGIBLE ORIGINAL PROJECT OR THE DISCLOSURE OF ITS CONTENTS WITHOUT THE WRITTEN PERMISSION OF CONTROL POINT ASSOCIATES, INC. IS PROHIBITED

APPENDIX C
PREVIOUS ENVIRONMENTAL REPORTS

(Included Separately due to Filesize)

DRAFT

APPENDIX D
JULY 2025 REMEDIAL INVESTIGATION REPORT (DRAFT) ANALYTICAL RESULTS

DRAFT

Table 1
350 Grand Concourse
Bronx, NY
Groundwater Elevation - February 11, 2022

Monitoring Well	Ground Surface Elevation (ft.)[1]	Top of Casing Elevation (ft.)	Depth to Water (ft. bgs)[2]	Groundwater Elevation (ft.)
RI-MW-02	33.25	32.68	13.87	18.81
RI-MW-03	33.12	32.59	18.09	14.50
RI-MW-04	35.47	34.93	14.29	20.64
RI-MW-06	37.14	36.35	14.81	21.54
RI-MW-13	33.45	32.91	14.90	18.01
RI-MW-14	34.34	33.85	14.32	19.53
RI-MW-18	35.17	34.76	14.64	20.12
RI-MW-21	35.85	35.82	ND	ND
RI-MW-22	34.83	34.26	14.01	20.25
RI-MW-23	33.76	33.48	16.46	17.02

Notes:
[1] Elevation measured in feet (ft.) above mean sea level according to the North American Vertical Datum of 1988 (NAVD88).
[2] Depth to water measured in feet below ground surface (ft. bgs) at each sample location.

Table 2A
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	RI-SB-16_0-2_20220204	RI-SB-X_20220204	RI-SB-16_6-8_20220204	RI-SB-17_1-3_20220203	RI-SB-17_9-11_20220203
			Laboratory Sample ID	460-251880-1	460-251880-2	460-251880-3	460-251839-1	460-251839-2
			Date Sampled	2/04/2022	2/04/2022	2/04/2022	2/03/2022	2/03/2022
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 UJ	0.0013 UJ	0.0011 UJ	0.0016 UJ	0.0015 UJ
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.00073 J	0.0016	0.0015	0.0016 U	0.0015 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,2-Dichloropropane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	0.00042 J	0.00084 J	0.00087 J	0.0016 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
2-Hexanone	NS	NS	NS	0.0059 U	0.0064 U	0.0054 U	0.0081 U	0.0075 U
Acetone	**0.05**	100	0.05	**0.22 JL**	**0.15**	**0.13**	0.012	0.0091 U
Benzene	0.06	4.8	0.06	0.0012 U	0.0013 U	0.0011 U	0.00054 J	0.0015 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Bromoform	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Bromomethane	NS	NS	NS	0.0024 U	0.0025 U	0.0022 U	0.0032 UJ	0.003 UJ
Carbon Disulfide	NS	NS	NS	0.0012 U	0.0012 J	0.0015	0.0016 U	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Chlorobenzene	1.1	100	1.1	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Chloroethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Chloroform	0.37	49	0.37	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Chloromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Cyclohexane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Ethylbenzene	1	41	1	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
M,P-Xylenes	NS	NS	NS	0.00044 J	0.00068 J	0.00051 J	0.0016 U	0.0015 U
Methyl Acetate	NS	NS	NS	0.0059 U	0.0064 U	0.0054 U	0.0081 U	0.0075 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.034 JL	0.026	0.021	0.0081 U	0.0075 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0059 U	0.0064 U	0.0054 U	0.0081 U	0.0075 U
Methylcyclohexane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Methylene Chloride	0.05	100	0.05	0.0024 U	0.0025 U	0.0022 U	0.0032 U	0.003 U
N-Butylbenzene	12	100	12	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
N-Propylbenzene	3.9	100	3.9	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.00069 J	0.0013	0.00072 J	0.0016 U	0.0015 U
Sec-Butylbenzene	11	100	11	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Styrene	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
T-Butylbenzene	5.9	100	5.9	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.00091 JL	0.0013	0.0025	0.0016 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.00047 J	0.0011 U	0.0016 U	0.0015 U
Toluene	0.7	100	0.7	0.0011 J	0.0021	0.001 J	0.0016 U	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0013 U	0.0011 U	0.0016 U	0.0015 U
Xylenes, Total	0.26	100	1.6	0.0011 J	0.002 J	0.0012 J	0.0032 U	0.003 U

Table 2A
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	RI-SB-18_0-2_20220203	RI-SB-18_12-14_20220203	RI-SB-19_3-5_20220131	RI-SB-19_13-15_20220131	RI-SB-20_0-2_20220131
			Laboratory Sample ID	460-251839-3	460-251839-4	460-251618-1	460-251618-2	460-251618-3
			Date Sampled	2/03/2022	2/03/2022	1/31/2022	1/31/2022	1/31/2022
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 UJ	0.0016 UJ	0.0011 U	0.0014 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0012 U	0.0009 J	0.0011 U	0.0014 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,2-Dichloropropane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
2-Hexanone	NS	NS	NS	0.0058 U	0.0078 U	0.0057 U	0.0072 U	0.0064 U
Acetone	**0.05**	100	0.05	0.014	0.018	0.0068 U	0.0086 U	0.0076 U
Benzene	0.06	4.8	0.06	0.0012 U	0.00076 J	0.0011 U	0.0014 U	0.0013 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Bromoform	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Bromomethane	NS	NS	NS	0.0023 UJ	0.0031 UJ	0.0023 U	0.0029 U	0.0025 U
Carbon Disulfide	NS	NS	NS	0.0012 U	0.00051 J	0.0011 U	0.0014 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Chlorobenzene	1.1	100	1.1	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Chloroethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Chloroform	0.37	49	0.37	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Chloromethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Cyclohexane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Ethylbenzene	1	41	1	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
M,P-Xylenes	NS	NS	NS	0.0012 U	0.00045 J	0.0011 U	0.0014 U	0.0011 J
Methyl Acetate	NS	NS	NS	0.0058 U	0.0078 U	0.0057 U	0.0072 U	0.0064 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0058 U	0.0078 U	0.0057 U	0.0072 U	0.0064 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0058 U	0.0078 U	0.0057 U	0.0072 U	0.0064 U
Methylcyclohexane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Methylene Chloride	0.05	100	0.05	0.0023 U	0.0031 U	0.0023 U	0.0029 U	0.0025 U
N-Butylbenzene	12	100	12	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
N-Propylbenzene	3.9	100	3.9	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.00048 J
Sec-Butylbenzene	11	100	11	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Styrene	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
T-Butylbenzene	5.9	100	5.9	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Toluene	0.7	100	0.7	0.0012 U	0.0011 J	0.0011 U	0.0014 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0016 U	0.0011 U	0.0014 U	0.0013 U
Xylenes, Total	0.26	100	1.6	0.0023 U	0.0031 U	0.0023 U	0.0029 U	0.0016 J

Table 2A
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-20_12.5-14.5_20220131	RI-SB-21_0-2_20220203	RI-SB-X_20220203	RI-SB-21_6-8_20220203	RI-SB-22_0-2_20220204
				Laboratory Sample ID	460-251618-4	460-251839-5	460-251839-8	460-251839-6	460-251880-4
				Date Sampled	1/31/2022	2/03/2022	2/03/2022	2/03/2022	2/04/2022
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0014 U	0.0011 UJ	0.0012 UJ	0.0012 UJ	0.0012 UJ
1,2,4-Trichlorobenzene	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	3.6		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	NS		0.0071 U	0.0057 U	0.006 U	0.0058 U	0.0058 U
Acetone	**0.05**	100	0.05		0.0086 U	0.0068 U	0.0071 U	0.007 U	0.007 U
Benzene	0.06	4.8	0.06		0.0014 U	0.0011 U	0.00036 J	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Bromoform	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	NS		0.0029 U	0.0023 UJ	0.0024 UJ	0.0023 UJ	0.0023 U
Carbon Disulfide	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.00036 J	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	100	1.1		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.37		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Ethylbenzene	1	41	1		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	NS		0.0071 U	0.0057 U	0.006 U	0.0058 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0071 U	0.0057 U	0.006 U	0.0058 U	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0071 U	0.0057 U	0.006 U	0.0058 U	0.0058 U
Methylcyclohexane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.05		0.0029 U	0.0023 U	0.0024 U	0.0023 U	0.0023 U
N-Butylbenzene	12	100	12		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
N-Propylbenzene	3.9	100	3.9		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Sec-Butylbenzene	11	100	11		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Styrene	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
T-Butylbenzene	5.9	100	5.9		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0014 U	0.0011 U	0.0012 U	0.0015	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.7		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02		0.0014 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Xylenes, Total	0.26	100	1.6		0.0029 U	0.0023 U	0.0024 U	0.0023 U	0.0023 U

Table 2A
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	RI-SB-22_14-16_20220204	RI-SB-23_0-2_20220204	RI-SB-23_12-14_20220204	RI-SB-24_3-5_20220131	RI-SB-24_11-13_20220131
			Laboratory Sample ID	460-251880-5	460-251880-6	460-251880-7	460-251618-5	460-251618-6
			Date Sampled	2/04/2022	2/04/2022	2/04/2022	1/31/2022	1/31/2022
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.00096 UJ	0.0012 UJ	0.0012 UJ	0.0013 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.02	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,2-Dichloropropane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	2.4	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	1.8	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
2-Hexanone	NS	NS	NS	0.0048 U	0.0061 U	0.006 U	0.0063 U	0.0067 U
Acetone	**0.05**	100	0.05	0.0058 U	0.0071 J	0.0072 U	0.0076 U	0.008 U
Benzene	0.06	4.8	0.06	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Bromochloromethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Bromodichloromethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Bromoform	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Bromomethane	NS	NS	NS	0.0019 U	0.0024 U	0.0024 U	0.0025 U	0.0027 U
Carbon Disulfide	NS	NS	NS	0.0013	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.76	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Chlorobenzene	1.1	100	1.1	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Chloroethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Chloroform	0.37	49	0.37	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Chloromethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Cyclohexane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Dibromochloromethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Dichlorodifluoromethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Ethylbenzene	1	41	1	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
M,P-Xylenes	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Methyl Acetate	NS	NS	NS	0.0048 U	0.0061 U	0.006 U	0.0063 U	0.0067 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0048 U	0.0061 U	0.006 U	0.0063 U	0.0067 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0048 U	0.0061 U	0.006 U	0.0063 U	0.0067 U
Methylcyclohexane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Methylene Chloride	0.05	100	0.05	0.0019 U	0.0024 U	0.0024 U	0.0025 U	0.0027 U
N-Butylbenzene	12	100	12	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
N-Propylbenzene	3.9	100	3.9	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Sec-Butylbenzene	11	100	11	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Styrene	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
T-Butylbenzene	5.9	100	5.9	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Toluene	0.7	100	0.7	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.47	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Trichlorofluoromethane	NS	NS	NS	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.02	0.00096 U	0.0012 U	0.0012 U	0.0013 U	0.0013 U
Xylenes, Total	0.26	100	1.6	0.0019 U	0.0024 U	0.0024 U	0.0025 U	0.0027 U

Table 2A
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	RI-SB-25_0-2_20220203	RI-SB-25_5-7_20220203	RI-SB-26_0-2_20220204	RI-SB-26_7-9_20220204	RI-SB-27_1-3_20220131
			Laboratory Sample ID	460-251839-9	460-251839-10	460-251880-12	460-251880-13	460-251618-7
			Date Sampled	2/03/2022	2/03/2022	2/04/2022	2/04/2022	1/31/2022
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 UJ	0.0011 UJ	0.001 UJ	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0013 JL	0.00086 J	0.001 UJ	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	0.0011 JL	0.00054 J	0.001 UJ	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
2-Hexanone	NS	NS	NS	0.0058 U	0.0055 U	0.0052 UJ	0.0055 U	0.0056 U
Acetone	**0.05**	100	0.05	0.007 U	0.024	0.0071 JL	0.0066 U	0.0067 U
Benzene	0.06	4.8	0.06	0.00034 J	0.00094 J	0.001 UJ	0.0011 U	0.0011 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Bromoform	NS	NS	NS	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Bromomethane	NS	NS	NS	0.0023 UJ	0.0022 UJ	0.0021 U	0.0022 U	0.0022 U
Carbon Disulfide	NS	NS	NS	0.0012 U	0.0003 J	0.001 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	1.1	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Chloroethane	NS	NS	NS	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.37	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	NS	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Cyclohexane	NS	NS	NS	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Ethylbenzene	1	41	1	0.0047 JL	0.0024	0.001 UJ	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.00073 JL	0.00036 J	0.001 UJ	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	NS	0.0027 JL	0.0016	0.001 UJ	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	NS	0.0058 U	0.0055 U	0.0052 UJ	0.0055 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0058 UJ	0.0046 J	0.0052 U	0.0055 U	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0058 U	0.0055 U	0.0052 UJ	0.0055 U	0.0056 U
Methylcyclohexane	NS	NS	NS	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Methylene Chloride	0.05	100	0.05	0.0023 U	0.0022 U	0.0021 U	0.0022 U	0.0022 U
N-Butylbenzene	12	100	12	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
N-Propylbenzene	3.9	100	3.9	0.00022 JL	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0021	0.0014	0.001 UJ	0.0011 U	0.0011 U
Sec-Butylbenzene	11	100	11	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Styrene	NS	NS	NS	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
T-Butylbenzene	5.9	100	5.9	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Toluene	0.7	100	0.7	0.0024	0.0016	0.001 UJ	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.0011 U	0.001 UJ	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Xylenes, Total	0.26	100	1.6	0.0048 JL	0.0029	0.0021 UJ	0.0022 U	0.0022 U

Table 2A
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	RI-SB-27_12-14_20220131	RI-SB-28_0-2_20220204	RI-SB-28_13-15_20220204	RI-SB-29_0-2_20220203	RI-SB-29_13-15_20220204
			Laboratory Sample ID	460-251618-8	460-251880-8	460-251880-9	460-251839-7	460-251880-11
			Date Sampled	1/31/2022	2/04/2022	2/04/2022	2/03/2022	2/04/2022
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0014 UJ	0.0016 UJ	0.001 UJ	0.0014 UJ
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0012 U	0.0014 U	0.00082 J	0.001 U	0.0014 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,2-Dichloropropane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
2-Hexanone	NS	NS	NS	0.0061 U	0.0072 U	0.0079 U	0.0052 U	0.007 U
Acetone	**0.05**	100	0.05	0.012	0.0086 U	0.0095 U	0.0062 U	0.0085 U
Benzene	0.06	4.8	0.06	0.0012 U	0.0014 U	0.0016 U	0.001	0.0014 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Bromoform	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Bromomethane	NS	NS	NS	0.0024 U	0.0029 U	0.0032 U	0.0021 UJ	0.0028 U
Carbon Disulfide	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.00071 J	0.0014 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Chlorobenzene	1.1	100	1.1	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Chloroethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Chloroform	0.37	49	0.37	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Chloromethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Cyclohexane	NS	NS	NS	0.0012 U	0.0014 U	0.0014 J	0.001 U	0.0014 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Ethylbenzene	1	41	1	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
M,P-Xylenes	NS	NS	NS	0.0012 U	0.0014 U	0.0006 J	0.001 U	0.0014 U
Methyl Acetate	NS	NS	NS	0.0061 U	0.0072 U	0.0079 U	0.0052 U	0.007 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0061 U	0.0072 U	0.0079 U	0.0052 U	0.007 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0061 U	0.0072 U	0.0079 U	0.0052 U	0.007 U
Methylcyclohexane	NS	NS	NS	0.0012 U	0.0014 U	0.0025	0.001 U	0.0014 U
Methylene Chloride	0.05	100	0.05	0.0024 U	0.0029 U	0.0032 U	0.0021 U	0.0028 U
N-Butylbenzene	12	100	12	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
N-Propylbenzene	3.9	100	3.9	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0012 U	0.0014 U	0.00043 J	0.001 U	0.0014 U
Sec-Butylbenzene	11	100	11	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Styrene	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
T-Butylbenzene	5.9	100	5.9	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0009 J	0.0014 U	0.0016 U	0.001 U	0.0014 U
Toluene	0.7	100	0.7	0.0012 U	0.0014 U	0.00053 J	0.00033 J	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0014 U	0.0016 U	0.001 U	0.0014 U
Xylenes, Total	0.26	100	1.6	0.0024 U	0.0029 U	0.001 J	0.0021 U	0.0028 U

Table 2B
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-16_0-2_20220204	RI-SB-X_20220204	RI-SB-17_1-3_20220203	RI-SB-18_0-2_20220203	RI-SB-19_3-5_20220131	RI-SB-20_0-2_20220131
		Laboratory Sample ID	460-251880-1	460-251880-2	460-251839-1	460-251839-3	460-251618-1	460-251618-3
		Date Sampled	2/4/2022	2/4/2022	2/3/2022	2/3/2022	1/31/2022	1/31/2022
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.039 UJ	0.037 UJ	0.041 U	0.038 U	0.037 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.39 U	0.37 U	0.41 UJ	0.38 R	0.37 UJ	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.15 U	0.17 U	0.15 R	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.16 U	0.15 U	0.17 U	0.15 R	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.31 U	0.3 U	0.33 UJ	0.31 R	0.3 UJ	0.29 U
2,4-Dinitrotoluene	NS	NS	0.078 U	0.075 U	0.084 U	0.077 U	0.076 U	0.074 U
2,6-Dinitrotoluene	NS	NS	0.078 U	0.075 U	0.084 U	0.077 U	0.076 U	0.074 U
2-Chloronaphthalene	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
2-Chlorophenol	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U
2-Methylnaphthalene	NS	NS	0.39 U	0.025 J	0.014 J	0.011 J	0.37 U	0.013 J
2-Methylphenol (O-Cresol)	0.33	100	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U
2-Nitroaniline	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
2-Nitrophenol	NS	NS	0.39 U	0.37 U	0.41 UJ	0.38 R	0.37 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.15 U	0.17 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.3 U	0.33 UJ	0.31 R	0.3 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U
4-Chloroaniline	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.39 U	0.37 U	0.41 U	0.38 R	0.37 U	0.36 U
4-Nitroaniline	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
4-Nitrophenol	NS	NS	0.78 U	0.75 U	0.84 UJ	0.77 R	0.76 U	0.74 U
Acenaphthene	20	100	0.39 U	0.036 J	0.037 J	0.034 J	0.37 U	0.035 J
Acenaphthylene	100	100	0.018 J	0.026 J	0.013 J	0.048 J	0.37 U	0.053 J
Acetophenone	NS	NS	0.39 U	0.37 U	0.41 U	0.026 J	0.37 U	0.36 U
Anthracene	100	100	0.022 J	0.061 J	0.074 J	0.13 J	0.37 U	0.11 J
Atrazine	NS	NS	0.16 U	0.15 U	0.17 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.39 U	0.37 U	0.41 UJ	0.38 UJ	0.37 U	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.1	0.2	0.23	0.6	0.024 J	0.56
Benzo(a)Pyrene	**1**	1	0.1	0.19	0.22	0.59	0.02 J	0.55
Benzo(b)Fluoranthene	**1**	1	0.13	0.27	0.31	0.78	0.025 J	0.74
Benzo(g,h,i)Perylene	100	100	0.083 J	0.13 J	0.15 J	0.39	0.016 J	0.27 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.052	0.083	0.1	0.23	0.014 J	0.3
Benzyl Butyl Phthalate	NS	NS	0.39 UJ	0.37 UJ	0.41 U	0.023 J	0.37 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.39 U	0.0068 J	0.41 U	0.38 U	0.37 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 UJ	0.037 UJ	0.041 U	0.038 U	0.037 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 UJ	0.37 UJ	0.41 U	0.38 U	0.37 UJ	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.083 J	0.14 J	0.41 U	0.032 J	0.37 U	0.089 J
Caprolactam	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
Carbazole	NS	NS	0.39 U	0.051 J	0.033 J	0.032 J	0.37 U	0.03 J
Chrysene	**1**	3.9	0.11 J	0.22 J	0.25 J	0.58	0.023 J	0.54
Dibenz(a,h)Anthracene	**0.33**	0.33	0.019 J	0.036 J	0.036 J	0.092	0.037 U	0.05
Dibenzofuran	7	59	0.39 U	0.03 J	0.025 J	0.017 J	0.37 U	0.02 J
Diethyl Phthalate	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
Dimethyl Phthalate	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.39 U	0.37 U	0.022 J	0.053 J	0.37 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.39 UJ	0.37 UJ	0.41 U	0.38 U	0.37 U	0.36 U
Fluoranthene	100	100	0.18 J	0.44	0.5	1.1	0.026 J	1
Fluorene	30	100	0.39 U	0.036 J	0.026 J	0.03 J	0.37 U	0.027 J
Hexachlorobenzene	0.33	1.2	0.039 U	0.037 U	0.041 U	0.038 U	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	0.078 U	0.075 U	0.084 U	0.077 U	0.076 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	0.39 U	0.37 U	0.41 UJ	0.38 UJ	0.37 UJ	0.36 U
Hexachloroethane	NS	NS	0.039 U	0.037 U	0.041 U	0.038 U	0.037 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.083	0.14	0.16	0.46	0.018 J	0.37
Isophorone	NS	NS	0.16 UJ	0.15 UJ	0.17 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.014 J	0.066 J	0.013 J	0.017 J	0.37 U	0.024 J
Nitrobenzene	NS	NS	0.039 U	0.037 U	0.041 U	0.038 U	0.037 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.039 UJ	0.037 UJ	0.041 U	0.038 U	0.037 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.39 U	0.37 U	0.41 U	0.38 U	0.37 U	0.36 U
Pentachlorophenol	0.8	6.7	0.31 UJ	0.3 UJ	0.33 UJ	0.31 R	0.3 UJ	0.29 U
Phenanthrene	100	100	0.12 J	0.44	0.4 J	0.58	0.37 U	0.49
Phenol	0.33	100	0.39 UJ	0.19 J	0.41 U	0.38 R	0.37 U	0.36 U
Pyrene	100	100	0.19 J	0.44	0.57	1.3	0.04 J	1

Table 2B
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-21_0-2_20220203	RI-SB-X_20220203	RI-SB-22_0-2_20220204	RI-SB-22_14-16_20220204	RI-SB-23_0-2_20220204	RI-SB-24_3-5_20220131
		Laboratory Sample ID	460-251839-5	460-251839-8	460-251880-4	460-251880-5	460-251880-6	460-251618-5
		Date Sampled	2/3/2022	2/3/2022	2/4/2022	2/4/2022	2/4/2022	1/31/2022
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.036 U	0.036 UJ	0.037 UJ	0.034 UJ	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 R	0.36 R	0.36 U	0.37 U	0.34 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	0.37 R	0.36 R	0.36 U	0.37 U	0.34 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	0.15 R	0.14 R	0.14 U	0.15 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 R	0.14 R	0.14 U	0.15 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.37 R	0.36 R	0.36 U	0.37 U	0.34 U	0.34 U
2,4-Dinitrophenol	NS	NS	0.3 R	0.29 R	0.29 U	0.3 U	0.27 U	0.28 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.073 U	0.072 U	0.075 U	0.069 U	0.07 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.073 U	0.072 U	0.075 U	0.069 U	0.07 U
2-Chloronaphthalene	NS	NS	0.37 U	0.36 U	0.12 J	0.37 U	0.34 U	0.34 U
2-Chlorophenol	NS	NS	0.37 R	0.36 R	0.36 U	0.37 U	0.34 U	0.34 U
2-Methylnaphthalene	NS	NS	0.012 J	0.018 J	0.027 J	0.016 J	0.34 U	0.025 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 R	0.36 R	0.36 U	0.37 U	0.34 U	0.34 U
2-Nitroaniline	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
2-Nitrophenol	NS	NS	0.37 R	0.36 R	0.36 U	0.37 U	0.34 U	0.34 U
3- And 4- Methylphenol (Total)	NS	NS	0.17 JL	0.43 JL	0.36 U	0.37 U	0.34 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 R	0.29 R	0.29 U	0.3 U	0.27 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	0.37 R	0.36 R	0.36 U	0.37 U	0.34 U	0.34 U
4-Chloroaniline	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.17 JL	**0.43 JL**	0.36 U	0.37 U	0.34 U	0.34 U
4-Nitroaniline	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
4-Nitrophenol	NS	NS	0.74 R	0.73 R	0.72 U	0.75 U	0.69 U	0.7 U
Acenaphthene	20	100	0.019 J	0.034 J	0.036 J	0.082 J	0.34 U	0.052 J
Acenaphthylene	100	100	0.014 J	0.0093 J	0.11 J	0.023 J	0.34 U	0.11 J
Acetophenone	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
Anthracene	100	100	0.075 J	0.13 J	0.12 J	0.23 J	0.34 U	0.17 J
Atrazine	NS	NS	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.37 UJ	0.071 J	0.36 U	0.37 U	0.34 U	0.34 UJ
Benzo(a)Anthracene	**1**	1	0.21	0.37	0.45	0.64	0.034 U	0.89
Benzo(a)Pyrene	**1**	1	0.17	0.27	0.44	0.53	0.034 U	0.89
Benzo(b)Fluoranthene	**1**	1	0.24	0.4	0.67	0.67	0.034 U	**1.1**
Benzo(g,h,i)Perylene	100	100	0.11 J	0.15 J	0.29 J	0.33 J	0.34 U	0.43
Benzo(k)Fluoranthene	**0.8**	3.9	0.096	0.15	0.28	0.22	0.034 U	0.47
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.36 U	0.36 UJ	0.37 UJ	0.34 UJ	0.34 U
Biphenyl (Diphenyl)	NS	NS	0.0071 J	0.0086 J	0.015 J	0.37 U	0.34 U	0.0065 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.036 U	0.036 UJ	0.037 UJ	0.034 UJ	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.36 U	0.36 UJ	0.37 UJ	0.34 UJ	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.17 J	0.035 J	0.028 J	0.37 UJ	0.34 UJ	0.34 U
Caprolactam	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
Carbazole	NS	NS	0.026 J	0.05 J	0.03 J	0.035 J	0.34 U	0.055 J
Chrysene	**1**	3.9	0.25 J	0.34 J	0.49	0.67	0.34 U	0.9
Dibenz(a,h)Anthracene	**0.33**	0.33	0.028 J	0.048	0.076	0.085	0.034 U	0.069
Dibenzofuran	7	59	0.031 J	0.04 J	0.017 J	0.036 J	0.34 U	0.037 J
Diethyl Phthalate	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
Dimethyl Phthalate	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.36 U	0.035 J	0.029 J	0.34 U	0.34 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.36 U	0.36 UJ	0.37 UJ	0.34 UJ	0.34 U
Fluoranthene	100	100	0.58	0.8	0.8	1.2	0.34 U	1.6
Fluorene	30	100	0.009 J	0.029 J	0.029 J	0.076 J	0.34 U	0.061 J
Hexachlorobenzene	0.33	1.2	0.037 U	0.036 U	0.036 U	0.037 U	0.034 U	0.034 U
Hexachlorobutadiene	NS	NS	0.074 U	0.073 U	0.072 U	0.075 U	0.069 U	0.07 U
Hexachlorocyclopentadiene	NS	NS	0.37 UJ	0.36 UJ	0.36 U	0.37 U	0.34 U	0.34 U
Hexachloroethane	NS	NS	0.037 U	0.036 U	0.036 U	0.037 U	0.034 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.13	0.19	0.33	0.34	0.034 U	**0.64**
Isophorone	NS	NS	0.15 U	0.14 U	0.14 UJ	0.15 UJ	0.14 UJ	0.14 U
Naphthalene	12	100	0.012 J	0.025 J	0.12 J	0.033 J	0.34 U	0.061 J
Nitrobenzene	NS	NS	0.037 U	0.036 U	0.036 U	0.037 U	0.034 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.036 U	0.036 UJ	0.037 UJ	0.034 UJ	0.034 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.36 U	0.36 U	0.37 U	0.34 U	0.34 U
Pentachlorophenol	0.8	6.7	0.3 R	0.29 R	0.29 UJ	0.3 UJ	0.27 UJ	0.28 U
Phenanthrene	100	100	0.45	0.48	0.47	1.1	0.34 U	0.94
Phenol	0.33	100	0.37 R	0.36 R	0.36 UJ	0.37 UJ	0.34 UJ	0.34 U
Pyrene	100	100	0.6	0.87	0.9	1.5	0.34 U	1.8

Table 2B
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-25_0-2_20220203	RI-SB-26_0-2_20220204	RI-SB-27_1-3_20220131	RI-SB-28_0-2_20220204	RI-SB-29_0-2_20220203
		Laboratory Sample ID	460-251839-9	460-251880-12	460-251618-7	460-251880-8	460-251839-7
		Date Sampled	2/3/2022	2/4/2022	1/31/2022	2/4/2022	2/3/2022
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.039 UJ	0.036 UJ	0.035 U	0.034 UJ	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.39 UJ	0.36 R	0.35 U	0.34 U	0.36 UJ
2,4,5-Trichlorophenol	NS	NS	0.39 UJ	0.36 R	0.35 U	0.34 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.16 UJ	0.14 R	0.14 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.16 UJ	0.14 R	0.14 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.39 UJ	0.36 R	0.35 U	0.34 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.32 R	0.29 R	0.29 U	0.27 U	0.29 UJ
2,4-Dinitrotoluene	NS	NS	0.08 UJ	0.073 U	0.072 U	0.068 U	0.074 U
2,6-Dinitrotoluene	NS	NS	0.08 UJ	0.073 U	0.072 U	0.068 U	0.074 U
2-Chloronaphthalene	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
2-Chlorophenol	NS	NS	0.39 UJ	0.36 R	0.35 U	0.34 U	0.36 U
2-Methylnaphthalene	NS	NS	0.16 JL	0.36 U	0.014 J	0.34 U	0.018 J
2-Methylphenol (O-Cresol)	0.33	100	0.39 UJ	0.36 R	0.35 U	0.34 U	0.36 U
2-Nitroaniline	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
2-Nitrophenol	NS	NS	0.39 UJ	0.36 R	0.35 U	0.34 U	0.36 UJ
3- And 4- Methylphenol (Total)	NS	NS	0.39 UJ	0.36 R	0.35 U	0.34 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.34 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.32 R	0.29 R	0.29 U	0.27 U	0.29 UJ
4-Bromophenyl Phenyl Ether	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.39 UJ	0.36 R	0.35 U	0.34 U	0.36 U
4-Chloroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.34 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
4-Nitroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.34 U	0.36 U
4-Nitrophenol	NS	NS	0.8 UJ	0.73 R	0.72 U	0.68 U	0.74 UJ
Acenaphthene	20	100	0.57	0.36 U	0.35 U	0.34 U	0.012 J
Acenaphthylene	100	100	0.18 JL	0.36 U	0.011 J	0.34 U	0.076 J
Acetophenone	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
Anthracene	100	100	1.5	0.36 U	0.012 J	0.34 U	0.049 J
Atrazine	NS	NS	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.39 UJ	0.36 U	0.35 UJ	0.34 U	0.36 UJ
Benzo(a)Anthracene	**1**	1	**4.1**	0.051	0.052	0.026 J	0.53
Benzo(a)Pyrene	**1**	1	**3.5**	0.055	0.046	0.024 J	0.53
Benzo(b)Fluoranthene	**1**	1	**4.5**	0.07	0.072	0.03 J	0.79
Benzo(g,h,i)Perylene	100	100	2.1	0.039 J	0.14 J	0.016 J	0.28 J
Benzo(k)Fluoranthene	**0.8**	3.9	**1.9**	0.027 J	0.027 J	0.011 J	0.3
Benzyl Butyl Phthalate	NS	NS	0.39 U	0.36 UJ	0.35 U	0.34 UJ	0.02 J
Biphenyl (Diphenyl)	NS	NS	0.055 JL	0.36 U	0.35 U	0.34 U	0.0054 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 UJ	0.036 UJ	0.035 U	0.034 UJ	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 UJ	0.36 UJ	0.35 U	0.34 UJ	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.036 JL	0.36 UJ	0.038 J	0.34 UJ	0.36 U
Caprolactam	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
Carbazole	NS	NS	0.62	0.36 U	0.35 U	0.34 U	0.029 J
Chrysene	**1**	3.9	**3.9**	0.056 J	0.046 J	0.023 J	0.56
Dibenz(a,h)Anthracene	**0.33**	0.33	**0.63 JL**	0.036 U	0.017 J	0.034 U	0.075
Dibenzofuran	7	59	0.49	0.36 U	0.35 U	0.34 U	0.025 J
Diethyl Phthalate	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
Dimethyl Phthalate	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.39 UJ	0.36 UJ	0.35 U	0.34 UJ	0.36 U
Fluoranthene	100	100	7.8	0.076 J	0.08 J	0.033 J	0.95
Fluorene	30	100	0.63	0.36 U	0.35 U	0.34 U	0.025 J
Hexachlorobenzene	0.33	1.2	0.039 UJ	0.036 U	0.035 U	0.034 U	0.036 U
Hexachlorobutadiene	NS	NS	0.08 UJ	0.073 U	0.072 U	0.068 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 UJ
Hexachloroethane	NS	NS	0.039 UJ	0.036 U	0.035 U	0.034 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**2.6**	0.038	0.15	0.017 J	0.36
Isophorone	NS	NS	0.16 UJ	0.14 UJ	0.14 U	0.14 UJ	0.15 U
Naphthalene	12	100	0.52	0.36 U	0.011 J	0.34 U	0.035 J
Nitrobenzene	NS	NS	0.039 UJ	0.036 U	0.035 U	0.034 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.039 UJ	0.036 UJ	0.035 U	0.034 UJ	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.39 UJ	0.36 U	0.35 U	0.34 U	0.36 U
Pentachlorophenol	0.8	6.7	0.32 UJ	0.29 R	0.29 U	0.27 UJ	0.29 UJ
Phenanthrene	100	100	6.8	0.04 J	0.042 J	0.34 U	0.39
Phenol	0.33	100	0.39 UJ	0.36 R	0.35 U	0.34 UJ	0.36 U
Pyrene	100	100	8.4	0.088 J	0.078 J	0.039 J	1

Table 2C
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	RI-SB-16_0-2_20220204	RI-SB-X_20220204	RI-SB-17_1-3_20220203	RI-SB-18_0-2_20220203	RI-SB-19_3-5_20220131
			Laboratory Sample ID	460-251880-1	460-251880-2	460-251839-1	460-251839-3	460-251618-1
			Date Sampled	2/04/2022	2/04/2022	2/03/2022	2/03/2022	1/31/2022
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS		7,550	8,100	2,280	7,990	11,600
Antimony	NS	NS		0.25 J	0.26 J	0.93 U	0.39 J	0.87 U
Arsenic	**13**	16		3.5	3.6	1.3	4.1	2.4
Barium	**350**	400		200	185	33.5	89.4	145
Beryllium	7.2	72		0.33 J	0.35	0.091 J	0.4	0.87
Cadmium	2.5	4.3		0.61 J	0.46 J	0.11 J	0.56 J	0.18 J
Calcium	NS	NS		22,800	21,100	10,100	45,300	16,400
Chromium, Hexavalent	**1**	110		2.4 U	2.3 U	2.5 U	2.3 U	2.3 U
Chromium, Total	NS	NS		17.8	20.1	5	15.5	22.7
Cobalt	NS	NS		6.2	5.8	4	6.4	12.5
Copper	**50**	270		25.2	25.8	**72.7**	44	25.2
Cyanide	27	27		0.74 J	0.22 J	0.19 J	0.28 U	0.27 U
Iron	NS	NS		13,900	13,300	9,450	13,200	24,300
Lead	**63**	400		**236**	**240**	42.8	**178**	**101**
Magnesium	NS	NS		7,450	8,770	1,970	9,160	7,220
Manganese	1,600	2,000		314	292	134	299	369
Mercury	**0.18**	0.81		**0.26**	0.15	**0.22**	**0.27**	0.14
Nickel	**30**	310		15.5	14.7	4.2	14.2	26.3
Potassium	NS	NS		1,390	1,130	730	1,760	5,500
Selenium	3.9	180		0.13 J	0.15 J	0.12 J	0.21 J	0.14 J
Silver	2	180		0.96 U	0.08 J	0.93 U	0.13 J	0.87 U
Sodium	NS	NS		278	194	163	477	178
Thallium	NS	NS		0.11 J	0.1 J	0.37 U	0.12 J	0.31 J
Vanadium	NS	NS		20.6	20	13.4	22.5	43.1
Zinc	**109**	10,000		**254**	**167**	51.6	**207**	**114**

Table 2C
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	RI-SB-20_0-2_20220131	RI-SB-21_0-2_20220203	RI-SB-21_0-2_20220203	RI-SB-X_20220203	RI-SB-X_20220203
		Laboratory Sample ID	460-251618-3	460-251839-5	460-251839-5	460-251839-8	460-251839-8
		Date Sampled	1/31/2022	2/03/2022	2/03/2022	2/03/2022	2/03/2022
		Dilution Factor	1	1	5	1	2
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,470	30,900 J	NR	5,950 J	NR
Antimony	NS	NS	0.83 U	1.1 J	NR	0.17 J	NR
Arsenic	**13**	16	3	**13.5 J**	NR	2.5 J	NR
Barium	**350**	400	113	**358 J**	NR	64.5 J	NR
Beryllium	7.2	72	0.5	1.2 J	NR	0.24 J	NR
Cadmium	2.5	4.3	0.2 J	0.74 J	NR	0.21 J	NR
Calcium	NS	NS	22,600	NR	497,000 J	NR	64,200 J
Chromium, Hexavalent	**1**	110	2.2 U	**1.9 J**	NR	2.2 U	NR
Chromium, Total	NS	NS	15.4	77.6 J	NR	13.6 J	NR
Cobalt	NS	NS	8.3	21.4 J	NR	4.4 J	NR
Copper	**50**	270	**76.4**	**282 J**	NR	**58 J**	NR
Cyanide	27	27	0.2 J	0.31	NR	0.23 U	NR
Iron	NS	NS	18,100	47,600 J	NR	10,600 J	NR
Lead	**63**	400	**116**	**275 J**	NR	**68.4 J**	NR
Magnesium	NS	NS	5,710	152,000 J	NR	17,100 J	NR
Manganese	1,600	2,000	198	902 J	NR	177 J	NR
Mercury	**0.18**	0.81	0.12	0.07	NR	0.11	NR
Nickel	**30**	310	12.1	**48.8 J**	NR	9.1 J	NR
Potassium	NS	NS	1,540	9,420 J	NR	1,650 J	NR
Selenium	3.9	180	0.16 J	6.3 U	NR	0.11 J	NR
Silver	2	180	0.83 U	5 U	NR	0.89 U	NR
Sodium	NS	NS	218	1,510 J	NR	279 J	NR
Thallium	NS	NS	0.09 J	0.41 J	NR	0.08 J	NR
Vanadium	NS	NS	56.7	115 J	NR	19.5 J	NR
Zinc	**109**	10,000	107	**327 J**	NR	94.9 J	NR

Table 2C
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	RI-SB-22_0-2_20220204	RI-SB-22_14-16_20220204	RI-SB-23_0-2_20220204	RI-SB-24_3-5_20220131	RI-SB-24_3-5_20220131
			Laboratory Sample ID	460-251880-4	460-251880-5	460-251880-6	460-251618-5	460-251618-5
			Date Sampled	2/04/2022	2/04/2022	2/04/2022	1/31/2022	1/31/2022
			Dilution Factor	1	1	1	1	5
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS		6,310	6,120	5,190	6,360	NR
Antimony	NS	NS		0.35 J	2.3	0.84 U	0.17 J	NR
Arsenic	**13**	16		3.3	2.8	1.6	9.5	NR
Barium	**350**	400		91.4	71.5	26.6	**571**	NR
Beryllium	7.2	72		0.28 J	0.29 J	0.11 J	0.39	NR
Cadmium	2.5	4.3		0.49 J	1.3	0.84 U	0.72 J	NR
Calcium	NS	NS		28,500	38,200	16,300	NR	95,100
Chromium, Hexavalent	**1**	110		2.2 U	2.2 U	2.1 U	**1.1 J**	NR
Chromium, Total	NS	NS		12.5	17.2	3.1	14.3	NR
Cobalt	NS	NS		6	7.2	13.1	4.2	NR
Copper	**50**	270		43.1	29.6	**131**	14.6	NR
Cyanide	27	27		0.19 J	0.27 U	0.23 U	0.5	NR
Iron	NS	NS		12,700	41,300	27,000	10,100	NR
Lead	**63**	400		**205**	**555**	4.7	**1,130**	NR
Magnesium	NS	NS		11,400	14,200	6,150	7,930	NR
Manganese	1,600	2,000		234	489	265	218	NR
Mercury	**0.18**	0.81		**0.26**	0.11	0.016 U	**0.55**	NR
Nickel	**30**	310		12.2	14.5	7.1	9.9	NR
Potassium	NS	NS		1,290	1,410	1,270	1,110	NR
Selenium	3.9	180		0.15 J	0.53 J	0.13 J	0.85 J	NR
Silver	2	180		0.13 J	0.88 U	0.84 U	0.086 J	NR
Sodium	NS	NS		375	445	530	511	NR
Thallium	NS	NS		0.1 J	0.092 J	0.058 J	0.14 J	NR
Vanadium	NS	NS		25.2	19.5	104	22.2	NR
Zinc	**109**	10,000		**173**	**442**	44.8	**460**	NR

Table 2C
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	RI-SB-25_0-2_20220203	RI-SB-26_0-2_20220204	RI-SB-26_0-2_20220204	RI-SB-27_1-3_20220131
		Laboratory Sample ID	460-251839-9	460-251880-12	460-251880-12	460-251618-7
		Date Sampled	2/03/2022	2/04/2022	2/04/2022	1/31/2022
		Dilution Factor	1	1	5	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	11,700	11,500	NR	7,830
Antimony	NS	NS	0.25 JL	0.23 JL	NR	0.16 J
Arsenic	**13**	16	6.7	4.4	NR	3.3
Barium	**350**	400	106	107	NR	49.1
Beryllium	7.2	72	0.66	0.58	NR	0.38
Cadmium	2.5	4.3	0.49 J	0.35 J	NR	0.27 J
Calcium	NS	NS	16,000	NR	92,800	21,300
Chromium, Hexavalent	**1**	110	2.4 UJ	2.2 U	NR	2.1 U
Chromium, Total	NS	NS	20.6	21.3 JL	NR	12.5
Cobalt	NS	NS	8.3	6.2 JL	NR	7.7
Copper	**50**	270	41.6	32.9 JL	NR	39.1
Cyanide	27	27	0.29 U	0.14 JK	NR	0.26 U
Iron	NS	NS	17,100	14,800	NR	16,800
Lead	**63**	400	**267**	**130**	NR	**84.6**
Magnesium	NS	NS	9,370	17,800	NR	7,510
Manganese	1,600	2,000	390	266	NR	329
Mercury	**0.18**	0.81	**0.37**	0.077	NR	0.016
Nickel	**30**	310	16.5	16.3 JL	NR	12.2
Potassium	NS	NS	1,920	2,340	NR	1,090
Selenium	3.9	180	0.6 J	0.19 J	NR	0.12 J
Silver	2	180	0.14 J	0.11 J	NR	0.82 U
Sodium	NS	NS	519	772 JL	NR	498
Thallium	NS	NS	0.33 J	0.18 J	NR	0.076 J
Vanadium	NS	NS	25.8	31.3 JL	NR	27.9
Zinc	**109**	10,000	**178 JL**	**142 JL**	NR	**132**

Table 2C
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	RI-SB-28_0-2_20220204	RI-SB-29_0-2_20220203
			Laboratory Sample ID	460-251880-8	460-251839-7
			Date Sampled	2/04/2022	2/03/2022
			Dilution Factor	1	1
			Unit	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q
Aluminum	NS	NS		4,100	7,430
Antimony	NS	NS		0.78 U	0.91 U
Arsenic	**13**	16		1.8	3.1
Barium	**350**	400		14.2	266
Beryllium	7.2	72		0.053 J	0.38
Cadmium	2.5	4.3		0.78 U	0.46 J
Calcium	NS	NS		3,790	30,300
Chromium, Hexavalent	**1**	110		2 U	2.2 U
Chromium, Total	NS	NS		3.2	16.8
Cobalt	NS	NS		8.6	5.9
Copper	**50**	270		**73.6**	24.6
Cyanide	27	27		0.25 U	0.26 U
Iron	NS	NS		15,600	12,600
Lead	**63**	400		6.4	**384**
Magnesium	NS	NS		3,550	8,380
Manganese	1,600	2,000		137	254
Mercury	**0.18**	0.81		0.019	0.13
Nickel	**30**	310		6.3	13.3
Potassium	NS	NS		675	1,470
Selenium	3.9	180		0.97 U	0.15 J
Silver	2	180		0.78 U	0.91 U
Sodium	NS	NS		372	344
Thallium	NS	NS		0.31 U	0.13 J
Vanadium	NS	NS		46.1	21.3
Zinc	**109**	10,000		25.1	**208**

Table 2D
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	RI-SB-16_0-2_20220204	RI-SB-X_20220204	RI-SB-17_1-3_20220203	RI-SB-18_0-2_20220203	RI-SB-19_3-5_20220131
		Laboratory Sample ID	460-251880-1	460-251880-2	460-251839-1	460-251839-3	460-251618-1
		Date Sampled	2/4/2022	2/4/2022	2/3/2022	2/3/2022	1/31/2022
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
PCB-1221 (Aroclor 1221)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
PCB-1232 (Aroclor 1232)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
PCB-1242 (Aroclor 1242)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
PCB-1248 (Aroclor 1248)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
PCB-1254 (Aroclor 1254)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
PCB-1260 (Aroclor 1260)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
PCB-1262 (Aroclor 1262)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
PCB-1268 (Aroclor 1268)	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U
Total PCBs	0.1	1	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U

Table 2D
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	RI-SB-20_0-2_20220131	RI-SB-21_0-2_20220203	RI-SB-X_20220203	RI-SB-22_0-2_20220204	RI-SB-22_14-16_20220204
		Laboratory Sample ID	460-251618-3	460-251839-5	460-251839-8	460-251880-4	460-251880-5
		Date Sampled	1/31/2022	2/3/2022	2/3/2022	2/4/2022	2/4/2022
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U
Total PCBs	0.1	1	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U

Table 2D
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	RI-SB-23_0-2_20220204	RI-SB-24_3-5_20220131	RI-SB-25_0-2_20220203	RI-SB-26_0-2_20220204	RI-SB-27_1-3_20220131
		Laboratory Sample ID	460-251880-6	460-251618-5	460-251839-9	460-251880-12	460-251618-7
		Date Sampled	2/4/2022	1/31/2022	2/3/2022	2/4/2022	1/31/2022
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U
Total PCBs	0.1	1	0.069 U	0.07 U	0.08 U	0.073 U	0.072 U

Table 2D
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	RI-SB-28_0-2_20220204	RI-SB-29_0-2_20220203	RI-FB-01_20220204	RI-FB-02_20220204
		Laboratory Sample ID	460-251880-8	460-251839-7	460-251880-14	460-251880-15
		Date Sampled	2/4/2022	2/3/2022	2/4/2022	2/4/2022
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.068 U	0.074 U	NR	NR
PCB-1221 (Aroclor 1221)	NS	NS	0.068 U	0.074 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	0.068 U	0.074 U	NR	NR
PCB-1242 (Aroclor 1242)	NS	NS	0.068 U	0.074 U	NR	NR
PCB-1248 (Aroclor 1248)	NS	NS	0.068 U	0.074 U	NR	NR
PCB-1254 (Aroclor 1254)	NS	NS	0.068 U	0.074 U	NR	NR
PCB-1260 (Aroclor 1260)	NS	NS	0.068 U	0.074 U	NR	NR
PCB-1262 (Aroclor 1262)	NS	NS	0.068 U	0.074 U	NR	NR
PCB-1268 (Aroclor 1268)	NS	NS	0.068 U	0.074 U	NR	NR
Total PCBs	0.1	1	0.068 U	0.074 U	NR	NR

Table 2E
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	RI-SB-16_0-2_20220204	RI-SB-X_20220204	RI-SB-17_1-3_20220203	RI-SB-18_0-2_20220203	RI-SB-19_3-5_20220131
		Laboratory Sample ID	460-251880-1	460-251880-2	460-251839-1	460-251839-3	460-251618-1
		Date Sampled	2/4/2022	2/4/2022	2/3/2022	2/3/2022	1/31/2022
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	**0.005**	0.097	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0022 U	0.0025 U	0.0023 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0022 U	0.0025 U	0.0023 U	0.0023 U
Beta Endosulfan	NS	NS	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
cis-Chlordane	0.094	4.2	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0022 U	0.0025 U	0.0023 U	0.0023 U
Dieldrin	**0.005**	0.2	0.0023 U	0.0022 U	0.0025 U	0.0023 U	0.0023 U
Endosulfan Sulfate	NS	NS	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Endrin Aldehyde	NS	NS	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Endrin Ketone	NS	NS	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0022 U	0.0025 U	0.0023 U	0.0023 U
Heptachlor	0.042	2.1	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Heptachlor Epoxide	NS	NS	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Methoxychlor	NS	NS	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
P,P'-DDD	0.0033	13	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
P,P'-DDE	0.0033	8.9	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
P,P'-DDT	**0.0033**	7.9	0.0079 U	0.0075 U	0.0084 U	0.0077 U	0.0076 U
Toxaphene	NS	NS	0.079 U	0.075 U	0.084 U	0.077 U	0.076 U

Table 2E
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	RI-SB-20_0-2_20220131	RI-SB-21_0-2_20220203	RI-SB-X_20220203	RI-SB-22_0-2_20220204	RI-SB-22_14-16_20220204
		Laboratory Sample ID	460-251618-3	460-251839-5	460-251839-8	460-251880-4	460-251880-5
		Date Sampled	1/31/2022	2/3/2022	2/3/2022	2/4/2022	2/4/2022
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	**0.005**	0.097	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
cis-Chlordane	0.094	4.2	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	**0.005**	0.2	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Endrin Aldehyde	NS	NS	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Endrin Ketone	NS	NS	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Methoxychlor	NS	NS	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
P,P'-DDD	0.0033	13	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
P,P'-DDE	0.0033	8.9	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
P,P'-DDT	**0.0033**	7.9	0.0074 U	0.0074 U	0.0073 U	0.0072 U	0.0075 U
Toxaphene	NS	NS	0.074 U	0.074 U	0.073 U	0.072 U	0.075 U

Table 2E
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Pesticides

			AKRF Sample ID	RI-SB-23_0-2_20220204	RI-SB-24_3-5_20220131	RI-SB-25_0-2_20220203	RI-SB-26_0-2_20220204	RI-SB-27_1-3_20220131
			Laboratory Sample ID	460-251880-6	460-251618-5	460-251839-9	460-251880-12	460-251618-7
			Date Sampled	2/4/2022	1/31/2022	2/3/2022	2/4/2022	1/31/2022
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	**0.005**	0.097		0.0069 U	0.007 U	0.008 U	0.0073 U	**0.0098**
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48		0.002 U	0.0021 U	0.0024 U	0.0022 U	0.0021 U
Alpha Endosulfan	NS	NS		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36		0.002 U	0.0021 U	0.0024 U	0.0022 U	0.0021 U
Beta Endosulfan	NS	NS		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
cis-Chlordane	0.094	4.2		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100		0.002 U	0.0021 U	0.0024 U	0.0022 U	0.0021 U
Dieldrin	**0.005**	0.2		0.002 U	0.0021 U	0.0024 U	0.0022 U	**0.048**
Endosulfan Sulfate	NS	NS		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
Endosulfans ABS	2.4	24		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
Endrin Aldehyde	NS	NS		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
Endrin Ketone	NS	NS		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
Gamma Bhc (Lindane)	0.1	1.3		0.002 U	0.0021 U	0.0024 U	0.0022 U	0.0021 U
Heptachlor	0.042	2.1		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
Heptachlor Epoxide	NS	NS		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
Methoxychlor	NS	NS		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
P,P'-DDD	0.0033	13		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
P,P'-DDE	0.0033	8.9		0.0069 U	0.007 U	0.008 U	0.0073 U	0.0072 U
P,P'-DDT	**0.0033**	7.9		0.0069 U	0.007 U	**0.012**	0.0073 U	0.0072 U
Toxaphene	NS	NS		0.069 U	0.07 U	0.08 U	0.073 U	0.072 U

Table 2E
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	RI-SB-28_0-2_20220204	RI-SB-29_0-2_20220203
		Laboratory Sample ID	460-251880-8	460-251839-7
		Date Sampled	2/4/2022	2/3/2022
		Dilution Factor	1	1
		Unit	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
Aldrin	**0.005**	0.097	0.0068 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0068 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.0022 U
Beta Endosulfan	NS	NS	0.0068 U	0.0074 U
cis-Chlordane	0.094	4.2	0.0068 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.0022 U
Dieldrin	**0.005**	0.2	0.002 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0068 U	0.0074 U
Endosulfans ABS	2.4	24	0 U	0 U
Endrin	0.014	11	0.0068 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0068 U	0.0074 U
Endrin Ketone	NS	NS	0.0068 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.0022 U
Heptachlor	0.042	2.1	0.0068 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0068 U	0.0074 U
Methoxychlor	NS	NS	0.0068 U	0.0074 U
P,P'-DDD	0.0033	13	0.0068 U	0.0074 U
P,P'-DDE	0.0033	8.9	0.0068 U	0.0074 U
P,P'-DDT	**0.0033**	7.9	0.0068 U	0.0074 U
Toxaphene	NS	NS	0.068 U	0.074 U

Table 2F
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

			AKRF Sample ID	RI-SB-16_0-2_20220204	RI-SB-X_20220204	RI-SB-17_1-3_20220203	RI-SB-18_0-2_20220203	RI-SB-19_3-5_20220131
			Laboratory Sample ID	460-251956-1	460-251956-2	460-251838-1	460-251838-2	460-251623-1
			Date Sampled	2/4/2022	2/4/2022	2/3/2022	2/3/2022	1/31/2022
			Dilution Factor	1	1	1	1	1
			Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS		0.22 UJ	0.22 UJ	0.22 U	0.23 U	0.22 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS		0.22 UJ	0.22 UJ	0.22 U	0.23 U	0.22 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS		0.22 UJ	0.22 UJ	0.22 U	0.23 U	0.22 UJ
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS		0.22 UJ	0.22 UJ	0.22 UJ	0.23 U	0.22 UJ
Perfluorobutanesulfonic acid (PFBS)	NS	NS		0.44 U	0.44 U	0.43 U	0.46 U	0.45 U
Perfluorobutanoic acid (PFBA)	NS	NS		0.057 J	0.043 J	0.032 J	0.041 J	0.041 J
Perfluorodecanesulfonic acid (PFDS)	NS	NS		0.22 U	0.22 U	0.22 U	0.23 U	0.22 U
Perfluorodecanoic acid (PFDA)	NS	NS		0.028 J	0.22 U	0.032 J	0.23 U	0.22 U
Perfluorododecanoic acid (PFDoA)	NS	NS		0.035 J	0.22 UJ	0.22 U	0.23 U	0.22 UJ
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS		0.22 U	0.22 U	0.22 U	0.23 U	0.22 U
Perfluoroheptanoic acid (PFHpA)	NS	NS		0.22 U	0.22 U	0.22 U	0.033 J	0.22 U
Perfluorohexanesulfonic acid (PFHxS)	NS	NS		0.22 UJ	0.22 UJ	0.22 U	0.029 J	0.22 U
Perfluorohexanoic acid (PFHxA)	NS	NS		0.039 J	0.032 J	0.023 J	0.038 J	0.024 J
Perfluorononanoic acid (PFNA)	NS	NS		0.027 J	0.22 UJ	0.22 U	0.039 J	0.22 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44		0.22	0.22	0.38	**1.15**	0.051 J
Perfluorooctanoic acid (PFOA)	**0.66**	33		0.034 J	0.027 J	0.042 J	0.16 J	0.22 U
Perfluoropentanoic acid (PFPeA)	NS	NS		0.22 UJ	0.22 U	0.22 U	0.23 U	0.22 U
Perfluorotetradecanoic acid (PFTeDA)	NS	NS		0.22 UJ	0.22 UJ	0.22 U	0.23 UJ	0.22 UJ
Perfluorotridecanoic acid (PFTrDA)	NS	NS		0.22 U	0.22 U	0.22 U	0.23 U	0.22 U
Perfluoroundecanoic acid (PFUnA)	NS	NS		0.22 U	0.22 UJ	0.22 U	0.23 U	0.22 U
Perfluorooctanesulfonamide (PFOSA)	NS	NS		0.22 UJ	0.22 UJ	0.22 U	0.23 UJ	0.22 UJ

Table 2F
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

			AKRF Sample ID	RI-SB-20_0-2_20220131	RI-SB-21_0-2_20220203	RI-SB-X_20220203	RI-SB-22_0-2_20220204	RI-SB-22_14-16_20220204
			Laboratory Sample ID	460-251623-2	460-251838-3	460-251838-4	460-251956-3	460-251956-10
			Date Sampled	1/31/2022	2/3/2022	2/3/2022	2/4/2022	2/4/2022
			Dilution Factor	1	1	1	1	1
			Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS		0.22 U	0.26 U	0.27 U	0.22 U	0.21 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS		0.22 U	0.26 U	0.27 U	0.22 U	0.21 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS		0.024 J	0.26 U	0.042 J	0.22 UJ	0.21 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS		0.22 UJ	0.26 U	0.27 U	0.22 UJ	0.21 UJ
Perfluorobutanesulfonic acid (PFBS)	NS	NS		0.43 U	0.52 U	0.53 U	0.44 U	0.43 U
Perfluorobutanoic acid (PFBA)	NS	NS		0.043 J	0.034 J	0.27 U	0.058 J	0.21 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS		0.22 U	0.26 U	0.27 U	0.22 U	0.21 U
Perfluorodecanoic acid (PFDA)	NS	NS		0.044 J	0.26 U	0.27 U	0.22 U	0.026 J
Perfluorododecanoic acid (PFDoA)	NS	NS		0.035 J	0.26 U	0.27 U	0.22 U	0.21 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS		0.22 U	0.26 U	0.031 J	0.22 U	0.21 U
Perfluoroheptanoic acid (PFHpA)	NS	NS		0.22 U	0.26 U	0.27 U	0.11 J	0.21 U
Perfluorohexanesulfonic acid (PFHxS)	NS	NS		0.22 U	0.14 J	0.2 J	0.22 U	0.21 U
Perfluorohexanoic acid (PFHxA)	NS	NS		0.033 J	0.26 U	0.026 J	0.14 J	0.21 U
Perfluorononanoic acid (PFNA)	NS	NS		0.028 J	0.26 U	0.27 U	0.22 U	0.21 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44		0.22	**1.71 J**	**3.21 J**	0.27	0.34
Perfluorooctanoic acid (PFOA)	**0.66**	33		0.047 J	0.59	**0.92**	0.26	0.038 J
Perfluoropentanoic acid (PFPeA)	NS	NS		0.028 J	0.26 U	0.27 U	0.13 J	0.21 U
Perfluorotetradecanoic acid (PFTeDA)	NS	NS		0.22 UJ	0.26 UJ	0.27 U	0.22 UJ	0.21 UJ
Perfluorotridecanoic acid (PFTrDA)	NS	NS		0.22 U	0.26 U	0.27 U	0.22 U	0.21 U
Perfluoroundecanoic acid (PFUnA)	NS	NS		0.22 U	0.26 U	0.27 U	0.22 U	0.21 U
Perfluorooctanesulfonamide (PFOSA)	NS	NS		0.22 UJ	0.26 UJ	0.27 U	0.22 UJ	0.21 UJ

Table 2F
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

			AKRF Sample ID	RI-SB-23_0-2_20220204	RI-SB-24_3-5_20220131	RI-SB-25_0-2_20220203	RI-SB-26_0-2_20220204	RI-SB-27_1-3_20220131
			Laboratory Sample ID	460-251956-4	460-251623-3	460-251838-5	460-251956-7	460-251623-4
			Date Sampled	2/4/2022	1/31/2022	2/3/2022	2/4/2022	1/31/2022
			Dilution Factor	1	1	1	1	1
			Unit	ppb	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS		0.051 J	0.21 U	0.43	0.22 U	0.21 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS		0.2 U	0.21 U	0.24 U	0.22 U	0.21 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS		0.2 UJ	0.21 UJ	0.24 UJ	0.22 UJ	0.21 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS		0.2 UJ	0.21 UJ	0.24 UJ	0.22 UJ	0.21 UJ
Perfluorobutanesulfonic acid (PFBS)	NS	NS		0.41 U	0.42 U	0.48 U	0.44 U	0.41 U
Perfluorobutanoic acid (PFBA)	NS	NS		0.2 U	0.21 U	0.031 J	0.22 U	0.21 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS		0.2 U	0.21 U	0.24 UJ	0.22 UJ	0.21 U
Perfluorodecanoic acid (PFDA)	NS	NS		0.2 U	0.03 J	0.24 U	0.22 U	0.21 U
Perfluorododecanoic acid (PFDoA)	NS	NS		0.2 U	0.21 U	0.24 U	0.22 U	0.21 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS		0.2 U	0.028 J	0.24 U	0.22 U	0.21 U
Perfluoroheptanoic acid (PFHpA)	NS	NS		0.2 U	0.21 U	0.081 J	0.1 J	0.21 U
Perfluorohexanesulfonic acid (PFHxS)	NS	NS		0.2 U	0.19 J	0.038 J	0.25	0.21 U
Perfluorohexanoic acid (PFHxA)	NS	NS		0.2 U	0.039 J	0.058 J	0.086 J	0.21 U
Perfluorononanoic acid (PFNA)	NS	NS		0.2 U	0.036 J	0.24 U	0.22 U	0.21 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44		0.2 U	0.43	0.14 J	0.084 J	0.059 J
Perfluorooctanoic acid (PFOA)	**0.66**	33		0.2 U	0.1 J	0.22 J	0.26	0.21 U
Perfluoropentanoic acid (PFPeA)	NS	NS		0.2 U	0.21 U	0.03 J	0.046 J	0.21 U
Perfluorotetradecanoic acid (PFTeDA)	NS	NS		0.2 UJ	0.21 U	0.24 UJ	0.22 UJ	0.21 U
Perfluorotridecanoic acid (PFTrDA)	NS	NS		0.2 U	0.21 U	0.24 UJ	0.22 UJ	0.21 U
Perfluoroundecanoic acid (PFUnA)	NS	NS		0.2 U	0.21 U	0.24 U	0.22 U	0.21 U
Perfluorooctanesulfonamide (PFOSA)	NS	NS		0.2 U	0.21 UJ	0.24 U	0.22 UJ	0.026 J

Table 2F
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	RI-SB-28_0-2_20220204	RI-SB-29_0-2_20220203
		Laboratory Sample ID	460-251956-5	460-251838-6
		Date Sampled	2/4/2022	2/3/2022
		Dilution Factor	1	1
		Unit	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS	0.2 UJ	0.22 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS	0.2 UJ	0.22 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	0.2 UJ	0.22 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	0.2 UJ	0.22 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.41 U	0.44 U
Perfluorobutanoic acid (PFBA)	NS	NS	0.024 J	0.22 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS	0.2 U	0.22 U
Perfluorodecanoic acid (PFDA)	NS	NS	0.2 U	0.027 J
Perfluorododecanoic acid (PFDoA)	NS	NS	0.2 UJ	0.22 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	0.2 U	0.22 U
Perfluoroheptanoic acid (PFHpA)	NS	NS	0.2 U	0.047 J
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	0.2 UJ	0.035 J
Perfluorohexanoic acid (PFHxA)	NS	NS	0.2 U	0.091 J
Perfluorononanoic acid (PFNA)	NS	NS	0.2 U	0.04 J
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.071 J	0.73
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.027 J	0.17 J
Perfluoropentanoic acid (PFPeA)	NS	NS	0.2 UJ	0.12 J
Perfluorotetradecanoic acid (PFTeDA)	NS	NS	0.2 UJ	0.22 U
Perfluorotridecanoic acid (PFTrDA)	NS	NS	0.2 U	0.22 U
Perfluoroundecanoic acid (PFUnA)	NS	NS	0.2 UJ	0.22 U
Perfluorooctanesulfonamide (PFOSA)	NS	NS	0.053 J	0.22 UJ

Table 3A
350 Grand Concourse
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID		RI-MW-18_20220210	RI-MW-22_20220211	RI-MW-X_20220211	RI-MW-23_20220211	RI-FB-03_20220211	RI-TB-02_20220211
Laboratory Sample ID		460-252268-1	460-252361-1	460-252361-3	460-252361-2	460-252361-4	460-252361-5
Date Sampled		2/10/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	0.87 J	0.89 J	2.7	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1.9	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	0.57 J	0.55 J	3.1	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	0.47 J	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	15	15	5 U	5 U	5 U
Benzene	**1**	1 U	0.47 J	0.46 J	**32**	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1.8	1.8	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	380	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	0.84 J	1 U	1 U
Isopropylbenzene (Cumene)	**5**	1 U	1.5	1.6	**16**	1 U	1 U
M,P-Xylenes	**5**	1 U	0.54 J	0.54 J	**28**	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	3 J	2.4 J	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	260	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	3.3	1 U	1 U
N-Propylbenzene	**5**	1 U	3.2	3.2	**14**	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	3	1 U	1 U
Sec-Butylbenzene	**5**	1 U	0.77 J	0.8 J	**5.2**	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	0.99 J	1 U	1 U
Tert-Butyl Methyl Ether (MTBE)	**10**	1 U	1 U	1 U	**13**	1 U	1 U
Tetrachloroethylene (PCE)	5	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	**5**	1 U	0.45 J	0.43 J	**7.8**	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	0.88 J	31	2 U	2 U

Table 3B
350 Grand Concourse
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of SVOCs

	AKRF Sample ID	RI-MW-18_20220210	RI-MW-22_20220211	RI-MW-X_20220211	RI-MW-23_20220211	RI-FB-03_20220211
	Laboratory Sample ID	460-252268-1	460-252361-1	460-252361-3	460-252361-2	460-252361-4
	Date Sampled	2/10/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.35	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	20 UJ	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	2 U	2 UJ	2 UJ	2 UJ	2 UJ
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	0.7 J	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 UJ	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 UJ	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 UJ	10 UJ	10 UJ	10 UJ
3-Nitroaniline	5	10 U	10 U	10 U	10 UJ	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 UJ	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
Benzaldehyde	NS	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	**0.002**	1 U	**0.79 J**	**0.91 J**	1 U	1 U
Benzo(a)Pyrene	**ND**	1 UJ	**0.45 J**	**0.62 J**	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 UJ	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 UJ	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 UJ	2 UJ	2 UJ	2 UJ
Caprolactam	NS	10 U	10 UJ	10 U	10 UJ	10 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 UJ	1 UJ	1 UJ	1 UJ
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	1.6 J	1.8 J	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 UJ	2 UJ	2 UJ	2 UJ
Isophorone	50	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	1 JL	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 UJ	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	3.1 J	3.3 J	10 U	10 U
Phenol	**1**	10 U	**3.3 J**	**2.7 J**	10 U	10 U
Pyrene	50	10 U	10 U	2 J	10 U	10 U

Table 3C
350 Grand Concourse
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

	AKRF Sample ID	RI-MW-18_20220210	RI-MW-22_20220211	RI-MW-X_20220211	RI-MW-23_20220211	RI-FB-03_20220211
	Laboratory Sample ID	460-252268-1	460-252361-1	460-252361-3	460-252361-2	460-252361-4
	Date Sampled	2/10/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	1,910	2,130	1,550	40 U
Antimony	3	1 J	1.1 J	1.1 J	2 U	2 U
Arsenic	25	2 U	1.3 J	1.4 J	2.2	2 U
Barium	1,000	203	52.2	49.7	482	4 U
Beryllium	3	0.8 U	0.15 J	0.19 J	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	127,000	40,000	37,100	100,000	500 U
Chromium, Total	50	17.2	11	10.3	4 U	4 U
Cobalt	NS	2.1 J	3.4 J	3.4 J	1.7 J	4 U
Copper	200	5.1	14.5	14.3	3.8 J	4 U
Iron	**300**	227	**3,700**	**3,880**	**5,110**	120 U
Lead	**25**	1.2 U	**34.4**	**32.8**	16.1	1.2 U
Magnesium	**35,000**	27,100	7,610	7,270	**52,500**	200 U
Manganese	**300**	179	**314**	293	**366**	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	29.5	6.9	7.3	4.2	4 U
Potassium	NS	4,940	8,950	8,360	9,870	200 U
Selenium	10	1.4 J	1.5 J	1.3 J	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**399,000**	**115,000**	**106,000**	**241,000**	500 U
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	11.9	10.9	3.8 J	4 U
Zinc	2,000	16 U	40.4	40	34.8	16 U

Table 3D
350 Grand Concourse
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Dissolved Metals

	AKRF Sample ID	RI-MW-18_20220210		RI-MW-22_20220211		RI-MW-X_20220211		RI-MW-23_20220211	
	Laboratory Sample ID	460-252268-1		460-252361-1		460-252361-3		460-252361-2	
	Date Sampled	2/10/2022		2/11/2022		2/11/2022		2/11/2022	
	Unit	µg/L		µg/L		µg/L		µg/L	
	Dilution Factor	1		1		1		1	
Compound	**AWQSGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	40	U	23.7	J	40	U	40	U
Antimony	3	1	J	1.5	J	1.3	J	2	U
Arsenic	25	2	U	1.1	J	2	U	1.1	J
Barium	1,000	209		21.5	J	9.4	J	463	
Beryllium	3	0.8	U	0.8	U	0.8	U	0.8	U
Cadmium	5	2	U	2	U	2	U	2	U
Calcium	NS	137,000		27,800	J	9,470	J	95,200	
Chromium, Total	50	4	U	4	U	4	U	4	U
Cobalt	NS	2.4	J	4	U	4	U	4	U
Copper	200	4	U	4	U	4	U	4	U
Iron	300	120	U	120	U	120	U	120	U
Lead	25	1.2	U	1.2	U	1.2	U	1.2	U
Magnesium	**35,000**	29,600		3,510		2,110		**52,400**	
Manganese	300	210		7.2	J	8	U	276	
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U
Nickel	100	33.3		2	J	1.8	J	1.4	J
Potassium	NS	5,630		8,630		8,730		10,100	
Selenium	10	1.7	J	2.3	J	2.3	J	2.5	U
Silver	50	2	U	2	U	2	U	2	U
Sodium	**20,000**	**486,000**		**117,000**		**134,000**		**247,000**	
Thallium	0.5	0.8	U	0.8	U	0.8	U	0.8	U
Vanadium	NS	4	U	5.3		6.6		4	U
Zinc	2,000	16	U	16	U	16	U	16	U

Table 3E
350 Grand Concourse
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of PCBs

AKRF Sample ID		RI-MW-18_20220210	RI-MW-22_20220211	RI-MW-X_20220211	RI-MW-23_20220211	RI-FB-03_20220211
Laboratory Sample ID		460-252268-1	460-252361-1	460-252361-3	460-252361-2	460-252361-4
Date Sampled		2/10/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 3F
350 Grand Concourse
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Pesticides

	AKRF Sample ID	RI-MW-18_20220210	RI-MW-22_20220211	RI-MW-X_20220211	RI-MW-23_20220211	RI-FB-03_20220211
	Laboratory Sample ID	460-252268-1	460-252361-1	460-252361-3	460-252361-2	460-252361-4
	Date Sampled	2/10/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 UJ	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	NS	0 U	0 U	0 U	0 U	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 3G
350 Grand Concourse
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-MW-18_20220210	RI-MW-22_20220211	RI-MW-X_20220211	RI-MW-23_20220211	RI-FB-03_20220211
	Laboratory Sample ID	460-252309-1	460-252413-1	460-252413-3	460-252413-2	460-252413-4
	Date Sampled	2/10/2022	2/11/2022	2/11/2022	2/11/2022	2/11/2022
	Unit	ppt	ppt	ppt	ppt	ppt
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	2.65 U	2.79 U	2.71 UJ	2.57 UJ	2.68 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	4.42 U	4.66 UJ	4.52 UJ	4.29 UJ	4.46 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	2.65 U	2.79 U	2.71 U	2.57 U	2.68 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	1.77 U	1.86 U	1.81 U	1.72 U	1.78 U
Perfluorobutanesulfonic acid (PFBS)	NS	6.25	2.14	1.47 J	6.27	1.78 U
Perfluorobutanoic acid (PFBA)	NS	20.2	7.96	6.24	27.4	4.46 U
Perfluorodecanesulfonic acid (PFDS)	NS	1.77 U	1.86 U	1.81 U	1.72 U	1.78 U
Perfluorodecanoic acid (PFDA)	NS	1.77 U	1.42 J	1.11 J	1.4 J	1.78 U
Perfluorododecanoic acid (PFDoA)	NS	1.77 U	1.86 U	1.81 U	1.72 U	1.78 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	0.62 J	1.86 U	1.81 U	1.72 U	1.78 U
Perfluoroheptanoic acid (PFHpA)	NS	10.2	8.53	6.27	9.09	1.78 U
Perfluorohexanesulfonic acid (PFHxS)	NS	6.18	3.91	2.8	3.78	1.78 U
Perfluorohexanoic acid (PFHxA)	NS	20	9.63	7.19	21.4	1.78 U
Perfluorononanoic acid (PFNA)	NS	2.54	3.44	2.48	5.26	1.78 U
Perfluorooctanesulfonamide (PFOSA)	NS	1.77 U	1.86 U	1.81 U	1.72 U	1.78 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**21.1**	**38.9**	**28.9**	**31.4**	1.78 U
Perfluorooctanoic acid (PFOA)	**6.7**	**25.9**	**15.9**	**12.3**	**20.4**	1.78 U
Perfluoropentanoic acid (PFPeA)	NS	30.2	10.2	8.27	22.2	1.78 U
Perfluorotetradecanoic acid (PFTeDA)	NS	1.77 U	1.86 U	1.81 U	1.72 UJ	1.78 U
Perfluorotridecanoic acid (PFTrDA)	NS	1.77 U	1.86 U	1.81 U	1.72 U	1.78 U
Perfluoroundecanoic acid (PFUnA)	NS	1.77 U	1.86 U	1.81 U	1.72 U	1.78 U

Table 4
350 Grand Concourse
Bronx, NY
Remedial Investigation
Soil Vapor Analytical Results of VOCs

AKRF Sample ID	RI-SV-16_20220204	RI-SV-16_20220204	RI-SV-17_20220211	RI-SV-17_20220211	RI-SV-18_20221025	RI-SV-19_20220204	RI-SV-20_20220204	RI-SV-30_20221025
Laboratory Sample ID	200-61997-3	200-61997-3	200-62108-1	200-62108-1	200-65495-2	200-61997-2	200-61997-1	200-65495-1
Date Sampled	2/04/2022	2/04/2022	2/11/2022	2/11/2022	10/25/2022	2/04/2022	2/04/2022	10/25/2022
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	500	4,200	1	2	1	1	1	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	550 U	NR	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1
1,1,2,2-Tetrachloroethane	690 U	NR	1.4 U	NR	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	770 U	NR	1.5 U	NR	1.5 U	0.53 J	0.46 J	3.2
1,1,2-Trichloroethane	550 U	NR	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	400 U	NR	0.81 U	NR	0.81 U	0.81 U	0.81 U	0.37 J
1,1-Dichloroethene	100 U	NR	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	1,900 U	NR	3.7 U	NR	3.7 U	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	490 U	NR	0.98 U	NR	3.8	0.69 J	0.42 J	2.3
1,2-Dibromoethane (Ethylene Dibromide)	770 U	NR	1.5 U	NR	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	600 U	NR	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	400 U	NR	0.81 U	NR	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	460 U	NR	0.92 U	NR	0.92 U	0.92 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	490 U	NR	0.98 U	NR	1.2	0.32 J	0.98 U	0.72 J
1,3-Butadiene	220 U	NR	0.44 U	NR	0.19 J	0.44 U	0.44 U	0.44 U
1,3-Dichlorobenzene	600 U	NR	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	600 U	NR	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U
2,2,4-Trimethylpentane	NR	670,000 D	0.93 U	NR	150	0.71 J	0.93 U	3.4
2-Chlorotoluene	520 U	NR	1 U	NR	1 U	1 U	1 U	1 U
2-Hexanone	1,000 U	NR	1.2 J	NR	2 U	2 U	2 U	1.5 J
4-Ethyltoluene	490 U	NR	0.98 U	NR	1.2	0.34 J	0.98 U	0.79 J
Acetone	5,900 U	NR	NR	110 D	35	5.2 J	12 U	53
Allyl Chloride (3-Chloropropene)	780 U	NR	1.6 U	NR	1.6 U	1.6 U	1.6 U	1.6 U
Benzene	320 U	NR	1.9	NR	1.8	0.5 J	0.4 J	3.7
Benzyl Chloride	520 U	NR	1 U	NR	1 U	1 U	1 U	1 U
Bromodichloromethane	670 U	NR	0.56 J	NR	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	1,000 U	NR	2.1 U	NR	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane	390 U	NR	0.78 U	NR	0.78 U	0.78 U	0.78 U	0.78 U
Butane	6,100	NR	4.4	NR	7.6	3.4	1.3	8.5
Carbon Disulfide	780 U	NR	10	NR	1 J	1.6 U	1.6 U	33
Carbon Tetrachloride	110 U	NR	0.32	NR	0.22	0.36	0.28	0.19 J
Chlorobenzene	460 U	NR	0.92 U	NR	0.92 U	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane	880 U	NR	1.8 U	NR	1.8 U	13	9.5	1.8 U
Chloroethane	660 U	NR	1.3 U	NR	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform	490 U	NR	5.8	NR	2.2	0.98 U	0.28 J	8.3
Chloromethane	520 U	NR	1 U	NR	0.36 J	0.67 J	0.43 J	0.55 J
Cis-1,2-Dichloroethylene	100 U	NR	0.2 U	NR	0.2 U	0.2 U	0.2 U	4.5
Cis-1,3-Dichloropropene	450 U	NR	0.91 U	NR	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane	32,000	NR	0.48 J	NR	1.1	0.69 U	0.69 U	1.4
Cymene	550 U	NR	1.1 U	NR	1.1 U	0.34 J	1.1 U	1.1 U
Dibromochloromethane	850 U	NR	1.7 U	NR	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	1,200 U	NR	1.5 J	NR	0.83 J	2 J	2 J	1.3 J
Ethylbenzene	430 U	NR	0.67 J	NR	3.5	0.74 J	0.87 U	3.5
Hexachlorobutadiene	1,100 U	NR	2.1 U	NR	2.1 U	2.1 U	2.1 U	2.1 U
Isopropanol	6,100 U	NR	2.8 J	NR	12 U	12 U	12 U	12 U
Isopropylbenzene (Cumene)	490 U	NR	0.98 U	NR	0.98 U	0.98 U	0.98 U	0.98 U
M,P-Xylenes	1,100 U	NR	1.9 J	NR	14	3.3	1.4 J	11
Methyl Ethyl Ketone (2-Butanone)	740 U	NR	15	NR	1.5 U	1 J	1.5 U	9.8
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	1,000 U	NR	2 U	NR	2 U	2 U	2 U	2.9
Methyl Methacrylate	1,000 U	NR	2 U	NR	2 U	2 U	2 U	2 U
Methylene Chloride	870 U	NR	1.7 U	NR	1.7 U	0.61 J	0.88 J	1.7 U
Naphthalene	1,300 U	NR	2.6 UJ	NR	2.6 U	2.6 U	2.6 U	2.6 U
N-Butylbenzene	550 U	NR	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U
N-Heptane	44,000	NR	58	NR	0.82 U	1	0.37 J	5.1
N-Hexane	NR	240,000 D	3.7	NR	2.8	1.8 U	1.8 U	2
N-Propylbenzene	490 U	NR	0.98 U	NR	0.98 U	0.98 U	0.98 U	0.61 J
O-Xylene (1,2-Dimethylbenzene)	430 U	NR	0.47 J	NR	5	0.9	0.45 J	4
Sec-Butylbenzene	550 U	NR	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U
Styrene	430 U	NR	0.85 U	NR	0.26 J	0.85 U	0.85 U	0.85 U
T-Butylbenzene	550 U	NR	1.1 U	NR	1.1 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	7,600 U	NR	15 U	NR	15 U	15 U	15 U	15 U
Tert-Butyl Methyl Ether (MTBE)	360 U	NR	0.37 J	NR	0.33 J	0.72 U	0.72 U	7
Tetrachloroethylene (PCE)	680 U	NR	5.5	NR	9.9	1.4 U	0.6 J	11
Tetrahydrofuran	7,400 U	NR	15 U	NR	15 U	15 U	15 U	15 U
Toluene	380 U	NR	4.7	NR	15	3.9	1.7	9.9
Trans-1,2-Dichloroethene	400 U	NR	0.79 U	NR	0.79 U	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	450 U	NR	0.91 U	NR	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethylene (TCE)	100 U	NR	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.44
Trichlorofluoromethane	560 U	NR	1.3	NR	0.94 J	1.2	1.3	1.1
Vinyl Bromide	440 U	NR	0.87 U	NR	0.87 U	0.87 U	0.87 U	0.87 U
Vinyl Chloride	100 U	NR	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.2 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-A1-1B_3-5_20250522	SRI-A1-1B_5-7_20250522	SRI-A1-1B_13-15_20250522	SRI-A1-2_3-5_20250519	SRI-A1-2_8-10_20250519
			Laboratory Sample ID	460-326756-18	460-326756-19	460-326756-20	460-326644-11	460-326644-12
			Date Sampled	5/22/2025	5/22/2025	5/22/2025	5/19/2025	5/19/2025
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 UJ	0.0012 UJ
1,1-Dichloroethane	0.27	26	0.27	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0015 UJ	0.0015 U	0.0012 UJ	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0015 UJ	0.0015 U	0.0012 UJ	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0015 UJ	0.0015 U	0.0012 U	0.0012 UJ	0.0012 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0015 UJ	0.0046	0.0012 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0015 UJ	0.0015 U	0.0012 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0015 UJ	0.00092 J	0.0012 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	NS	0.0076 U	0.0073 U	0.006 U	0.0061 U	0.0058 U
Acetone	**0.05**	100	0.05	0.027	**0.058**	0.022	0.011	0.012
Acrolein	NS	NS	NS	0.15 UJ	0.15 U	0.12 U	0.12 U	0.12 U
Acrylonitrile	NS	NS	NS	0.015 U	0.015 U	0.012 U	0.012 U	0.012 U
Benzene	0.06	4.8	0.06	0.0015 U	0.0095	0.0012 U	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Bromoform	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	NS	0.0031 U	0.0029 U	0.0024 U	0.0024 U	0.0023 U
Carbon Disulfide	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	100	1.1	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.37	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	NS	0.0015 U	0.033	0.0012 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Ethylbenzene	**1**	41	1	0.0015 U	0.081	0.0012 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0015 U	0.036	0.0012 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	NS	0.0015 UJ	0.71	0.0012 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	NS	0.0076 U	0.0073 U	0.006 U	0.0061 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0076 U	0.0079	0.006 U	0.0061 U	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0076 U	0.0073 U	0.006 U	0.0061 U	0.0058 U
Methylcyclohexane	NS	NS	NS	0.0015 U	0.14	0.0012 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.0031 U	0.0049	0.0024 U	0.0024 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0015 UJ	0.43	0.0012 U	0.0012 U	0.0012 U
Styrene	NS	NS	NS	0.0015 UJ	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS	0.013 J	0.014 J	0.012 U	0.041	0.031
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.7	0.0015 U	0.093	0.0012 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0015 UJ	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.0015 U	0.0015 U	0.0012 U	0.0012 U	0.0012 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-A1-2_13-15_20250519	SRI-A1-3B_3-5_20250522	SRI-X-7_3-5_20250522	SRI-A1-3B_7-9_20250522	SRI-A1-4B_3-5_20250522
			Laboratory Sample ID	460-326644-13	460-326756-15	460-326756-14	460-326756-16	460-326756-21
			Date Sampled	5/19/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
2-Hexanone	NS	NS	NS	0.0054 U	0.0062 U	0.0089 U	0.0052 U	0.0061 U
Acetone	**0.05**	100	0.05	**0.061 J**	0.0074 U	**0.2**	0.026	0.0073 U
Acrolein	NS	NS	NS	0.11 U	0.12 U	0.18 U	0.1 U	0.12 U
Acrylonitrile	NS	NS	NS	0.011 UJ	0.012 U	0.018 U	0.01 U	0.012 U
Benzene	0.06	4.8	0.06	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Bromoform	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Bromomethane	NS	NS	NS	0.0022 U	0.0025 U	0.0036 U	0.0021 U	0.0024 U
Carbon Disulfide	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Chlorobenzene	1.1	100	1.1	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Chloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Chloroform	0.37	49	0.37	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Chloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Cyclohexane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Ethylbenzene	**1**	41	1	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
M,P-Xylenes	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Methyl Acetate	NS	NS	NS	0.0054 U	0.0062 U	0.0089 U	0.0052 U	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0054 U	0.0062 U	0.0089 U	0.0052 U	0.0061 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0054 U	0.0062 U	0.0089 U	0.0052 U	0.0061 U
Methylcyclohexane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.0022 U	0.0025 U	0.0036 U	0.0021 U	0.0024 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Styrene	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS	0.026	0.012 U	0.049	0.0087 J	0.012 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Toluene	0.7	100	0.7	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0012 U	0.0018 U	0.001 U	0.0012 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-A2-1_3-5_20250520	SRI-A2-1_8-10_20250520	SRI-A2-1_13-15_20250520	SRI-X-3_13-15_20250520	SRI-A2-2_3-5_20250520
				Laboratory Sample ID	460-326580-11	460-326580-12	460-326580-13	460-326580-14	460-326580-8
				Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0012 U	0.0013 U	0.0016 UJ	0.0017 UJ	0.0017 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,1,2-Trichloroethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,1-Dichloroethane	0.27	26	0.27		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,1-Dichloroethene	0.33	100	0.33		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,2-Dichloropropane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
2-Hexanone	NS	NS	NS		0.006 U	0.0063 U	0.008 U	0.0085 U	0.0087 U
Acetone	**0.05**	100	0.05		0.015	0.02	0.014	0.0099 J	0.01 U
Acrolein	NS	NS	NS		0.12 U	0.13 U	0.16 U	0.17 U	0.17 U
Acrylonitrile	NS	NS	NS		0.012 UJ	0.013 UJ	0.016 U	0.017 U	0.017 UJ
Benzene	0.06	4.8	0.06		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Bromochloromethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Bromodichloromethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Bromoform	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Bromomethane	NS	NS	NS		0.0024 U	0.0025 U	0.0032 U	0.0034 U	0.0035 U
Carbon Disulfide	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0012 U	0.0013 U	0.0016 UJ	0.0017 UJ	0.0017 U
Chlorobenzene	1.1	100	1.1		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Chloroethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Chloroform	0.37	49	0.37		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Chloromethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Cyclohexane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Dibromochloromethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Dichlorodifluoromethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Ethylbenzene	**1**	41	1		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
M,P-Xylenes	NS	NS	NS		0.00084 J	0.00064 J	0.0015 J	0.0017 U	0.0017 U
Methyl Acetate	NS	NS	NS		0.006 U	0.0063 U	0.008 U	0.0085 U	0.0087 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.006 U	0.0063 U	0.008 U	0.0085 U	0.0087 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.006 U	0.0063 U	0.008 U	0.0085 U	0.0087 U
Methylcyclohexane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Methylene Chloride	0.05	100	0.05		0.0024 U	0.0025 U	0.0032 U	0.0034 U	0.0035 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.00067 J	0.0013 U	0.0011 J	0.0017 U	0.0017 U
Styrene	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Tert-Butyl Alcohol	NS	NS	NS		0.012	0.013 U	0.043	0.033	0.017 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Toluene	0.7	100	0.7		0.0012 U	0.0013 U	0.0011 J	0.0017 U	0.0017 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Trichlorofluoromethane	NS	NS	NS		0.0012 U	0.0013 U	0.0016 U	0.0017 U	0.0017 U
Vinyl Chloride	0.02	0.9	0.02		0.0012 U	0.0013 U	0.0016 UJ	0.0017 UJ	0.0017 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-A2-2_8-10_20250520	SRI-A2-2_13-15_20250520	SRI-A2-3_3-5_20250520	SRI-A2-3_8-10_20250520	SRI-A2-3_10-12_20250520
			Laboratory Sample ID	460-326580-9	460-326580-10	460-326580-17	460-326580-18	460-326580-19
			Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0013 U	0.0013 U	0.0011 U	0.001 UJ	0.0018 UJ
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,1,2-Trichloroethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,1-Dichloroethane	0.27	26	0.27	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,1-Dichloroethene	0.33	100	0.33	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0013 U	0.0013 U	0.0011 UJ	0.001 U	0.0018 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0013 U	0.0013 U	0.0011 UJ	0.001 U	0.0018 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 UJ	0.001 U	0.0018 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,2-Dichloropropane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
2-Hexanone	NS	NS	NS	0.0064 U	0.0067 U	0.0055 U	0.005 U	0.0092 U
Acetone	**0.05**	100	0.05	**0.21**	**0.069**	0.0066 U	0.006 U	0.011 U
Acrolein	NS	NS	NS	0.13 U	0.13 U	0.11 U	0.1 U	0.18 U
Acrylonitrile	NS	NS	NS	0.013 UJ	0.013 UJ	0.011 U	0.01 U	0.018 U
Benzene	0.06	4.8	0.06	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Bromochloromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Bromodichloromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Bromoform	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Bromomethane	NS	NS	NS	0.0026 U	0.0027 U	0.0022 U	0.002 U	0.0037 U
Carbon Disulfide	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0013 U	0.0013 U	0.0011 U	0.001 UJ	0.0018 UJ
Chlorobenzene	1.1	100	1.1	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Chloroethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Chloroform	0.37	49	0.37	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Chloromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Cyclohexane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Dibromochloromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Dichlorodifluoromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Ethylbenzene	**1**	41	1	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
M,P-Xylenes	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Methyl Acetate	NS	NS	NS	0.0064 U	0.0067 U	0.0055 U	0.005 U	0.0092 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0064 U	0.0067 U	0.0055 U	0.005 U	0.0092 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0064 U	0.0067 U	0.0055 U	0.005 U	0.0092 U
Methylcyclohexane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Methylene Chloride	0.05	100	0.05	0.0026 U	0.0027 U	0.0022 U	0.002 U	0.0037 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Styrene	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Tert-Butyl Alcohol	NS	NS	NS	0.045	0.03	0.015	0.01 U	0.018 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Toluene	0.7	100	0.7	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Trichlorofluoromethane	NS	NS	NS	0.0013 U	0.0013 U	0.0011 U	0.001 U	0.0018 U
Vinyl Chloride	0.02	0.9	0.02	0.0013 U	0.0013 U	0.0011 U	0.001 UJ	0.0018 UJ

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-A2-4_3-5_20250520	SRI-A2-4_8-10_20250520	SRI-A2-4_13-15_20250520	SRI-A3-1_3-5_20250520	SRI-A3-1_8-10_20250520
			Laboratory Sample ID	460-326580-1	460-326580-2	460-326580-3	460-326580-33	460-326580-34
			Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0016 U	0.0012 U	0.0011 U	0.0011 UJ	0.0015 UJ
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0016 UJ	0.0012 UJ	0.0011 UJ	0.0011 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.27	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.33	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,2-Dichloropropane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
2-Hexanone	NS	NS	NS	0.008 U	0.006 U	0.0054 U	0.0057 U	0.0077 U
Acetone	**0.05**	100	0.05	0.0091 J	0.02	**0.076**	**0.11**	0.031
Acrolein	NS	NS	NS	0.16 U	0.12 U	0.11 U	0.11 U	0.15 U
Acrylonitrile	NS	NS	NS	0.016 U	0.012 U	0.011 U	0.011 U	0.015 U
Benzene	0.06	4.8	0.06	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Bromochloromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Bromodichloromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Bromoform	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Bromomethane	NS	NS	NS	0.0032 U	0.0024 U	0.0022 U	0.0023 U	0.0031 U
Carbon Disulfide	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0016 UJ	0.0012 UJ	0.0011 UJ	0.0011 UJ	0.0015 UJ
Chlorobenzene	1.1	100	1.1	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Chloroethane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Chloroform	0.37	49	0.37	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Chloromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Cyclohexane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Dibromochloromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Dichlorodifluoromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Ethylbenzene	**1**	41	1	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
M,P-Xylenes	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Methyl Acetate	NS	NS	NS	0.008 U	0.006 U	0.0054 U	0.0057 U	0.0077 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.008 U	0.006 U	0.0054 U	0.0057 U	0.0077 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.008 U	0.006 U	0.0054 U	0.0057 U	0.0077 U
Methylcyclohexane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Methylene Chloride	0.05	100	0.05	0.0032 U	0.0024 U	0.0022 U	0.0023 U	0.0031 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Styrene	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Tert-Butyl Alcohol	NS	NS	NS	0.023	0.058	0.17	0.13	0.081
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Toluene	0.7	100	0.7	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Trichlorofluoromethane	NS	NS	NS	0.0016 U	0.0012 U	0.0011 U	0.0011 U	0.0015 U
Vinyl Chloride	0.02	0.9	0.02	0.0016 U	0.0012 U	0.0011 U	0.0011 UJ	0.0015 UJ

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-A3-1_13-15_20250520	SRI-A3-2_3-5_20250520	SRI-A3-2_8-10_20250520	SRI-A3-2_13-15_20250520	SRI-A3-3_3-5_20250520
			Laboratory Sample ID	460-326580-35	460-326580-30	460-326580-31	460-326580-32	460-326580-20
			Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0014 UJ	0.0011 UJ	0.00099 UJ	0.0012 UJ	0.0012 UJ
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	NS	0.0068 U	0.0054 U	0.0049 U	0.0062 U	0.0062 U
Acetone	**0.05**	100	0.05	**0.14**	0.017	0.018	**0.054**	0.0088
Acrolein	NS	NS	NS	0.14 U	0.11 U	0.099 U	0.12 U	0.12 U
Acrylonitrile	NS	NS	NS	0.014 U	0.011 U	0.0099 U	0.012 U	0.012 U
Benzene	0.06	4.8	0.06	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Bromoform	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	NS	0.0027 U	0.0022 U	0.002 U	0.0025 U	0.0025 U
Carbon Disulfide	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0014 UJ	0.0011 UJ	0.00099 UJ	0.0012 UJ	0.0012 UJ
Chlorobenzene	1.1	100	1.1	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.37	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Ethylbenzene	**1**	41	1	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	NS	0.0068 U	0.0054 U	0.0049 U	0.0062 U	0.0062 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0068 U	0.0054 U	0.0049 U	0.0062 U	0.0062 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0068 U	0.0054 U	0.0049 U	0.0062 U	0.0062 U
Methylcyclohexane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.0027 U	0.0022 U	0.002 U	0.0025 U	0.0025 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Styrene	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS	0.16	0.032	0.034	0.12	0.036
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.7	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.0014 UJ	0.0011 UJ	0.00099 UJ	0.0012 UJ	0.0012 UJ

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-A3-3_5-7_20250520	SRI-X-4_5-7_20250520	SRI-A3-3_13-15_20250520	SRI-A3-4_3-5_20250520	SRI-A3-4_6-8_20250520
				Laboratory Sample ID	460-326580-21	460-326580-23	460-326580-22	460-326580-27	460-326580-28
				Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.00099 UJ
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,1,2-Trichloroethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,1-Dichloroethane	0.27	26	0.27		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,1-Dichloroethene	0.33	100	0.33		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 UJ	0.0013 U	0.00099 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,2-Dichloropropane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
2-Hexanone	NS	NS	NS		0.0057 U	0.0055 U	0.0062 U	0.0066 U	0.005 U
Acetone	**0.05**	100	0.05		**0.29 J**	0.027 JL	0.039	0.01	0.0079
Acrolein	NS	NS	NS		0.11 U	0.11 U	0.12 U	0.13 U	0.099 U
Acrylonitrile	NS	NS	NS		0.011 U	0.011 U	0.012 U	0.013 U	0.0099 U
Benzene	0.06	4.8	0.06		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Bromochloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Bromodichloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Bromoform	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Bromomethane	NS	NS	NS		0.0023 U	0.0022 U	0.0025 U	0.0026 U	0.002 U
Carbon Disulfide	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.00099 UJ
Chlorobenzene	1.1	100	1.1		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Chloroethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Chloroform	0.37	49	0.37		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Chloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Cyclohexane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Dibromochloromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Dichlorodifluoromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Ethylbenzene	**1**	41	1		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
M,P-Xylenes	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Methyl Acetate	NS	NS	NS		0.0057 U	0.0055 U	0.0062 U	0.0066 U	0.005 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0057 U	0.0055 U	0.0062 U	0.0066 U	0.005 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0057 U	0.0055 U	0.0062 U	0.0066 U	0.005 U
Methylcyclohexane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Methylene Chloride	0.05	100	0.05		0.0023 U	0.0022 U	0.0025 U	0.0026 U	0.002 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Styrene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Tert-Butyl Alcohol	NS	NS	NS		0.22 J	0.067 JL	0.12	0.035	0.025
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Toluene	0.7	100	0.7		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Trichlorofluoromethane	NS	NS	NS		0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.00099 U
Vinyl Chloride	0.02	0.9	0.02		0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.00099 UJ

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-A3-4_13-15_20250520	SRI-A4-1_3-5_20250520	SRI-A4-1_7-9_20250520	SRI-A4-2_3-5_20250520	SRI-A4-2_6-8_20250520
			Laboratory Sample ID	460-326580-29	460-326580-36	460-326580-37	460-326580-38	460-326580-39
			Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	2.4	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	1.8	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
2-Hexanone	NS	NS	NS	0.0052 U	0.0077 U	0.0063 U	0.0069 U	0.0062 U
Acetone	**0.05**	100	0.05	0.021	0.031	0.024	0.012	0.035
Acrolein	NS	NS	NS	0.1 U	0.15 U	0.13 U	0.14 U	0.12 U
Acrylonitrile	NS	NS	NS	0.01 U	0.015 U	0.013 U	0.014 U	0.012 U
Benzene	0.06	4.8	0.06	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Bromoform	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Bromomethane	NS	NS	NS	0.0021 U	0.0031 U	0.0025 U	0.0028 U	0.0025 U
Carbon Disulfide	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Chlorobenzene	1.1	100	1.1	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Chloroethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Chloroform	0.37	49	0.37	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Chloromethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Cyclohexane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Ethylbenzene	**1**	41	1	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
M,P-Xylenes	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Methyl Acetate	NS	NS	NS	0.0052 U	0.0077 U	0.0063 U	0.0069 U	0.0062 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0052 U	0.0077 U	0.0063 U	0.0069 U	0.0062 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0052 U	0.0077 U	0.0063 U	0.0069 U	0.0062 U
Methylcyclohexane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.0021 U	0.0031 U	0.0025 U	0.0028 U	0.0025 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Styrene	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS	0.071	0.079	0.073	0.05	0.046
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Toluene	0.7	100	0.7	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.001 U	0.0015 U	0.0013 U	0.0014 U	0.0012 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-A4-3_3-5_20250521	SRI-X-5_3-5_20250521	SRI-A4-3_8-10_20250521	SRI-A4-3_10-12_20250521	SRI-A4-4_3_5_20250521
				Laboratory Sample ID	460-326694-3	460-326694-6	460-326694-4	460-326694-5	460-326694-1
				Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0013 U	0.0013 UJ	0.0013 U	0.0013 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0013 U	0.0013 U	0.0013 UJ	0.0013 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0013 UJ	0.0013 U	0.0013 UJ	0.0013 UJ	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 UJ	0.0013 U	0.0011 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0013 U	0.0013 U	0.0013 UJ	0.0013 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0013 U	0.0013 U	0.0013 UJ	0.0013 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0013 U	0.0013 U	0.0013 UJ	0.0013 U	0.0011 U
2-Hexanone	NS	NS	NS		0.0063 U	0.0067 U	0.0065 U	0.0063 U	0.0057 U
Acetone	**0.05**	100	0.05		0.0076	0.008 U	0.022 JK	0.042	0.0068 U
Acrolein	NS	NS	NS		0.13 U	0.13 U	0.13 UJ	0.13 U	0.11 U
Acrylonitrile	NS	NS	NS		0.013 U	0.013 U	0.013 U	0.013 U	0.011 U
Benzene	0.06	4.8	0.06		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Bromoform	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Bromomethane	NS	NS	NS		0.0025 U	0.0027 U	0.0026 U	0.0025 U	0.0023 U
Carbon Disulfide	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Chlorobenzene	1.1	100	1.1		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Chloroethane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Chloroform	0.37	49	0.37		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Chloromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Cyclohexane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Ethylbenzene	**1**	41	1		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.0063 U	0.0067 U	0.0065 U	0.0063 U	0.0057 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0063 U	0.0067 U	0.0065 U	0.0063 U	0.0057 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0063 U	0.0067 U	0.0065 U	0.0063 U	0.0057 U
Methylcyclohexane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Methylene Chloride	0.05	100	0.05		0.0025 U	0.0027 U	0.0026 U	0.0025 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Styrene	NS	NS	NS		0.0013 U	0.0013 U	0.0013 UJ	0.0013 U	0.0011 U
Tert-Butyl Alcohol	NS	NS	NS		0.019	0.013	0.039	0.018	0.012
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Toluene	0.7	100	0.7		0.00036 J	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0013 U	0.0013 U	0.0013 UJ	0.0013 UJ	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02		0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0011 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-A4-4_6-8_20250521	SRI-B1-1_3-5_20250519	SRI-B1-2_3-5_20250519	SRI-B1-2_5-7_20250519	SRI-B1-2_13-15_20250519
				Laboratory Sample ID	460-326694-2	460-326644-20	460-326644-15	460-326644-16	460-326644-17
				Date Sampled	5/21/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0019 U	0.0011 UJ	0.0016 U	0.001 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.0019 U	0.0011 UJ	0.0016 UJ	0.001 UJ	0.0011 U
1,1-Dichloroethane	0.27	26	0.27		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0019 U	0.0011 UJ	0.0016 U	0.001 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0019 UJ	0.0011 UJ	0.0016 U	0.001 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0019 U	0.0011 UJ	0.0016 UJ	0.001 UJ	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0019 U	0.0011 UJ	0.0016 U	0.001 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0019 U	0.0011 UJ	0.0016 U	0.001 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
2-Hexanone	NS	NS	NS		0.0096 U	0.0056 U	0.008 U	0.005 U	0.0054 U
Acetone	**0.05**	100	0.05		0.026	0.044	**0.085**	0.045	0.011
Acrolein	NS	NS	NS		0.19 U	0.11 UJ	0.16 U	0.1 U	0.11 U
Acrylonitrile	NS	NS	NS		0.019 U	0.011 U	0.016 U	0.01 U	0.011 U
Benzene	0.06	4.8	0.06		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Bromoform	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Bromomethane	NS	NS	NS		0.0039 U	0.0022 U	0.0032 U	0.002 U	0.0022 U
Carbon Disulfide	NS	NS	NS		0.00058 J	0.0011 U	0.0016 U	0.001 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0019 U	0.0011 UJ	0.0016 U	0.001 U	0.0011 UJ
Chlorobenzene	1.1	100	1.1		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Chloroethane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Chloroform	0.37	49	0.37		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Chloromethane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Cyclohexane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Ethylbenzene	**1**	41	1		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.00096 J	0.0011 U	0.0016 U	0.001 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.0096 U	0.0056 UJ	0.008 U	0.005 U	0.0054 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0096 U	0.0056 U	0.008 U	0.005 U	0.0054 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0096 U	0.0056 U	0.008 U	0.005 U	0.0054 U
Methylcyclohexane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Methylene Chloride	0.05	100	0.05		0.0039 U	0.0022 U	0.0032 U	0.002 U	0.0022 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Styrene	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Tert-Butyl Alcohol	NS	NS	NS		0.055	0.14 JL	0.21	0.068	0.027
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Toluene	0.7	100	0.7		0.00051 J	0.0011 U	0.0016 U	0.00028 J	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0019 U	0.0011 UJ	0.0016 U	0.001 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02		0.0019 U	0.0011 U	0.0016 U	0.001 U	0.0011 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-X-1_13-15_20250519	SRI-B1-2_18-20_20250519	SRI-B1-3_3-5_20250519	SRI-B1-3_5-7_20250519	SRI-B1-3_13-15_20250519
				Laboratory Sample ID	460-326644-14	460-326644-18	460-326644-21	460-326644-22	460-326644-23
				Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.00093 U	0.0011 U	0.001 UJ	0.0011 UJ	0.001 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,1,2-Trichloroethane	NS	NS	NS		0.00093 UJ	0.0011 U	0.001 U	0.0011 U	0.001 U
1,1-Dichloroethane	0.27	26	0.27		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,1-Dichloroethene	0.33	100	0.33		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.00093 UJ	0.0011 U	0.001 U	0.0011 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,2-Dichlorobenzene	1.1	100	1.1		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.02		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,2-Dichloropropane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,3-Dichlorobenzene	2.4	49	2.4		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
1,4-Dichlorobenzene	1.8	13	1.8		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
2-Hexanone	NS	NS	NS		0.0046 U	0.0057 U	0.0052 U	0.0056 U	0.005 U
Acetone	**0.05**	100	0.05		0.0093 JL	0.022	0.038	0.026	**0.14**
Acrolein	NS	NS	NS		0.093 U	0.11 U	0.1 U	0.11 U	0.1 U
Acrylonitrile	NS	NS	NS		0.0093 U	0.011 U	0.01 U	0.011 U	0.01 U
Benzene	0.06	4.8	0.06		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Bromochloromethane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Bromodichloromethane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Bromoform	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Bromomethane	NS	NS	NS		0.0019 U	0.0023 U	0.0021 U	0.0022 U	0.002 U
Carbon Disulfide	NS	NS	NS		0.00093 U	0.0017	0.001 U	0.0011 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.76		0.00093 U	0.0011 UJ	0.001 UJ	0.0011 UJ	0.001 UJ
Chlorobenzene	1.1	100	1.1		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Chloroethane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Chloroform	0.37	49	0.37		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Chloromethane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Cyclohexane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Dibromochloromethane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Dichlorodifluoromethane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Ethylbenzene	**1**	41	1		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
M,P-Xylenes	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Methyl Acetate	NS	NS	NS		0.0046 U	0.0057 U	0.0052 U	0.0056 U	0.005 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0046 U	0.0057 U	0.0052 U	0.0056 U	0.005 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0046 U	0.0057 U	0.0052 U	0.0056 U	0.005 U
Methylcyclohexane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Methylene Chloride	0.05	100	0.05		0.0019 U	0.0023 U	0.0021 U	0.0022 U	0.002 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Styrene	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Tert-Butyl Alcohol	NS	NS	NS		0.021	0.034	0.11	0.07	0.14
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Toluene	0.7	100	0.7		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.47		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Trichlorofluoromethane	NS	NS	NS		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U
Vinyl Chloride	0.02	0.9	0.02		0.00093 U	0.0011 U	0.001 U	0.0011 U	0.001 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-B1-4_3-5_20250519	SRI-X-2_3-5_20250519	SRI-B1-4_5-7_20250519	SRI-B1-4_13-15_20250519	SRI-B1-4_17-19_20250519
			Laboratory Sample ID	460-326644-24	460-326644-19	460-326644-25	460-326644-26	460-326644-27
			Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
			Dilution Factor	1	1	1	1	50
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.00094 UJ	0.00098 U	0.00096 UJ	0.0011 UJ	0.11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,1,2-Trichloroethane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,1-Dichloroethane	0.27	26	0.27	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,1-Dichloroethene	0.33	100	0.33	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dichlorobenzene	1.1	100	1.1	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dichloroethane	0.02	3.1	0.02	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,2-Dichloropropane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,3-Dichlorobenzene	2.4	49	2.4	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
1,4-Dichlorobenzene	1.8	13	1.8	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
2-Hexanone	NS	NS	NS	0.0047 U	0.0049 U	0.0048 U	0.0055 U	0.55 U
Acetone	**0.05**	100	0.05	0.0082	0.015	**0.082**	**0.094**	0.55 U
Acrolein	NS	NS	NS	0.094 U	0.098 U	0.096 U	0.11 U	0.55 U
Acrylonitrile	NS	NS	NS	0.0094 U	0.0098 U	0.0096 U	0.011 U	1.1 U
Benzene	0.06	4.8	0.06	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Bromochloromethane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Bromodichloromethane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Bromoform	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Bromomethane	NS	NS	NS	0.0019 U	0.002 U	0.0019 U	0.0022 U	0.11 U
Carbon Disulfide	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0079	0.11 U
Carbon Tetrachloride	0.76	2.4	0.76	0.00094 UJ	0.00098 UJ	0.00096 UJ	0.0011 UJ	0.11 U
Chlorobenzene	1.1	100	1.1	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Chloroethane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Chloroform	0.37	49	0.37	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Chloromethane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Cyclohexane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Dibromochloromethane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Dichlorodifluoromethane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Ethylbenzene	**1**	41	1	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.052 J
Isopropylbenzene (Cumene)	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.33
M,P-Xylenes	NS	NS	NS	0.00094 U	0.00055 J	0.00041 J	0.00058 J	0.11 U
Methyl Acetate	NS	NS	NS	0.0047 U	0.0049 U	0.0048 U	0.0055 U	0.55 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0047 U	0.0049 U	0.0068	0.013	0.55 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0047 U	0.0049 U	0.0048 U	0.0055 U	0.55 U
Methylcyclohexane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Methylene Chloride	0.05	100	0.05	0.0019 U	0.002 U	0.0019 U	0.0022 U	0.11 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.00094 U	0.00045 J	0.00096 U	0.0011 U	0.11 U
Styrene	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Tert-Butyl Alcohol	NS	NS	NS	0.027	0.051	0.05	0.089	1.1 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Toluene	0.7	100	0.7	0.00094 U	0.00098 U	0.0003 J	0.0011 U	0.11 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Trichloroethylene (TCE)	0.47	21	0.47	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Trichlorofluoromethane	NS	NS	NS	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U
Vinyl Chloride	0.02	0.9	0.02	0.00094 U	0.00098 U	0.00096 U	0.0011 U	0.11 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-B1-4_18-20_20250519	SRI-B1-4_22-24_20250520	SRI-B2-1_3-5_20250519	SRI-B2-1_8-10_20250519	SRI-B2-1_13-15_20250519
			Laboratory Sample ID	460-326644-34	460-326580-15	460-326644-33	460-326644-37	460-326644-36
			Date Sampled	5/19/2025	5/20/2025	5/19/2025	5/19/2025	5/19/2025
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.00092 U	0.0011 UJ	0.0011 U	0.00099 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.00092 UJ	0.0011 U	0.0011 UJ	0.00099 UJ	0.001 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,1,2-Trichloroethane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,1-Dichloroethane	0.27	26	0.27	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,1-Dichloroethene	0.33	100	0.33	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,2-Dichlorobenzene	1.1	100	1.1	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.02	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,2-Dichloropropane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,3-Dichlorobenzene	2.4	49	2.4	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
1,4-Dichlorobenzene	1.8	13	1.8	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
2-Hexanone	NS	NS	NS	0.0046 U	0.0055 U	0.0057 U	0.0049 U	0.005 U
Acetone	**0.05**	100	0.05	0.008	0.034	0.043	**0.15**	0.012
Acrolein	NS	NS	NS	0.092 U	0.11 U	0.11 U	0.099 U	0.1 U
Acrylonitrile	NS	NS	NS	0.0092 U	0.011 U	0.011 U	0.0099 U	0.01 U
Benzene	0.06	4.8	0.06	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Bromochloromethane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Bromodichloromethane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Bromoform	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Bromomethane	NS	NS	NS	0.0018 U	0.0022 U	0.0023 U	0.002 U	0.002 U
Carbon Disulfide	NS	NS	NS	0.00092 U	0.00042 J	0.0011 U	0.00099 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.76	0.00092 UJ	0.0011 UJ	0.0011 UJ	0.00099 UJ	0.001 UJ
Chlorobenzene	1.1	100	1.1	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Chloroethane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Chloroform	0.37	49	0.37	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Chloromethane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Cyclohexane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Dibromochloromethane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Dichlorodifluoromethane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Ethylbenzene	**1**	41	1	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
M,P-Xylenes	NS	NS	NS	0.00092 U	0.0011 U	0.00049 J	0.00099 U	0.001 U
Methyl Acetate	NS	NS	NS	0.0046 U	0.0055 U	0.0057 U	0.0049 U	0.005 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0046 U	0.0055 U	0.0057 U	0.0049 U	0.005 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0046 U	0.0055 U	0.0057 U	0.0049 U	0.005 U
Methylcyclohexane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Methylene Chloride	0.05	100	0.05	0.0018 U	0.0022 U	0.0023 U	0.002 U	0.002 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Styrene	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Tert-Butyl Alcohol	NS	NS	NS	0.02	0.033	0.12	0.15	0.029
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Toluene	0.7	100	0.7	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.47	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Trichlorofluoromethane	NS	NS	NS	0.00092 U	0.0011 U	0.0011 U	0.00099 U	0.001 U
Vinyl Chloride	0.02	0.9	0.02	0.00092 U	0.0011 UJ	0.0011 U	0.00099 U	0.001 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-B2-1_18-20_20250519	SRI-B2-2_3-5_20250520	SRI-B2-2_8-10_20250520	SRI-B2-2_13-15_20250520	SRI-B2-3_3-5_20250519
				Laboratory Sample ID	460-326644-35	460-326580-5	460-326580-6	460-326580-7	460-326644-38
				Date Sampled	5/19/2025	5/20/2025	5/20/2025	5/20/2025	5/19/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0014 U	0.0011 U	0.0011 U	0.0017 UJ	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0014 U	0.0011 UJ	0.0011 UJ	0.0017 U	0.0011 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0014 U	0.0011 U	0.0011 UJ	0.0017 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0014 UJ	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0014 UJ	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
2-Hexanone	NS	NS	NS		0.0069 U	0.0053 U	0.0056 U	0.0086 U	0.0057 U
Acetone	**0.05**	100	0.05		0.016	0.016	0.0067 U	0.019	0.018
Acrolein	NS	NS	NS		0.14 U	0.11 U	0.11 U	0.17 U	0.11 U
Acrylonitrile	NS	NS	NS		0.014 U	0.011 U	0.011 U	0.017 U	0.011 U
Benzene	0.06	4.8	0.06		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Bromoform	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Bromomethane	NS	NS	NS		0.0028 U	0.0021 U	0.0022 U	0.0034 U	0.0023 U
Carbon Disulfide	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0014 U	0.0011 UJ	0.0011 UJ	0.0017 UJ	0.0011 UJ
Chlorobenzene	1.1	100	1.1		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Chloroethane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Chloroform	0.37	49	0.37		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Chloromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Cyclohexane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Ethylbenzene	**1**	41	1		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.0014 U	0.00065 J	0.0011	0.0017 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.0069 U	0.0053 U	0.0056 U	0.0086 U	0.0057 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0069 U	0.0036 J	0.0056 U	0.0086 U	0.0057 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0069 U	0.0053 U	0.0056 U	0.0086 U	0.0057 U
Methylcyclohexane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Methylene Chloride	0.05	100	0.05		0.0028 U	0.0021 U	0.0022 U	0.0034 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0014 U	0.0011 U	0.00056 J	0.0017 U	0.0011 U
Styrene	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Tert-Butyl Alcohol	NS	NS	NS		0.014 U	0.017	0.017	0.058	0.047
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0014 U	0.00058 JK	0.0011 U	0.0017 U	0.0011 U
Toluene	0.7	100	0.7		0.0014 U	0.00025 J	0.0018	0.0017 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.0014 U	0.0011 U	0.0011 U	0.0017 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02		0.0014 U	0.0011 U	0.0011 U	0.0017 UJ	0.0011 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-B2-3_8-10_20250519	SRI-B2-3_13-15_20250519	SRI-B2-3_17-19_20250519	SRI-B2-3_22-24_20250520	SRI-B2-4_3-5_20250519
			Laboratory Sample ID	460-326644-40	460-326644-39	460-326644-41	460-326580-16	460-326644-42
			Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/20/2025	5/19/2025
			Dilution Factor	1	50	50	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 UJ	0.14 U	0.099 U	0.0013 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 UJ	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
2-Hexanone	NS	NS	NS	0.0058 U	0.71 U	0.49 U	0.0063 U	0.0058 U
Acetone	**0.05**	100	0.05	**0.21**	0.71 U	0.49 U	**0.071**	**0.2**
Acrolein	NS	NS	NS	0.12 U	0.71 U	0.49 U	0.13 U	0.12 U
Acrylonitrile	NS	NS	NS	0.012 U	1.4 U	0.99 U	0.013 U	0.012 U
Benzene	0.06	4.8	0.06	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Bromoform	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Bromomethane	NS	NS	NS	0.0023 U	0.14 U	0.099 U	0.0025 U	0.0023 U
Carbon Disulfide	NS	NS	NS	0.0012 U	0.14 U	0.099 UJ	0.00082 J	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 UJ	0.14 U	0.099 U	0.0013 U	0.0012 U
Chlorobenzene	1.1	100	1.1	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Chloroethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Chloroform	0.37	49	0.37	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Chloromethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Cyclohexane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Ethylbenzene	**1**	41	1	0.0012 U	0.14 U	0.099 U	0.0034	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0012 U	0.69	0.099 U	0.0047	0.0012 U
M,P-Xylenes	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0021	0.0012 U
Methyl Acetate	NS	NS	NS	0.0058 U	0.71 U	0.15 J	0.0063 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0058 U	0.71 U	0.49 U	0.013	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0058 U	0.71 U	0.49 U	0.0063 U	0.0058 U
Methylcyclohexane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.0023 U	0.14 U	0.099 U	0.0025 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.00058 J	0.0012 U
Styrene	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS	0.21	1.4 U	0.99 U	0.057	0.045
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Toluene	0.7	100	0.7	0.0012 U	0.14 U	0.099 U	0.00093 J	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 UJ
Trichloroethylene (TCE)	0.47	21	0.47	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.14 U	0.099 U	0.0013 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.0012 UJ	0.14 U	0.099 U	0.0013 U	0.0012 UJ

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-B2-4_7-9_20250519	SRI-B2-4_13-15_20250519	SRI-B3-1_3-5_20250521	SRI-X-6_3-5_20250521	SRI-B3-1_5-7_20250521
			Laboratory Sample ID	460-326644-43	460-326644-44	460-326694-20	460-326694-19	460-326694-21
			Date Sampled	5/19/2025	5/19/2025	5/21/2025	5/21/2025	5/21/2025
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0012 U	0.0024 UJ	0.0014 UJ	0.0015 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,2-Dichloropropane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	2.4	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	1.8	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
2-Hexanone	NS	NS	NS	0.0055 U	0.0058 U	0.012 U	0.0069 U	0.0074 U
Acetone	**0.05**	100	0.05	0.032	**0.16**	**0.065**	0.024	0.043
Acrolein	NS	NS	NS	0.11 U	0.12 U	0.24 U	0.14 U	0.15 U
Acrylonitrile	NS	NS	NS	0.011 U	0.012 U	0.024 U	0.014 U	0.015 U
Benzene	0.06	4.8	0.06	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Bromochloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Bromodichloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Bromoform	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Bromomethane	NS	NS	NS	0.0022 U	0.0023 U	0.0047 U	0.0028 U	0.0029 U
Carbon Disulfide	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Chlorobenzene	1.1	100	1.1	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Chloroethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Chloroform	0.37	49	0.37	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Chloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Cyclohexane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Dibromochloromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Dichlorodifluoromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Ethylbenzene	**1**	41	1	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
M,P-Xylenes	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Methyl Acetate	NS	NS	NS	0.0055 U	0.0058 U	0.012 U	0.0069 U	0.0074 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.0055 U	0.0058 U	0.012 U	0.0069 U	0.0074 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0055 U	0.0058 U	0.012 U	0.0069 U	0.0074 U
Methylcyclohexane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Methylene Chloride	0.05	100	0.05	0.0022 U	0.0023 U	0.0047 U	0.0028 U	0.0029 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Styrene	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Tert-Butyl Alcohol	NS	NS	NS	0.022	0.038	0.18	0.061	0.12
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Toluene	0.7	100	0.7	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011 UJ	0.0012 UJ	0.0024 U	0.0014 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Trichlorofluoromethane	NS	NS	NS	0.0011 U	0.0012 U	0.0024 U	0.0014 U	0.0015 U
Vinyl Chloride	0.02	0.9	0.02	0.0011 UJ	0.0012 UJ	0.0024 U	0.0014 U	0.0015 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-B3-2A_16-18_20250521	SRI-B3-2B_8-10_20250521	SRI-B3-2B_12-14_20250521	SRI-B3-2C_3-5_20250521	SRI-B3-3_8-10_20250521
				Laboratory Sample ID	460-326694-15	460-326694-13	460-326694-14	460-326694-27	460-326694-16
				Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0013 U	0.001 UJ	0.0011 U	0.0012 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,1-Dichloroethane	0.27	26	0.27		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,1-Dichloroethene	0.33	100	0.33		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0013 U	0.001 UJ	0.0011 UJ	0.0012 UJ	0.0014 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0013 U	0.001 UJ	0.0011 UJ	0.0012 UJ	0.0014 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0013 UJ	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,2-Dichloropropane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
2-Hexanone	NS	NS	NS		0.0064 U	0.0051 U	0.0053 U	0.0058 U	0.0071 U
Acetone	**0.05**	100	0.05		0.011	0.016	0.027	0.0093	0.03
Acrolein	NS	NS	NS		0.13 U	0.1 U	0.11 U	0.12 U	0.14 U
Acrylonitrile	NS	NS	NS		0.013 U	0.01 U	0.011 U	0.012 U	0.014 U
Benzene	0.06	4.8	0.06		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Bromochloromethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Bromodichloromethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Bromoform	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Bromomethane	NS	NS	NS		0.0026 U	0.002 U	0.0021 U	0.0023 U	0.0028 U
Carbon Disulfide	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Chlorobenzene	1.1	100	1.1		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Chloroethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Chloroform	0.37	49	0.37		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Chloromethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Cyclohexane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Dibromochloromethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Dichlorodifluoromethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Ethylbenzene	**1**	41	1		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
M,P-Xylenes	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Methyl Acetate	NS	NS	NS		0.0064 U	0.0051 U	0.0053 U	0.0058 U	0.0071 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0064 U	0.0051 U	0.0053 U	0.0058 U	0.0071 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0064 U	0.0051 U	0.0053 U	0.0058 U	0.0071 U
Methylcyclohexane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Methylene Chloride	0.05	100	0.05		0.0026 U	0.002 U	0.0021 U	0.0023 U	0.0028 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Styrene	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Tert-Butyl Alcohol	NS	NS	NS		0.022	0.067	0.092	0.019	0.088
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Toluene	0.7	100	0.7		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Trichlorofluoromethane	NS	NS	NS		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U
Vinyl Chloride	0.02	0.9	0.02		0.0013 U	0.001 U	0.0011 U	0.0012 U	0.0014 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-B3-3_13-15_20250521	SRI-B3-3_18-20_20250521	SRI-B3-3B_3-5_20250521	SRI-B3-4_3-5_20250521	SRI-B3-4_6-8_20250521
				Laboratory Sample ID	460-326694-17	460-326694-18	460-326694-28	460-326694-9	460-326694-10
				Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.001 U	0.001 U	0.0011 UJ	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.001 UJ	0.001 UJ	0.0011 UJ	0.0011 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	2.4		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	1.8		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	NS		0.005 U	0.005 U	0.0057 U	0.0055 U	0.0058 U
Acetone	**0.05**	100	0.05		0.019	0.02	0.012	0.013	0.007 U
Acrolein	NS	NS	NS		0.1 U	0.1 U	0.11 U	0.11 U	0.12 U
Acrylonitrile	NS	NS	NS		0.01 U	0.01 U	0.011 U	0.011 U	0.012 U
Benzene	0.06	4.8	0.06		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Bromochloromethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Bromoform	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	NS		0.002 U	0.002 U	0.0023 U	0.0022 U	0.0023 U
Carbon Disulfide	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Chlorobenzene	1.1	100	1.1		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.37		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Ethylbenzene	**1**	41	1		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	NS		0.005 U	0.005 U	0.0057 U	0.0055 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.005 U	0.005 U	0.0057 U	0.0055 U	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.005 U	0.005 U	0.0057 U	0.0055 U	0.0058 U
Methylcyclohexane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Methylene Chloride	0.05	100	0.05		0.002 U	0.002 U	0.0023 U	0.0022 U	0.0023 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Styrene	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Tert-Butyl Alcohol	NS	NS	NS		0.045	0.053	0.025	0.047	0.016
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Toluene	0.7	100	0.7		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	NS		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02		0.001 U	0.001 U	0.0011 U	0.0011 U	0.0012 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-B3-4_13-15_20250521	SRI-B3-4_16-18_20250521	SRI-B4-1A_3-5_20250521	SRI-B4-1A_8-10_20250521	SRI-B4-1A_13-15_20250521
				Laboratory Sample ID	460-326694-11	460-326694-12	460-326694-24	460-326694-25	460-326694-26
				Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
				Dilution Factor	50	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,1,2-Trichloroethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,1-Dichloroethane	0.27	26	0.27		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,1-Dichloroethene	0.33	100	0.33		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.084 U	0.00096 U	0.0012 UJ	0.0012 UJ	0.00098 UJ
1,2,4-Trichlorobenzene	NS	NS	NS		0.084 U	0.00096 U	0.0012 UJ	0.0012 UJ	0.00098 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,2-Dichlorobenzene	1.1	100	1.1		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,2-Dichloroethane	0.02	3.1	0.02		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,2-Dichloropropane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,3-Dichlorobenzene	2.4	49	2.4		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
1,4-Dichlorobenzene	1.8	13	1.8		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
2-Hexanone	NS	NS	NS		0.42 U	0.0048 U	0.0059 U	0.006 U	0.0049 U
Acetone	**0.05**	100	0.05		0.42 U	0.022	0.0086	0.02	0.0059 U
Acrolein	NS	NS	NS		0.42 U	0.096 U	0.12 U	0.12 U	0.098 U
Acrylonitrile	NS	NS	NS		0.84 U	0.0096 U	0.012 U	0.012 U	0.0098 U
Benzene	0.06	4.8	0.06		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Bromochloromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Bromodichloromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Bromoform	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Bromomethane	NS	NS	NS		0.084 U	0.0019 U	0.0024 U	0.0024 U	0.002 U
Carbon Disulfide	NS	NS	NS		0.084 U	0.0011	0.0012 U	0.0012 U	0.00098 U
Carbon Tetrachloride	0.76	2.4	0.76		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Chlorobenzene	1.1	100	1.1		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Chloroethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Chloroform	0.37	49	0.37		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Chloromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Cyclohexane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Dibromochloromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Dichlorodifluoromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Ethylbenzene	**1**	41	1		0.31	0.032	0.0012 U	0.0012 U	0.00098 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.55	0.054	0.0012 U	0.0012 U	0.00098 U
M,P-Xylenes	NS	NS	NS		1.3	0.15	0.0012 U	0.0012 U	0.00098 U
Methyl Acetate	NS	NS	NS		0.42 U	0.0048 U	0.0059 U	0.006 U	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.42 U	0.0051	0.0059 U	0.006 U	0.0049 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.42 U	0.0048 U	0.0059 U	0.006 U	0.0049 U
Methylcyclohexane	NS	NS	NS		0.084 U	0.038	0.0012 U	0.0012 U	0.00098 U
Methylene Chloride	0.05	100	0.05		0.084 U	0.0019 U	0.0024 U	0.0024 U	0.002 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.35	0.048	0.0012 U	0.0012 U	0.00098 U
Styrene	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Tert-Butyl Alcohol	NS	NS	NS		0.84 U	0.024	0.024	0.034	0.0081 J
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Toluene	0.7	100	0.7		0.084 U	0.00034 J	0.0012 U	0.0012 U	0.00025 J
Trans-1,2-Dichloroethene	0.19	100	0.19		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Trichloroethylene (TCE)	0.47	21	0.47		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Trichlorofluoromethane	NS	NS	NS		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U
Vinyl Chloride	0.02	0.9	0.02		0.084 U	0.00096 U	0.0012 U	0.0012 U	0.00098 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-B4-1B_3-5_20250522	SRI-B4-1B_8-10_20250522	SRI-B4-1B_10-12_20250522	SRI-B4-1B_15-17_20250522	SRI-B4-2A_3-5_20250522
				Laboratory Sample ID	460-326756-4	460-326756-5	460-326756-6	460-326756-7	460-326756-8
				Date Sampled	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,1,2-Trichloroethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,1-Dichloroethane	0.27	26	0.27		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,1-Dichloroethene	0.33	100	0.33		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,2-Dichlorobenzene	1.1	100	1.1		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,2-Dichloroethane	0.02	3.1	0.02		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,2-Dichloropropane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,3-Dichlorobenzene	2.4	49	2.4		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
1,4-Dichlorobenzene	1.8	13	1.8		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
2-Hexanone	NS	NS	NS		0.0044 U	0.0086 U	0.0057 U	0.0072 U	0.0049 U
Acetone	**0.05**	100	0.05		0.0089	0.01 U	0.0068 U	0.0087 U	0.039
Acrolein	NS	NS	NS		0.087 U	0.17 U	0.11 U	0.14 U	0.098 U
Acrylonitrile	NS	NS	NS		0.0087 U	0.017 U	0.011 U	0.014 U	0.0098 U
Benzene	0.06	4.8	0.06		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Bromochloromethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Bromodichloromethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Bromoform	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Bromomethane	NS	NS	NS		0.0017 U	0.0034 U	0.0023 U	0.0029 U	0.002 U
Carbon Disulfide	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Carbon Tetrachloride	0.76	2.4	0.76		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Chlorobenzene	1.1	100	1.1		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Chloroethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Chloroform	0.37	49	0.37		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Chloromethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Cyclohexane	NS	NS	NS		0.0049	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Dibromochloromethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Dichlorodifluoromethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Ethylbenzene	**1**	41	1		0.0031	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.00082 J	0.0017 U	0.0011 U	0.0014 U	0.00098 U
M,P-Xylenes	NS	NS	NS		0.0077	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Methyl Acetate	NS	NS	NS		0.0044 U	0.0086 U	0.0057 U	0.0072 U	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0044 U	0.0086 U	0.0057 U	0.0072 U	0.0049 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0044 U	0.0086 U	0.0057 U	0.0072 U	0.0049 U
Methylcyclohexane	NS	NS	NS		0.024	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Methylene Chloride	0.05	100	0.05		0.0017 U	0.0034 U	0.0023 U	0.0029 U	0.002 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0008 J	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Styrene	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Tert-Butyl Alcohol	NS	NS	NS		0.0087 U	0.017 U	0.011 U	0.014 U	0.013
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00036 J
Toluene	0.7	100	0.7		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Trichloroethylene (TCE)	0.47	21	0.47		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Trichlorofluoromethane	NS	NS	NS		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U
Vinyl Chloride	0.02	0.9	0.02		0.00087 U	0.0017 U	0.0011 U	0.0014 U	0.00098 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-B4-2A_8-10_20250522	SRI-B4-2A_11-13_20250522	SRI-B4-2B_18-20_20250522	SRI-B4-3_3-5_20250522	SRI-B4-3_8-10_20250522
				Laboratory Sample ID	460-326756-9	460-326756-10	460-326756-13	460-326756-22	460-326756-23
				Date Sampled	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
				Dilution Factor	1	1	50	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.27		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.33		0.0011 U	0.0013 U	0.11 UJ	0.0011 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,2-Dichloropropane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
2-Hexanone	NS	NS	NS		0.0057 U	0.0065 U	0.57 U	0.0056 U	0.0074 U
Acetone	**0.05**	100	0.05		0.0069 U	0.039	0.57 U	0.0067 U	0.0089 U
Acrolein	NS	NS	NS		0.11 U	0.13 U	0.57 U	0.11 U	0.15 U
Acrylonitrile	NS	NS	NS		0.011 U	0.013 U	1.1 U	0.011 U	0.015 U
Benzene	0.06	4.8	0.06		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Bromochloromethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Bromodichloromethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Bromoform	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Bromomethane	NS	NS	NS		0.0023 U	0.0026 U	0.11 U	0.0022 U	0.003 U
Carbon Disulfide	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Chlorobenzene	1.1	100	1.1		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Chloroethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Chloroform	0.37	49	0.37		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Chloromethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Cyclohexane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Dibromochloromethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Dichlorodifluoromethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Ethylbenzene	**1**	41	1		0.0011 U	0.0013 U	0.14	0.0011 U	0.0015 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0011 U	0.0013 U	0.21	0.0011 U	0.0015 U
M,P-Xylenes	NS	NS	NS		0.00051 J	0.0013 U	0.11 U	0.0011 U	0.0015 U
Methyl Acetate	NS	NS	NS		0.0057 U	0.0065 U	0.57 U	0.0056 U	0.0074 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0057 U	0.0065 U	0.57 U	0.0056 U	0.0074 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0057 U	0.0065 U	0.57 U	0.0056 U	0.0074 U
Methylcyclohexane	NS	NS	NS		0.0011 U	0.0013 U	7	0.0011 U	0.0015 U
Methylene Chloride	0.05	100	0.05		0.0023 U	0.0026 U	0.11 U	0.0031	0.003 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Styrene	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Tert-Butyl Alcohol	NS	NS	NS		0.011 U	0.017	1.1 U	0.011 U	0.015 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0011 U	0.0013 U	0.11 U	0.00034 J	0.0015 U
Toluene	0.7	100	0.7		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Trichlorofluoromethane	NS	NS	NS		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U
Vinyl Chloride	0.02	0.9	0.02		0.0011 U	0.0013 U	0.11 U	0.0011 U	0.0015 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

			AKRF Sample ID	SRI-B4-3_13-15_20250522	SRI-B4-3_15-17_20250522	SRI-B4-4_3-5_20250522	SRI-B4-4_8-10_20250522	SRI-B4-4_13-15_20250522
			Laboratory Sample ID	460-326756-24	460-326756-25	460-326756-1	460-326756-2	460-326756-3
			Date Sampled	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
			Dilution Factor	50	50	1	1	100
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,1,2-Trichloroethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,1-Dichloroethane	0.27	26	0.27	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,1-Dichloroethene	0.33	100	0.33	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,2-Dichlorobenzene	1.1	100	1.1	0.078 U	0.11 U	0.0011 U	0.0013 U	0.067 J
1,2-Dichloroethane	0.02	3.1	0.02	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,2-Dichloropropane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,3-Dichlorobenzene	2.4	49	2.4	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
1,4-Dichlorobenzene	1.8	13	1.8	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
2-Hexanone	NS	NS	NS	0.39 U	0.55 U	0.0056 U	0.0065 U	0.89 U
Acetone	**0.05**	100	0.05	0.39 U	0.55 U	0.0078	0.046	0.89 U
Acrolein	NS	NS	NS	0.39 U	0.55 U	0.11 U	0.13 U	0.89 U
Acrylonitrile	NS	NS	NS	0.78 U	1.1 U	0.011 UJ	0.013 UJ	1.8 U
Benzene	0.06	4.8	0.06	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Bromochloromethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Bromodichloromethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Bromoform	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Bromomethane	NS	NS	NS	0.078 U	0.11 U	0.0022 U	0.0026 U	0.18 U
Carbon Disulfide	NS	NS	NS	0.078 UJ	0.11 UJ	0.0011 U	0.0013 U	0.18 UJ
Carbon Tetrachloride	0.76	2.4	0.76	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Chlorobenzene	1.1	100	1.1	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Chloroethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Chloroform	0.37	49	0.37	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Chloromethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Cyclohexane	NS	NS	NS	0.078 U	0.11 U	0.00026 J	0.0013 U	2.6
Dibromochloromethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Dichlorodifluoromethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Ethylbenzene	**1**	41	1	0.073 J	0.065 J	0.0011 U	0.0013 U	**9.8**
Isopropylbenzene (Cumene)	NS	NS	NS	2.1	0.61	0.0011 U	0.0013 U	3.6
M,P-Xylenes	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	25
Methyl Acetate	NS	NS	NS	0.39 U	0.55 U	0.0056 U	0.0065 U	0.89 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.39 U	0.55 U	0.0056 U	0.0065 U	0.89 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.39 U	0.55 U	0.0056 U	0.0065 U	0.89 U
Methylcyclohexane	NS	NS	NS	13	1.1	0.00091 J	0.0011 J	30
Methylene Chloride	0.05	100	0.05	0.078 U	0.11 U	0.0019 J	0.0026 U	0.18 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.46
Styrene	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Tert-Butyl Alcohol	NS	NS	NS	0.78 U	1.1 U	0.011 U	0.023	1.8 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Toluene	0.7	100	0.7	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 UJ
Trans-1,3-Dichloropropene	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Trichloroethylene (TCE)	0.47	21	0.47	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 UJ
Trichlorofluoromethane	NS	NS	NS	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U
Vinyl Chloride	0.02	0.9	0.02	0.078 U	0.11 U	0.0011 U	0.0013 U	0.18 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-B4-4_15-17_20250522	SRI-FB-2-20250519	SRI-FB-3_20250520	SRI-FB-4_20250520	SRI-FB-5_20250521
				Laboratory Sample ID	460-326756-17	460-327318-11	460-326580-4	460-326580-24	460-326694-7
				Date Sampled	5/22/2025	5/19/2025	5/20/2025	5/20/2025	5/21/2025
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0012 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0012 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	NS		0.0012 U	0.58 U	0.58 U	0.58 U	0.58 U
1,1-Dichloroethane	0.27	26	0.27		0.0012 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33		0.0012 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0012 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0012 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-Dichloropropane	NS	NS	NS		0.0012 U	0.92 U	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0012 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1.8		0.0012 U	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	NS		0.006 U	5 U	5 U	5 U	5 U
Acetone	**0.05**	100	0.05		**0.064**	5 U	5 U	5 U	5 U
Acrolein	NS	NS	NS		0.12 U	4 U	4 U	4 U	4 UJ
Acrylonitrile	NS	NS	NS		0.012 U	5 U	2 U	2 U	2 U
Benzene	0.06	4.8	0.06		0.0012 U	0.45 U	0.45 U	0.45 U	0.45 U
Bromochloromethane	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	NS		0.0012 U	0.98 U	0.98 U	0.98 U	0.98 U
Bromoform	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Bromomethane	NS	NS	NS		0.0024 U	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0012 U	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	100	1.1		0.0012 U	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Chloroform	0.37	49	0.37		0.0012 U	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0012 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0012 U	0.45 U	0.45 U	0.45 U	0.45 U
Cyclohexane	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	NS		0.0012 U	0.78 U	0.78 U	0.78 U	0.78 U
Dichlorodifluoromethane	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Ethylbenzene	**1**	41	1		0.0041	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0016	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	NS		0.018	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	NS		0.006 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0072	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.006 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	NS		0.11	1 U	1 U	1 U	1 U
Methylene Chloride	0.05	100	0.05		0.0021 J	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Styrene	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	NS	NS	NS		0.018	10 U	10 U	10 U	10 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		0.0012 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0012 U	0.4 U	0.4 U	0.4 U	0.4 U
Toluene	0.7	100	0.7		0.0012 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0012 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0012 U	0.45 U	0.45 U	0.45 U	0.45 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0012 U	0.28 U	0.28 U	0.28 U	0.28 U
Trichlorofluoromethane	NS	NS	NS		0.0012 U	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02		0.0012 U	1 U	1 U	1 U	1 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-FB-6_20250521	SRI-FB-7_20250522	SRI-TB-3_20250520	SRI-TB-4_20250520	SRI-TB-5_20250521
				Laboratory Sample ID	460-326694-8	460-326756-12	460-326580-25	460-326580-26	460-326694-22
				Date Sampled	5/21/2025	5/22/2025	5/20/2025	5/20/2025	5/21/2025
				Dilution Factor	1	1	1	1	1
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	NS		0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
1,1-Dichloroethane	0.27	26	0.27		1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33		1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-Dichloropropane	NS	NS	NS		0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	2.4	49	2.4		1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1.8		1 U	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	NS		5 U	5 U	5 U	5 U	5 U
Acetone	**0.05**	100	0.05		5 U	5 U	5 U	5 U	5 U
Acrolein	NS	NS	NS		4 UJ	4 U	4 U	4 U	4 UJ
Acrylonitrile	NS	NS	NS		2 U	5 U	2 U	2 U	2 U
Benzene	0.06	4.8	0.06		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Bromochloromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	NS		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Bromoform	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Bromomethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	NS		1 U	1 UJ	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76		1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Chloroform	0.37	49	0.37		1 U	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Cyclohexane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	NS		0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Dichlorodifluoromethane	NS	NS	NS		1 U	1 UJ	1 U	1 U	1 U
Ethylbenzene	**1**	41	1		1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	NS		5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Methylene Chloride	0.05	100	0.05		1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Styrene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Tert-Butyl Alcohol	NS	NS	NS		10 U	10 U	10 U	10 U	10 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Toluene	0.7	100	0.7		1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Trichloroethylene (TCE)	0.47	21	0.47		0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Trichlorofluoromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02		1 U	1 U	1 U	1 U	1 U

Table 5A
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of VOCs

				AKRF Sample ID	SRI-TB-6_20250521	SRI-TB-7_20250522	TRIP BLANK
				Laboratory Sample ID	460-326694-23	460-326756-11	460-327318-12
				Date Sampled	5/21/2025	5/22/2025	5/22/2025
				Dilution Factor	1	1	1
				Unit	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	NS		0.58 U	0.58 U	0.58 U
1,1-Dichloroethane	0.27	26	0.27		1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33		1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NS		1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	NS		1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		0.3 U	0.3 U	0.3 U
1,2-Dichloropropane	NS	NS	NS		0.92 U	0.92 U	0.92 U
1,3-Dichlorobenzene	2.4	49	2.4		1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1.8		1 U	1 U	1 U
2-Hexanone	NS	NS	NS		5 U	5 U	5 U
Acetone	**0.05**	100	0.05		5 U	5 U	5 U
Acrolein	NS	NS	NS		4 UJ	4 U	4 U
Acrylonitrile	NS	NS	NS		2 U	5 U	5 U
Benzene	0.06	4.8	0.06		0.45 U	0.45 U	0.45 U
Bromochloromethane	NS	NS	NS		1 U	1 U	1 U
Bromodichloromethane	NS	NS	NS		0.98 U	0.98 U	0.98 U
Bromoform	NS	NS	NS		1 U	1 U	1 U
Bromomethane	NS	NS	NS		1 U	1 U	1 U
Carbon Disulfide	NS	NS	NS		1 U	1 UJ	1 U
Carbon Tetrachloride	0.76	2.4	0.76		1 U	1 U	1 U
Chlorobenzene	1.1	100	1.1		1 U	1 U	1 U
Chloroethane	NS	NS	NS		1 U	1 U	1 U
Chloroform	0.37	49	0.37		1 U	1 U	1 U
Chloromethane	NS	NS	NS		1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.45 U	0.45 U	0.45 U
Cyclohexane	NS	NS	NS		1 U	1 U	1 U
Dibromochloromethane	NS	NS	NS		0.78 U	0.78 U	0.78 U
Dichlorodifluoromethane	NS	NS	NS		1 U	1 UJ	1 U
Ethylbenzene	**1**	41	1		1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NS		1 U	1 U	1 U
M,P-Xylenes	NS	NS	NS		1 U	1 U	1 U
Methyl Acetate	NS	NS	NS		5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		5 U	5 U	5 U
Methylcyclohexane	NS	NS	NS		1 U	1 U	1 U
Methylene Chloride	0.05	100	0.05		1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		1 U	1 U	1 U
Styrene	NS	NS	NS		1 U	1 U	1 U
Tert-Butyl Alcohol	NS	NS	NS		10 U	10 U	10 U
Tert-Butyl Methyl Ether (MTBE)	0.93	100	0.93		1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.4 U	0.4 U	0.4 U
Toluene	0.7	100	0.7		1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.45 U	0.45 U	0.45 U
Trichloroethylene (TCE)	0.47	21	0.47		0.28 U	0.28 U	0.28 U
Trichlorofluoromethane	NS	NS	NS		1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02		1 U	1 U	1 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A1-1_3-5_20250519	SRI-A1-1_8-10_20250519	SRI-A1-1_13-15_20250519	SRI-A1-2_3-5_20250519	SRI-A1-2_8-10_20250519	SRI-A1-2_13-15_20250519
		Laboratory Sample ID	460-326755-1	460-326755-2	460-326755-3	460-326755-4	460-326755-5	460-326755-6
		Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.31 U	0.3 U	0.3 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.074 U	0.077 U	0.075 U	0.074 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.074 U	0.077 U	0.075 U	0.074 U	0.073 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
2-Methylnaphthalene	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.016 J	0.031 J
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.31 U	0.3 U	0.3 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
4-Chloroaniline	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
4-Nitroaniline	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
4-Nitrophenol	NS	NS	0.74 U	0.74 U	0.77 U	0.75 U	0.74 U	0.73 U
Acenaphthene	20	100	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Acenaphthylene	100	100	0.053 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Acetophenone	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Anthracene	100	100	0.022 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.12	0.036 U	0.038 U	0.037	0.037 U	0.036 U
Benzo(a)Pyrene	**1**	1	0.17	0.036 U	0.038 U	0.044	0.016 J	0.024 J
Benzo(b)Fluoranthene	**1**	1	0.31	0.036 U	0.038 U	0.054	0.013 J	0.053 J
Benzo(g,h,i)Perylene	100	100	0.2 J	0.36 U	0.38 U	0.031 J	0.03 J	0.033 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.11	0.036 U	0.038 U	0.02 J	0.037 U	0.02 J
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Caprolactam	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Carbazole	NS	NS	0.033 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Chrysene	**1**	3.9	0.22 J	0.36 U	0.38 U	0.034 J	0.37 U	0.027 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.039	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U
Dibenzofuran	7	59	0.013 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Fluoranthene	100	100	0.4	0.36 U	0.38 U	0.056 J	0.37 U	0.016 J
Fluorene	30	100	0.011 J	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	0.074 U	0.074 U	0.077 U	0.075 U	0.074 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.2	0.036 U	0.038 U	0.028 J	0.031 J	0.041 J
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	100	0.008 J	0.36 U	0.38 U	0.37 U	0.013 J	0.02 J
Nitrobenzene	NS	NS	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.038 U	0.037 U	0.037 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	0.31 U	0.3 U	0.3 U	0.29 U
Phenanthrene	100	100	0.28 J	0.36 U	0.38 U	0.019 J	0.37 U	0.36 U
Phenol	0.33	100	0.36 U	0.36 U	0.38 U	0.37 U	0.37 U	0.36 U
Pyrene	100	100	0.33 J	0.36 U	0.38 U	0.051 J	0.011 J	0.024 J

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A1-3_3-5_20250519	SRI-A1-3_7-9_20250519	SRI-A1-4_3-5_20250519	SRI-A2-1_3-5_20250520	SRI-A2-1_8-10_20250520	SRI-A2-1_13-15_20250520
		Laboratory Sample ID	460-326755-7	460-326755-8	460-326755-11	460-327049-11	460-327049-12	460-327049-13
		Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.039 U	0.036 U	0.036 UJ	0.036 U	0.036 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.16 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.39 U	0.36 U	0.36 UJ	0.36 UJ	0.36 UJ	0.37 UJ
2,4-Dinitrophenol	NS	NS	0.31 U	0.29 U	0.29 UJ	0.29 U	0.29 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.079 U	0.073 U	0.073 U	0.072 U	0.072 U	0.076 U
2,6-Dinitrotoluene	NS	NS	0.079 U	0.073 U	0.073 U	0.072 U	0.072 U	0.076 U
2-Chloronaphthalene	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
2-Chlorophenol	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
2-Methylnaphthalene	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.015 J	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
2-Nitroaniline	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
2-Nitrophenol	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.29 U	0.29 UJ	0.29 U	0.29 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Chloroaniline	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Nitroaniline	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Nitrophenol	NS	NS	0.79 U	0.73 U	0.73 U	0.72 U	0.72 U	0.76 U
Acenaphthene	20	100	0.018 J	0.36 U	0.36 U	0.36 U	0.06 J	0.37 U
Acenaphthylene	100	100	0.052 J	0.017 J	0.015 J	0.36 U	0.36 U	0.37 U
Acetophenone	NS	NS	0.39 U	0.36 U	0.36 UJ	0.36 U	0.36 U	0.37 U
Anthracene	100	100	0.056 J	0.36 U	0.014 J	0.022 J	0.092 J	0.37 U
Atrazine	NS	NS	0.16 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.39 UJ	0.36 UJ	0.36 UJ	0.36 UJ	0.36 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	0.26	0.076	0.091	0.11	0.22	0.037 U
Benzo(a)Pyrene	**1**	1	0.33	0.11	0.11	0.11	0.22	0.037 U
Benzo(b)Fluoranthene	**1**	1	0.41	0.16	0.15	0.15	0.28	0.037 U
Benzo(g,h,i)Perylene	100	100	0.28 J	0.11 J	0.1 J	0.079 J	0.12 J	0.37 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.15	0.052	0.054	0.058	0.11	0.037 U
Benzyl Butyl Phthalate	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 U	0.036 U	0.036 U	0.036 U	0.036 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.053 J	0.37 U
Caprolactam	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Carbazole	NS	NS	0.025 J	0.36 U	0.36 U	0.36 U	0.043 J	0.37 U
Chrysene	**1**	3.9	0.3 J	0.1 J	0.1 J	0.11 J	0.2 J	0.37 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.056	0.019 J	0.02 J	0.02 J	0.033 J	0.037 U
Dibenzofuran	7	59	0.39 U	0.36 U	0.36 U	0.36 U	0.027 J	0.37 U
Diethyl Phthalate	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Dimethyl Phthalate	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.029 J	0.36 U	0.016 J	0.019 J	0.36 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Fluoranthene	100	100	0.55	0.16 J	0.15 J	0.22 J	0.5	0.37 U
Fluorene	30	100	0.016 J	0.36 U	0.36 U	0.36 U	0.042 J	0.37 U
Hexachlorobenzene	0.33	1.2	0.039 U	0.036 U	0.036 U	0.036 U	0.036 U	0.037 U
Hexachlorobutadiene	NS	NS	0.079 U	0.073 U	0.073 U	0.072 U	0.072 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Hexachloroethane	NS	NS	0.039 U	0.036 U	0.036 UJ	0.036 U	0.036 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.24	0.093	0.086	0.077	0.12	0.037 U
Isophorone	NS	NS	0.16 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U
Naphthalene	12	100	0.02 J	0.011 J	0.0089 J	0.36 U	0.031 J	0.37 U
Nitrobenzene	NS	NS	0.039 U	0.036 U	0.036 U	0.036 U	0.036 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.039 U	0.036 U	0.036 U	0.036 U	0.036 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Pentachlorophenol	0.8	6.7	0.31 U	0.29 U	0.29 U	0.29 U	0.29 U	0.3 U
Phenanthrene	100	100	0.28 J	0.059 J	0.064 J	0.1 J	0.38	0.37 U
Phenol	0.33	100	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U
Pyrene	100	100	0.51	0.14 J	0.16 J	0.18 J	0.36	0.37 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-X-3_13-15_20250520	SRI-A2-2_3-5_20250520	SRI-A2-2_8-10_20250520	SRI-A2-2_13-15_20250520	SRI-A2-3_3-5_20250520	SRI-A2-3_8-10_20250520
		Laboratory Sample ID	460-327049-14	460-327049-8	460-327049-9	460-327049-10	460-327049-15	460-327049-16
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.036 U	0.036 U	0.035 U	0.037 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.36 UJ	0.36 UJ	0.36 UJ	0.35 UJ	0.37 UJ	0.36 UJ
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.29 U	0.28 U	0.29 UJ	0.29 U
2,4-Dinitrotoluene	NS	NS	0.072 U	0.072 U	0.072 U	0.071 U	0.074 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.072 U	0.072 U	0.071 U	0.074 U	0.073 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
2-Methylnaphthalene	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.29 U	0.28 U	0.29 UJ	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
4-Chloroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
4-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
4-Nitrophenol	NS	NS	0.72 U	0.72 U	0.72 U	0.71 U	0.74 U	0.73 U
Acenaphthene	20	100	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Acenaphthylene	100	100	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Acetophenone	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Anthracene	100	100	0.36 U	0.36 U	0.36 U	0.35 U	0.016 J	0.36 U
Atrazine	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	0.36 UJ	0.35 UJ	0.37 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.036 U	0.035 J	0.036 U	0.035 U	0.061	0.036 U
Benzo(a)Pyrene	**1**	1	0.018 J	0.036	0.036 U	0.035 U	0.056	0.036 U
Benzo(b)Fluoranthene	**1**	1	0.024 J	0.047	0.036 U	0.035 U	0.071	0.036 U
Benzo(g,h,i)Perylene	100	100	0.013 J	0.027 J	0.36 U	0.35 U	0.029 JL	0.36 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.0093 J	0.017 J	0.036 U	0.035 U	0.028 J	0.036 U
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.036 U	0.035 U	0.037 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Caprolactam	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Carbazole	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Chrysene	**1**	3.9	0.36 U	0.035 J	0.36 U	0.35 U	0.056 J	0.36 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	0.036 U	0.036 U	0.035 U	0.037 U	0.036 U
Dibenzofuran	7	59	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Fluoranthene	100	100	0.029 J	0.067 J	0.36 U	0.35 U	0.13 J	0.36 U
Fluorene	30	100	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.036 U	0.036 U	0.035 U	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	0.072 U	0.072 U	0.072 U	0.071 U	0.074 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 UJ	0.36 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	0.036 U	0.035 U	0.037 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.036 U	0.025 J	0.036 U	0.035 U	0.03 J	0.036 U
Isophorone	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
Naphthalene	12	100	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Nitrobenzene	NS	NS	0.036 U	0.036 U	0.036 U	0.035 U	0.037 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.036 U	0.035 U	0.037 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	0.29 U	0.28 U	0.29 U	0.29 U
Phenanthrene	100	100	0.019 J	0.037 J	0.36 U	0.35 U	0.08 J	0.36 U
Phenol	0.33	100	0.36 U	0.36 U	0.36 U	0.35 U	0.37 U	0.36 U
Pyrene	100	100	0.025 J	0.056 J	0.36 U	0.35 U	0.099 J	0.36 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A2-3_10-12_20250520	SRI-A2-4_3-5_20250520	SRI-A2-4_8-10_20250520	SRI-A2-4_13-15_20250520	SRI-A3-1_3-5_20250520	SRI-A3-1_8-10_20250520
		Laboratory Sample ID	460-327049-17	460-327049-1	460-327049-2	460-327049-3	460-327049-29	460-327049-30
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.035 U	0.035 U	0.035 U	0.037 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 UJ	0.35 UJ	0.35 UJ	0.35 UJ	0.37 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.28 U	0.28 U	0.28 U	0.3 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.071 U	0.071 U	0.071 U	0.075 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.071 U	0.071 U	0.071 U	0.075 U	0.073 U
2-Chloronaphthalene	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
2-Chlorophenol	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
2-Methylnaphthalene	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
2-Nitroaniline	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
2-Nitrophenol	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.28 U	0.28 U	0.28 U	0.3 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
4-Chloroaniline	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
4-Nitroaniline	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
4-Nitrophenol	NS	NS	0.74 U	0.71 U	0.71 U	0.71 U	0.75 U	0.73 U
Acenaphthene	20	100	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Acenaphthylene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Acetophenone	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Anthracene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Atrazine	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	0.36 UJ	0.35 UJ	0.35 UJ	0.35 UJ	0.37 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.036 U	0.035 U	0.035 U	0.035 U	0.049	0.036 U
Benzo(a)Pyrene	**1**	1	0.036 U	0.035 U	0.035 U	0.035 U	0.048	0.036 U
Benzo(b)Fluoranthene	**1**	1	0.036 U	0.035 U	0.011 J	0.035 U	0.064	0.036 U
Benzo(g,h,i)Perylene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.034 J	0.36 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.036 U	0.035 U	0.035 U	0.035 U	0.023 J	0.036 U
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.035 U	0.035 U	0.035 U	0.037 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Caprolactam	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Carbazole	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Chrysene	**1**	3.9	0.36 U	0.35 U	0.35 U	0.35 U	0.051 J	0.36 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	0.035 U	0.035 U	0.035 U	0.023 J	0.036 U
Dibenzofuran	7	59	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Diethyl Phthalate	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Dimethyl Phthalate	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Fluoranthene	100	100	0.36 U	0.35 U	0.016 J	0.35 U	0.087 J	0.36 U
Fluorene	30	100	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.035 U	0.035 U	0.035 U	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	0.074 U	0.071 U	0.071 U	0.071 U	0.075 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Hexachloroethane	NS	NS	0.036 U	0.035 U	0.035 U	0.035 U	0.037 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.036 U	0.035 U	0.035 U	0.035 U	0.048	0.036 U
Isophorone	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
Naphthalene	12	100	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Nitrobenzene	NS	NS	0.036 U	0.035 U	0.035 U	0.035 U	0.037 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.035 U	0.035 U	0.035 U	0.037 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Pentachlorophenol	0.8	6.7	0.29 U	0.28 U	0.28 U	0.28 U	0.3 U	0.29 U
Phenanthrene	100	100	0.36 U	0.35 U	0.35 U	0.35 U	0.049 J	0.36 U
Phenol	0.33	100	0.36 U	0.35 U	0.35 U	0.35 U	0.37 U	0.36 U
Pyrene	100	100	0.36 U	0.35 U	0.015 J	0.35 U	0.078 J	0.36 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

			AKRF Sample ID	SRI-A3-1_13-15_20250520	SRI-A3-2_3-5_20250520	SRI-A3-2_3-5_20250520	SRI-A3-2_8-10_20250520	SRI-A3-2_13-15_20250520	SRI-A3-3_3-5_20250520
			Laboratory Sample ID	460-327049-31	460-327049-26	460-327049-26	460-327049-27	460-327049-28	460-327049-18
			Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
			Dilution Factor	1	1	2	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
1,4-Dioxane (P-Dioxane)	0.1	13		0.034 U	0.034 U	NR	0.037 U	0.037 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
2,4,5-Trichlorophenol	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
2,4,6-Trichlorophenol	NS	NS		0.14 U	0.14 U	NR	0.15 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS		0.14 U	0.14 U	NR	0.15 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 UJ
2,4-Dinitrophenol	NS	NS		0.27 U	0.28 U	NR	0.3 U	0.3 U	0.28 U
2,4-Dinitrotoluene	NS	NS		0.069 U	0.069 U	NR	0.075 U	0.076 U	0.071 U
2,6-Dinitrotoluene	NS	NS		0.069 U	0.069 U	NR	0.075 U	0.076 U	0.071 U
2-Chloronaphthalene	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
2-Chlorophenol	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
2-Methylnaphthalene	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
2-Methylphenol (O-Cresol)	0.33	100		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
2-Nitroaniline	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
2-Nitrophenol	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS		0.14 U	0.14 U	NR	0.15 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS		0.27 U	0.28 U	NR	0.3 U	0.3 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
4-Chloroaniline	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
4-Nitroaniline	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
4-Nitrophenol	NS	NS		0.69 U	0.69 U	NR	0.75 U	0.76 U	0.71 U
Acenaphthene	20	100		0.34 U	0.084 J	NR	0.37 U	0.37 U	0.35 U
Acenaphthylene	100	100		0.34 U	0.056 J	NR	0.37 U	0.37 U	0.35 U
Acetophenone	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Anthracene	100	100		0.34 U	0.49	NR	0.37 U	0.37 U	0.35 U
Atrazine	NS	NS		0.14 U	0.14 U	NR	0.15 U	0.15 U	0.14 U
Benzaldehyde	NS	NS		0.34 UJ	0.34 UJ	NR	0.37 UJ	0.37 UJ	0.35 UJ
Benzo(a)Anthracene	**1**	1		0.034 U	**4.4**	NR	0.037 U	0.037 U	0.035 U
Benzo(a)Pyrene	**1**	1		0.034 U	**4**	NR	0.037 U	0.037 U	0.014 J
Benzo(b)Fluoranthene	**1**	1		0.034 U	**4.5**	NR	0.037 U	0.037 U	0.017 J
Benzo(g,h,i)Perylene	100	100		0.34 U	2.2	NR	0.37 U	0.37 U	0.35 U
Benzo(k)Fluoranthene	**0.8**	3.9		0.034 U	**1.9**	NR	0.037 U	0.037 U	0.035 U
Benzyl Butyl Phthalate	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Biphenyl (Diphenyl)	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS		0.034 U	0.034 U	NR	0.037 U	0.037 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Caprolactam	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Carbazole	NS	NS		0.34 U	0.055 J	NR	0.37 U	0.37 U	0.35 U
Chrysene	**1**	3.9		0.34 U	**4.5**	NR	0.37 U	0.37 U	0.35 U
Dibenz(a,h)Anthracene	**0.33**	0.33		0.034 U	**0.57**	NR	0.037 U	0.037 U	0.035 U
Dibenzofuran	7	59		0.34 U	0.017 J	NR	0.37 U	0.37 U	0.35 U
Diethyl Phthalate	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Dimethyl Phthalate	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Di-N-Butyl Phthalate	NS	NS		0.014 J	0.34 U	NR	0.37 U	0.37 U	0.014 J
Di-N-Octylphthalate	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Fluoranthene	100	100		0.34 U	7.6	NR	0.37 U	0.37 U	0.02 J
Fluorene	30	100		0.34 U	0.068 J	NR	0.37 U	0.37 U	0.35 U
Hexachlorobenzene	0.33	1.2		0.034 U	0.034 U	NR	0.037 U	0.037 U	0.035 U
Hexachlorobutadiene	NS	NS		0.069 U	0.069 U	NR	0.075 U	0.076 U	0.071 U
Hexachlorocyclopentadiene	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Hexachloroethane	NS	NS		0.034 U	0.034 U	NR	0.037 U	0.037 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5		0.034 U	**2.3**	NR	0.037 U	0.037 U	0.035 U
Isophorone	NS	NS		0.14 U	0.14 U	NR	0.15 U	0.15 U	0.14 U
Naphthalene	12	100		0.34 U	0.013 J	NR	0.37 U	0.37 U	0.35 U
Nitrobenzene	NS	NS		0.034 U	0.034 U	NR	0.037 U	0.037 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS		0.034 U	0.034 U	NR	0.037 U	0.037 U	0.035 U
N-Nitrosodiphenylamine	NS	NS		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Pentachlorophenol	0.8	6.7		0.27 U	0.28 U	NR	0.3 U	0.3 U	0.28 U
Phenanthrene	100	100		0.34 U	2.9	NR	0.37 U	0.37 U	0.35 U
Phenol	0.33	100		0.34 U	0.34 U	NR	0.37 U	0.37 U	0.35 U
Pyrene	100	100		0.34 U	NR	6.3 D	0.37 U	0.37 U	0.02 J

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A3-3_5-7_20250520	SRI-X-4_5-7_20250520	SRI-A3-3_13-15_20250520	SRI-A3-4_3-5_20250520	SRI-A3-4_6-8_20250520	SRI-A3-4_13-15_20250520
		Laboratory Sample ID	460-327049-19	460-327049-21	460-327049-20	460-327049-23	460-327049-24	460-327049-25
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.38 UJ	0.37 UJ	0.35 U	0.35 UJ	0.37 U	0.35 U
2,4-Dinitrophenol	NS	NS	0.31 U	0.3 U	0.28 U	0.28 U	0.3 U	0.28 U
2,4-Dinitrotoluene	NS	NS	0.077 U	0.075 U	0.071 U	0.072 U	0.075 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.077 U	0.075 U	0.071 U	0.072 U	0.075 U	0.072 U
2-Chloronaphthalene	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
2-Chlorophenol	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
2-Methylnaphthalene	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
2-Nitroaniline	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
2-Nitrophenol	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.3 U	0.28 UJ	0.28 U	0.3 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
4-Chloroaniline	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
4-Nitroaniline	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
4-Nitrophenol	NS	NS	0.77 U	0.75 U	0.71 U	0.72 U	0.75 U	0.72 U
Acenaphthene	20	100	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Acenaphthylene	100	100	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Acetophenone	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Anthracene	100	100	0.38 U	0.37 U	0.35 U	0.35 U	0.022 J	0.35 U
Atrazine	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	0.38 UJ	0.37 UJ	0.35 UJ	0.35 UJ	0.37 UJ	0.35 UJ
Benzo(a)Anthracene	**1**	1	0.038 U	0.037 U	0.035 U	0.028 J	0.046	0.035 U
Benzo(a)Pyrene	**1**	1	0.038 U	0.037 U	0.035 U	0.023 J	0.043	0.035 U
Benzo(b)Fluoranthene	**1**	1	0.038 U	0.037 U	0.035 U	0.03 J	0.058	0.035 U
Benzo(g,h,i)Perylene	100	100	0.38 U	0.37 U	0.35 U	0.019 J	0.03 J	0.35 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.038 U	0.037 U	0.035 U	0.012 J	0.022 J	0.035 U
Benzyl Butyl Phthalate	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Caprolactam	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Carbazole	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Chrysene	**1**	3.9	0.38 U	0.37 U	0.35 U	0.022 J	0.053 J	0.35 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.038 U	0.037 U	0.035 U	0.035 U	0.023 J	0.035 U
Dibenzofuran	7	59	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Diethyl Phthalate	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Dimethyl Phthalate	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Fluoranthene	100	100	0.38 U	0.37 U	0.35 U	0.043 J	0.1 J	0.35 U
Fluorene	30	100	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Hexachlorobenzene	0.33	1.2	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U	0.035 U
Hexachlorobutadiene	NS	NS	0.077 U	0.075 U	0.071 U	0.072 U	0.075 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Hexachloroethane	NS	NS	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.038 U	0.037 U	0.035 U	0.016 J	0.043	0.035 U
Isophorone	NS	NS	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U
Naphthalene	12	100	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Nitrobenzene	NS	NS	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.037 U	0.035 U	0.035 U	0.037 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Pentachlorophenol	0.8	6.7	0.31 U	0.3 U	0.28 U	0.28 U	0.3 U	0.28 U
Phenanthrene	100	100	0.38 U	0.37 U	0.35 U	0.02 J	0.083 J	0.35 U
Phenol	0.33	100	0.38 U	0.37 U	0.35 U	0.35 U	0.37 U	0.35 U
Pyrene	100	100	0.38 U	0.37 U	0.35 U	0.034 J	0.088 J	0.35 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A4-1_3-5_20250520	SRI-A4-2_3-5_20250520	SRI-A4-3_3-5_20250521	SRI-X-5_3-5_20250521	SRI-A4-3_8-10_20250521	SRI-A4-3_10-12_20250521
		Laboratory Sample ID	460-327049-32	460-327049-34	460-326874-3	460-326874-6	460-326874-4	460-326874-5
		Date Sampled	5/20/2025	5/20/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
2,4,5-Trichlorophenol	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 R
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 R
2,4-Dimethylphenol	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 UJ	0.35 R
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.3 U	0.29 U	0.3 UJ	0.29 R
2,4-Dinitrotoluene	NS	NS	0.072 U	0.073 U	0.075 U	0.073 U	0.076 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.073 U	0.075 U	0.073 U	0.076 U	0.072 U
2-Chloronaphthalene	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
2-Chlorophenol	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
2-Methylnaphthalene	NS	NS	0.017 J	0.36 U	0.014 J	0.033 J	0.38 U	0.014 J
2-Methylphenol (O-Cresol)	0.33	100	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
2-Nitroaniline	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
2-Nitrophenol	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.3 U	0.29 U	0.3 UJ	0.29 R
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
4-Chloroaniline	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
4-Nitroaniline	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
4-Nitrophenol	NS	NS	0.72 U	0.73 U	0.75 U	0.73 U	0.76 U	0.72 R
Acenaphthene	20	100	0.35 U	0.36 U	0.018 J	0.073 J	0.38 U	0.35 U
Acenaphthylene	100	100	0.16 J	0.36 U	0.034 J	0.085 J	0.014 J	0.024 J
Acetophenone	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Anthracene	100	100	0.074 J	0.36 U	0.079 J	0.21 J	0.023 J	0.046 J
Atrazine	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	0.35 UJ	0.36 UJ	0.37 UJ	0.36 UJ	0.38 UJ	0.35 UJ
Benzo(a)Anthracene	**1**	1	0.32	0.036 U	0.41 JL	0.83 J	0.12	0.24
Benzo(a)Pyrene	**1**	1	0.44	0.021 J	0.44 JL	0.99 J	0.12	0.26
Benzo(b)Fluoranthene	**1**	1	0.6	0.026 J	0.53 JL	**1.6 J**	0.17	0.32
Benzo(g,h,i)Perylene	100	100	0.53	0.014 J	0.3 J	0.72 J	0.084 J	0.15 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.2	0.011 J	0.19 JL	0.58 J	0.059	0.12
Benzyl Butyl Phthalate	NS	NS	0.11 J	0.36 U	0.039 J	0.024 J	0.022 J	0.033 J
Biphenyl (Diphenyl)	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.35 U	0.36 U	0.024 J	0.06 J	0.38 U	0.35 U
Caprolactam	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Carbazole	NS	NS	0.054 J	0.36 U	0.02 J	0.13 J	0.38 U	0.017 J
Chrysene	**1**	3.9	0.4	0.023 J	0.46 JL	**1.1 J**	0.14 J	0.25 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.088	0.036 U	0.081 JL	0.18 J	0.023 J	0.043
Dibenzofuran	7	59	0.023 J	0.36 U	0.37 U	0.072 J	0.38 U	0.012 J
Diethyl Phthalate	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Dimethyl Phthalate	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	0.35 U	0.36 U	0.018 J	0.018 J	0.38 U	0.35 U
Di-N-Octylphthalate	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Fluoranthene	100	100	0.7	0.043 J	0.72 JL	2.2 J	0.24 J	0.45
Fluorene	30	100	0.036 J	0.36 U	0.022 J	0.075 J	0.38 U	0.019 J
Hexachlorobenzene	0.33	1.2	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
Hexachlorobutadiene	NS	NS	0.072 U	0.073 U	0.075 U	0.073 U	0.076 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Hexachloroethane	NS	NS	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.48	0.03 J	0.3 JL	**0.75 J**	0.081	0.16
Isophorone	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	100	0.049 J	0.36 U	0.023 J	0.059 J	0.0079 J	0.022 J
Nitrobenzene	NS	NS	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	0.036 U	0.037 U	0.036 U	0.038 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	0.3 U	0.29 U	0.3 U	0.29 R
Phenanthrene	100	100	0.37	0.026 J	0.46 JL	1.5 J	0.16 J	0.24 J
Phenol	0.33	100	0.35 U	0.36 U	0.37 U	0.36 U	0.38 U	0.35 R
Pyrene	100	100	0.57	0.035 J	0.75 JL	1.8 J	0.24 J	0.44

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-A4-4_3-5_20250521	SRI-A4-4_6-8_20250521	SRI-B1-1_3-5_20250519	SRI-B1-2_3-5_20250519	SRI-B1-2_5-7_20250519	SRI-B1-2_13-15_20250519
		Laboratory Sample ID	460-326874-1	460-326874-2	460-326755-17	460-326755-13	460-326755-14	460-326755-15
		Date Sampled	5/21/2025	5/21/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.038 U	0.037 U	0.038 U	0.036 U	0.035 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.31 U	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.077 U	0.076 U	0.076 U	0.074 U	0.071 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.077 U	0.076 U	0.076 U	0.074 U	0.071 U	0.075 U
2-Chloronaphthalene	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
2-Chlorophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
2-Methylnaphthalene	NS	NS	0.013 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
2-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
2-Nitrophenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
4-Chloroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
4-Nitroaniline	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
4-Nitrophenol	NS	NS	0.77 U	0.76 U	0.76 U	0.74 U	0.71 U	0.75 U
Acenaphthene	20	100	0.016 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Acenaphthylene	100	100	0.026 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Acetophenone	NS	NS	0.38 U	0.37 U	0.38 UJ	0.36 U	0.35 U	0.37 U
Anthracene	100	100	0.04 J	0.017 J	0.38 U	0.36 U	0.35 U	0.37 U
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.38 UJ	0.37 UJ	0.38 UJ	0.36 UJ	0.35 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	0.17	0.074	0.038 U	0.036 U	0.035 U	0.037 U
Benzo(a)Pyrene	**1**	1	0.2	0.074	0.038 U	0.036 U	0.015 J	0.037 U
Benzo(b)Fluoranthene	**1**	1	0.28	0.1	0.038 U	0.036 U	0.018 J	0.037 U
Benzo(g,h,i)Perylene	100	100	0.17 J	0.059 J	0.38 U	0.36 U	0.012 J	0.37 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.097	0.041	0.038 U	0.036 U	0.0074 J	0.037 U
Benzyl Butyl Phthalate	NS	NS	0.038 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.037 U	0.038 UJ	0.036 U	0.035 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.066 J	0.029 J	0.38 U	0.36 U	0.35 U	0.37 U
Caprolactam	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Carbazole	NS	NS	0.021 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Chrysene	**1**	3.9	0.19 J	0.074 J	0.38 U	0.36 U	0.016 J	0.37 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.042	0.037 U	0.038 U	0.036 U	0.035 U	0.037 U
Dibenzofuran	7	59	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Diethyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Dimethyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Fluoranthene	100	100	0.36 J	0.15 J	0.38 U	0.36 U	0.026 J	0.37 U
Fluorene	30	100	0.016 J	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Hexachlorobenzene	0.33	1.2	0.038 U	0.037 U	0.038 U	0.036 U	0.035 U	0.037 U
Hexachlorobutadiene	NS	NS	0.077 U	0.076 U	0.076 U	0.074 U	0.071 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Hexachloroethane	NS	NS	0.038 U	0.037 U	0.038 U	0.036 U	0.035 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.16	0.054	0.038 U	0.036 U	0.035 U	0.037 U
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U
Naphthalene	12	100	0.017 J	0.011 J	0.38 U	0.36 U	0.35 U	0.37 U
Nitrobenzene	NS	NS	0.038 U	0.037 U	0.038 UJ	0.036 U	0.035 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.037 U	0.038 UJ	0.036 U	0.035 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Pentachlorophenol	0.8	6.7	0.31 U	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U
Phenanthrene	100	100	0.22 J	0.09 J	0.38 U	0.36 U	0.021 J	0.37 U
Phenol	0.33	100	0.38 U	0.37 U	0.38 U	0.36 U	0.35 U	0.37 U
Pyrene	100	100	0.33 J	0.14 J	0.38 U	0.36 U	0.024 J	0.37 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-X-1_13-15_20250519	SRI-B1-3_3-5_20250519	SRI-B1-3_5-7_20250519	SRI-B1-3_13-15_20250519	SRI-B1-4_3-5_20250519	SRI-X-2_3-5_20250519
		Laboratory Sample ID	460-326755-12	460-326755-19	460-326755-20	460-326755-21	460-326755-22	460-326755-18
		Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.075 U	0.078 U	0.076 U	0.076 U	0.076 U	0.076 U
2,6-Dinitrotoluene	NS	NS	0.075 U	0.078 U	0.076 U	0.076 U	0.076 U	0.076 U
2-Chloronaphthalene	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
2-Chlorophenol	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
2-Methylnaphthalene	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.016 J	0.018 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
2-Nitroaniline	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
2-Nitrophenol	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
4-Chloroaniline	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
4-Nitroaniline	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
4-Nitrophenol	NS	NS	0.75 U	0.78 U	0.76 U	0.76 U	0.76 U	0.76 U
Acenaphthene	20	100	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Acenaphthylene	100	100	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Acetophenone	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Anthracene	100	100	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.015 J
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	0.037 U	0.038 U	0.037 U	0.037 U	0.047	0.068
Benzo(a)Pyrene	**1**	1	0.037 U	0.038 U	0.037 U	0.037 U	0.052	0.08
Benzo(b)Fluoranthene	**1**	1	0.037 U	0.038 U	0.037 U	0.037 U	0.076	0.11
Benzo(g,h,i)Perylene	100	100	0.37 U	0.38 U	0.37 U	0.37 U	0.042 J	0.054 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.037 U	0.038 U	0.037 U	0.037 U	0.026 J	0.04
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.02 J	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.025 J	0.37 U
Caprolactam	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Carbazole	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Chrysene	**1**	3.9	0.37 U	0.38 U	0.37 U	0.37 U	0.053 J	0.068 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.018 J
Dibenzofuran	7	59	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Diethyl Phthalate	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Dimethyl Phthalate	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.015 J	0.37 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Fluoranthene	100	100	0.37 U	0.38 U	0.37 U	0.37 U	0.081 J	0.12 J
Fluorene	30	100	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Hexachlorobenzene	0.33	1.2	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
Hexachlorobutadiene	NS	NS	0.075 U	0.078 U	0.076 U	0.076 U	0.076 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Hexachloroethane	NS	NS	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.037 U	0.038 U	0.037 U	0.037 U	0.04	0.058
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.37 U	0.38 U	0.37 U	0.37 U	0.013 J	0.016 J
Nitrobenzene	NS	NS	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Pentachlorophenol	0.8	6.7	0.3 U	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U
Phenanthrene	100	100	0.37 U	0.38 U	0.37 U	0.37 U	0.035 J	0.056 J
Phenol	0.33	100	0.37 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U
Pyrene	100	100	0.37 U	0.38 U	0.37 U	0.37 U	0.081 J	0.11 J

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B1-4_5-7_20250519	SRI-B1-4_13-15_20250519	SRI-B2-2_3-5_20250520	SRI-B2-2_8-10_20250520	SRI-B2-2_13-15_20250520	SRI-B3-1_3-5_20250521
		Laboratory Sample ID	460-326755-23	460-326755-24	460-327049-5	460-327049-6	460-327049-7	460-326874-15
		Date Sampled	5/19/2025	5/19/2025	5/20/2025	5/20/2025	5/20/2025	5/21/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.04 U	0.036 U	0.05 U	0.037 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.4 U	0.36 UJ	0.5 UJ	0.37 UJ	0.37 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.32 U	0.29 U	0.4 U	0.3 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.081 U	0.072 U	0.1 U	0.075 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.081 U	0.072 U	0.1 U	0.075 U	0.075 U
2-Chloronaphthalene	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
2-Chlorophenol	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
2-Methylnaphthalene	NS	NS	0.017 J	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
2-Nitroaniline	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
2-Nitrophenol	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.32 U	0.29 U	0.4 U	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
4-Chloroaniline	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
4-Nitroaniline	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
4-Nitrophenol	NS	NS	0.74 U	0.81 U	0.72 U	1 U	0.75 U	0.75 U
Acenaphthene	20	100	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Acenaphthylene	100	100	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Acetophenone	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Anthracene	100	100	0.37 U	0.4 U	0.011 J	0.5 U	0.37 U	0.37 U
Atrazine	NS	NS	0.15 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.37 UJ	0.4 UJ	0.36 UJ	0.5 UJ	0.37 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	0.059	0.04 U	0.054	0.05 U	0.037 U	0.037 U
Benzo(a)Pyrene	**1**	1	0.066	0.04 U	0.062	0.05 U	0.037 U	0.037 U
Benzo(b)Fluoranthene	**1**	1	0.072	0.04 U	0.089	0.014 J	0.037 U	0.037 U
Benzo(g,h,i)Perylene	100	100	0.045 J	0.4 U	0.042 J	0.033 J	0.37 U	0.37 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.027 J	0.04 U	0.034 J	0.05 U	0.037 U	0.037 U
Benzyl Butyl Phthalate	NS	NS	0.018 J	0.4 U	0.36 U	0.081 J	0.37 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.04 U	0.036 U	0.05 U	0.037 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.05 J	0.4 U	0.36 U	0.056 J	0.37 U	0.37 U
Caprolactam	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Carbazole	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Chrysene	**1**	3.9	0.062 J	0.4 U	0.058 J	0.5 U	0.37 U	0.37 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.037 U	0.04 U	0.036 U	0.05 U	0.037 U	0.037 U
Dibenzofuran	7	59	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Diethyl Phthalate	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Dimethyl Phthalate	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Fluoranthene	100	100	0.074 J	0.4 U	0.12 J	0.5 U	0.37 U	0.37 U
Fluorene	30	100	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Hexachlorobenzene	0.33	1.2	0.037 U	0.04 U	0.036 U	0.05 U	0.037 U	0.037 U
Hexachlorobutadiene	NS	NS	0.074 U	0.081 U	0.072 U	0.1 U	0.075 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Hexachloroethane	NS	NS	0.037 U	0.04 U	0.036 U	0.05 U	0.037 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.041	0.04 U	0.04	0.05 U	0.037 U	0.037 U
Isophorone	NS	NS	0.15 U	0.16 U	0.14 U	0.2 U	0.15 U	0.15 U
Naphthalene	12	100	0.023 J	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Nitrobenzene	NS	NS	0.037 U	0.04 U	0.036 U	0.05 U	0.037 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.04 U	0.036 U	0.05 U	0.037 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Pentachlorophenol	0.8	6.7	0.3 U	0.32 U	0.29 U	0.4 U	0.3 U	0.3 U
Phenanthrene	100	100	0.025 J	0.4 U	0.047 J	0.5 U	0.37 U	0.37 U
Phenol	0.33	100	0.37 U	0.4 U	0.36 U	0.5 U	0.37 U	0.37 U
Pyrene	100	100	0.11 J	0.4 U	0.087 J	0.017 J	0.37 U	0.37 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B3-1_5-7_20250521	SRI-B3-2B_8-10_20250521	SRI-B3-2B_12-14_20250521	SRI-B3-2C_3-5_20250521	SRI-B3-3_8-10_20250521	SRI-B3-3_13-15_20250521
		Laboratory Sample ID	460-326874-16	460-326874-11	460-326874-12	460-326874-20	460-326874-13	460-326874-14
		Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.073 U	0.073 U	0.074 U	0.074 U	0.074 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.073 U	0.074 U	0.074 U	0.074 U	0.072 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
2-Methylnaphthalene	NS	NS	0.36 U	0.36 U	0.36 U	0.013 J	0.36 U	0.35 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
4-Chloroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
4-Nitroaniline	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
4-Nitrophenol	NS	NS	0.73 U	0.73 U	0.74 U	0.74 U	0.74 U	0.72 U
Acenaphthene	20	100	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Acenaphthylene	100	100	0.36 U	0.36 U	0.36 U	0.03 J	0.36 U	0.35 U
Acetophenone	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Anthracene	100	100	0.36 U	0.36 U	0.36 U	0.028 J	0.36 U	0.35 U
Atrazine	NS	NS	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	0.36 UJ	0.37 UJ	0.36 UJ	0.35 UJ
Benzo(a)Anthracene	**1**	1	0.036 U	0.036 U	0.036 U	0.2	0.036 U	0.035 U
Benzo(a)Pyrene	**1**	1	0.036 U	0.036 U	0.036 U	0.25	0.016 J	0.035 U
Benzo(b)Fluoranthene	**1**	1	0.036 U	0.036 U	0.036 U	0.34	0.016 J	0.035 U
Benzo(g,h,i)Perylene	100	100	0.36 U	0.36 U	0.36 U	0.15 J	0.014 J	0.35 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.036 U	0.036 U	0.036 U	0.12	0.016 J	0.035 U
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.075 J	0.36 U	0.35 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.032 J	0.36 U	0.35 U
Caprolactam	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Carbazole	NS	NS	0.36 U	0.36 U	0.36 U	0.015 J	0.36 U	0.35 U
Chrysene	**1**	3.9	0.36 U	0.36 U	0.36 U	0.23 J	0.016 J	0.35 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	0.036 U	0.036 U	0.041	0.036 U	0.035 U
Dibenzofuran	7	59	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.029 J	0.36 U	0.35 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Fluoranthene	100	100	0.36 U	0.36 U	0.36 U	0.38	0.018 J	0.35 U
Fluorene	30	100	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.035 U
Hexachlorobutadiene	NS	NS	0.073 U	0.073 U	0.074 U	0.074 U	0.074 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.036 U	0.036 U	0.036 U	0.17	0.015 J	0.035 U
Isophorone	NS	NS	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	100	0.36 U	0.36 U	0.36 U	0.016 J	0.36 U	0.35 U
Nitrobenzene	NS	NS	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.036 U	0.037 U	0.036 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Phenanthrene	100	100	0.36 U	0.36 U	0.36 U	0.14 J	0.36 U	0.35 U
Phenol	0.33	100	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.35 U
Pyrene	100	100	0.36 U	0.36 U	0.36 U	0.36 J	0.018 J	0.35 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B3-3B_3-5_20250521	SRI-B3-4_3-5_20250521	SRI-B3-4_6-8_20250521	SRI-B3-4_13-15_20250521	SRI-B4-1A_3-5_20250521	SRI-B4-1A_8-10_20250521
		Laboratory Sample ID	460-326874-21	460-326874-8	460-326874-9	460-326874-10	460-326874-17	460-326874-18
		Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.038 U	0.039 U	0.038 U	0.036 U	0.038 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.31 U	0.32 U	0.31 U	0.29 U	0.3 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.078 U	0.08 U	0.077 U	0.073 U	0.077 U	0.076 U
2,6-Dinitrotoluene	NS	NS	0.078 U	0.08 U	0.077 U	0.073 U	0.077 U	0.076 U
2-Chloronaphthalene	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
2-Chlorophenol	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
2-Methylnaphthalene	NS	NS	0.38 U	0.39 U	0.38 U	6.8	0.012 J	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
2-Nitroaniline	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
2-Nitrophenol	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.32 U	0.31 U	0.29 U	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
4-Chloroaniline	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
4-Nitroaniline	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
4-Nitrophenol	NS	NS	0.78 U	0.8 U	0.77 U	0.73 U	0.77 U	0.76 U
Acenaphthene	20	100	0.38 U	0.39 U	0.38 U	0.032 J	0.38 U	0.37 U
Acenaphthylene	100	100	0.38 U	0.39 U	0.38 U	0.36 U	0.02 J	0.37 U
Acetophenone	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Anthracene	100	100	0.38 U	0.39 U	0.38 U	0.032 J	0.022 J	0.37 U
Atrazine	NS	NS	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.38 UJ	0.39 UJ	0.38 UJ	0.36 UJ	0.38 U	0.37 UJ
Benzo(a)Anthracene	**1**	1	0.034 J	0.039 U	0.038 U	0.038	0.13	0.037 U
Benzo(a)Pyrene	**1**	1	0.035 J	0.039 U	0.011 J	0.025 J	0.15	0.037 U
Benzo(b)Fluoranthene	**1**	1	0.045	0.014 J	0.011 J	0.028 J	0.2	0.037 U
Benzo(g,h,i)Perylene	100	100	0.024 J	0.39 U	0.38 U	0.022 J	0.1 J	0.37 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.016 J	0.039 U	0.012 J	0.021 J	0.073	0.037 U
Benzyl Butyl Phthalate	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.018 J	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.39 U	0.38 U	0.11 J	0.38 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.039 U	0.038 U	0.036 U	0.038 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Caprolactam	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Carbazole	NS	NS	0.38 U	0.39 U	0.38 U	0.016 J	0.38 U	0.37 U
Chrysene	**1**	3.9	0.036 J	0.39 U	0.38 U	0.034 J	0.14 J	0.37 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.038 U	0.039 U	0.038 U	0.036 U	0.028 J	0.037 U
Dibenzofuran	7	59	0.38 U	0.39 U	0.38 U	0.013 J	0.38 U	0.37 U
Diethyl Phthalate	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Dimethyl Phthalate	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.39 U	0.38 U	0.019 J	0.38 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Fluoranthene	100	100	0.052 J	0.026 J	0.38 U	0.059 J	0.24 J	0.37 U
Fluorene	30	100	0.38 U	0.39 U	0.38 U	0.071 J	0.38 U	0.37 U
Hexachlorobenzene	0.33	1.2	0.038 U	0.039 U	0.038 U	0.036 U	0.038 U	0.037 U
Hexachlorobutadiene	NS	NS	0.078 U	0.08 U	0.077 U	0.073 U	0.077 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Hexachloroethane	NS	NS	0.038 U	0.039 U	0.038 U	0.036 U	0.038 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.022 J	0.039 U	0.038 U	0.02 J	0.11	0.037 U
Isophorone	NS	NS	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.38 U	0.39 U	0.38 U	6.1	0.013 J	0.37 U
Nitrobenzene	NS	NS	0.038 U	0.039 U	0.038 U	0.036 U	0.038 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.039 U	0.038 U	0.036 U	0.038 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Pentachlorophenol	0.8	6.7	0.31 U	0.32 U	0.31 U	0.29 U	0.3 U	0.3 U
Phenanthrene	100	100	0.018 J	0.033 J	0.38 U	0.14 J	0.11 J	0.37 U
Phenol	0.33	100	0.38 U	0.39 U	0.38 U	0.36 U	0.38 U	0.37 U
Pyrene	100	100	0.06 J	0.022 J	0.011 J	0.075 J	0.24 J	0.37 U

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B4-1A_13-15_20250521	SRI-B4-1B_15-17_20250522	SRI-B4-2A_3-5_20250522	SRI-B4-2A_8-10_20250522	SRI-B4-2A_11-13_20250522	SRI-B4-3_3-5_20250522
		Laboratory Sample ID	460-326874-19	460-327318-7	460-327318-4	460-327318-5	460-327318-6	460-327318-8
		Date Sampled	5/21/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.038 U	0.035 U	0.037 U	0.035 U	0.034 U	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.15 U	0.14 UJ	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.31 U	0.28 U	0.3 U	0.28 UJ	0.28 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.077 U	0.071 U	0.075 U	0.071 U	0.07 U	0.077 U
2,6-Dinitrotoluene	NS	NS	0.077 U	0.071 U	0.075 U	0.071 U	0.07 U	0.077 U
2-Chloronaphthalene	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
2-Chlorophenol	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
2-Methylnaphthalene	NS	NS	0.025 J	0.35 U	0.37 U	0.35 U	0.34 U	0.02 J
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
2-Nitroaniline	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
2-Nitrophenol	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.28 U	0.3 U	0.28 UJ	0.28 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
4-Chloroaniline	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
4-Nitroaniline	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
4-Nitrophenol	NS	NS	0.77 U	0.71 U	0.75 U	0.71 U	0.7 U	0.77 U
Acenaphthene	20	100	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.033 J
Acenaphthylene	100	100	0.052 J	0.35 U	0.37 U	0.35 UJ	0.34 U	0.093 J
Acetophenone	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
Anthracene	100	100	0.021 J	0.35 U	0.37 U	0.35 U	0.011 J	0.2 J
Atrazine	NS	NS	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.38 UJ	0.35 UJ	0.37 UJ	0.35 UJ	0.34 UJ	0.38 UJ
Benzo(a)Anthracene	**1**	1	0.075	0.035 U	0.046	0.035 UJ	0.034 U	0.83
Benzo(a)Pyrene	**1**	1	0.17	0.019 J	0.05	0.035 UJ	0.017 J	0.81
Benzo(b)Fluoranthene	**1**	1	0.24	0.035	0.066	0.035 U	0.022 J	**1.1**
Benzo(g,h,i)Perylene	100	100	0.23 J	0.026 J	0.04 J	0.011 JL	0.047 J	0.57
Benzo(k)Fluoranthene	**0.8**	3.9	0.088	0.018 J	0.027 J	0.035 U	0.034 U	0.39
Benzyl Butyl Phthalate	NS	NS	0.38 U	0.017 J	0.37 U	0.35 U	0.34 U	0.031 J
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.035 U	0.037 U	0.035 UJ	0.034 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Caprolactam	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Carbazole	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.053 J
Chrysene	**1**	3.9	0.11 J	0.029 J	0.052 J	0.35 UJ	0.015 J	0.9
Dibenz(a,h)Anthracene	**0.33**	0.33	0.048	0.035 U	0.037 U	0.035 U	0.034 U	0.15
Dibenzofuran	7	59	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.027 J
Diethyl Phthalate	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Dimethyl Phthalate	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Fluoranthene	100	100	0.084 J	0.027 J	0.076 J	0.35 U	0.028 J	1.7
Fluorene	30	100	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.055 J
Hexachlorobenzene	0.33	1.2	0.038 U	0.035 U	0.037 U	0.035 U	0.034 U	0.038 U
Hexachlorobutadiene	NS	NS	0.077 U	0.071 U	0.075 U	0.071 UJ	0.07 U	0.077 U
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
Hexachloroethane	NS	NS	0.038 U	0.035 U	0.037 U	0.035 UJ	0.034 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.21	0.026 J	0.038	0.035 UJ	0.017 J	**0.57**
Isophorone	NS	NS	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U
Naphthalene	12	100	0.039 J	0.0075 J	0.0078 J	0.35 UJ	0.34 U	0.037 J
Nitrobenzene	NS	NS	0.038 U	0.035 U	0.037 U	0.035 UJ	0.034 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.035 U	0.037 U	0.035 UJ	0.034 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.35 U	0.37 U	0.35 U	0.34 U	0.38 U
Pentachlorophenol	0.8	6.7	0.31 U	0.28 U	0.3 U	0.28 UJ	0.28 U	0.31 U
Phenanthrene	100	100	0.046 J	0.017 J	0.026 J	0.35 U	0.019 J	0.65
Phenol	0.33	100	0.38 U	0.35 U	0.37 U	0.35 UJ	0.34 U	0.38 U
Pyrene	100	100	0.093 J	0.026 J	0.075 J	0.35 U	0.027 J	1.5

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-B4-3_8-10_20250522	SRI-B4-3_13-15_20250522	SRI-B4-4_3-5_20250522	SRI-B4-4_8-10_20250522	SRI-B4-4_13-15_20250522	SRI-FB-1_20250519
		Laboratory Sample ID	460-327318-9	460-327318-10	460-327318-1	460-327318-2	460-327318-3	460-326755-9
		Date Sampled	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/19/2025
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
1,4-Dioxane (P-Dioxane)	0.1	13	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	10 UJ
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	3 UJ
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	10 UJ
2,4-Dimethylphenol	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2,4-Dinitrophenol	NS	NS	0.31 U	0.29 U	0.3 U	0.3 U	0.29 U	40 UJ
2,4-Dinitrotoluene	NS	NS	0.078 U	0.072 U	0.077 U	0.076 U	0.074 U	10 UJ
2,6-Dinitrotoluene	NS	NS	0.078 U	0.072 U	0.077 U	0.076 U	0.074 U	2 UJ
2-Chloronaphthalene	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2-Chlorophenol	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2-Methylnaphthalene	NS	NS	0.039 J	0.07 J	0.018 J	0.38 U	0.17 J	10 UJ
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2-Nitroaniline	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
2-Nitrophenol	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	5.2 UJ
3-Nitroaniline	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.29 U	0.3 U	0.3 U	0.29 U	20 UJ
4-Bromophenyl Phenyl Ether	NS	NS	0.02 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Chloroaniline	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	5 UJ
4-Chlorophenyl Phenyl Ether	NS	NS	0.015 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Nitroaniline	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
4-Nitrophenol	NS	NS	0.78 U	0.72 U	0.77 U	0.76 U	0.74 U	20 UJ
Acenaphthene	20	100	0.021 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Acenaphthylene	100	100	0.061 J	0.35 U	0.053 J	0.38 U	0.37 U	10 UJ
Acetophenone	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Anthracene	100	100	0.069 J	0.35 U	0.034 J	0.38 U	0.37 U	10 UJ
Atrazine	NS	NS	0.15 U	0.14 UJ	0.15 U	0.15 U	0.15 U	2 UJ
Benzaldehyde	NS	NS	0.38 UJ	0.35 UJ	0.38 UJ	0.38 UJ	0.37 UJ	10 UJ
Benzo(a)Anthracene	**1**	1	0.3	0.035 U	0.13	0.038 U	0.037 U	1 UJ
Benzo(a)Pyrene	**1**	1	0.32	0.035 U	0.16	0.038 U	0.037 U	1 UJ
Benzo(b)Fluoranthene	**1**	1	0.43	0.035 U	0.22	0.038 U	0.037 U	2 UJ
Benzo(g,h,i)Perylene	100	100	0.25 J	0.35 U	0.13 J	0.38 U	0.37 U	10 UJ
Benzo(k)Fluoranthene	**0.8**	3.9	0.16	0.035 U	0.081	0.038 U	0.037 U	1 UJ
Benzyl Butyl Phthalate	NS	NS	0.039 J	0.35 U	0.037 J	0.38 U	0.37 U	10 UJ
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	5 UJ
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	1 UJ
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.033 J	0.35 U	0.38 U	0.38 U	0.37 U	2 UJ
Caprolactam	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Carbazole	NS	NS	0.043 J	0.35 U	0.016 J	0.38 U	0.37 U	10 UJ
Chrysene	**1**	3.9	0.35 J	0.35 U	0.16 J	0.38 U	0.37 U	2 UJ
Dibenz(a,h)Anthracene	**0.33**	0.33	0.078	0.035 U	0.035 J	0.038 U	0.037 U	1 UJ
Dibenzofuran	7	59	0.028 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Diethyl Phthalate	NS	NS	0.017 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Dimethyl Phthalate	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Di-N-Butyl Phthalate	NS	NS	0.031 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Di-N-Octylphthalate	NS	NS	0.022 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Fluoranthene	100	100	0.57	0.013 J	0.2 J	0.38 U	0.37 U	10 UJ
Fluorene	30	100	0.033 J	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Hexachlorobenzene	0.33	1.2	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	1 UJ
Hexachlorobutadiene	NS	NS	0.078 U	0.072 U	0.077 U	0.076 U	0.074 U	1 UJ
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Hexachloroethane	NS	NS	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	0.8 UJ
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.24	0.035 U	0.12	0.038 U	0.037 U	2 UJ
Isophorone	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	10 UJ
Naphthalene	12	100	0.073 J	0.35 U	0.016 J	0.38 U	0.24 J	2 UJ
Nitrobenzene	NS	NS	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	1 UJ
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.035 U	0.038 U	0.038 U	0.037 U	1 UJ
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Pentachlorophenol	0.8	6.7	0.31 U	0.29 U	0.3 U	0.3 U	0.29 U	20 UJ
Phenanthrene	100	100	0.33 J	0.016 J	0.098 J	0.38 U	0.37 U	10 UJ
Phenol	0.33	100	0.38 U	0.35 U	0.38 U	0.38 U	0.37 U	10 UJ
Pyrene	100	100	0.57	0.011 J	0.21 J	0.38 U	0.37 U	10 UJ

Table 5B
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of SVOCs

		AKRF Sample ID	SRI-FB-2_20250519	SRI-FB-3_20250520	SRI-FB-4_20250520	SRI-FB-5_20250521
		Laboratory Sample ID	460-326755-10	460-327049-36	460-327049-37	460-326874-7
		Date Sampled	5/19/2025	5/20/2025	5/20/2025	5/21/2025
		Dilution Factor	1	1	1	1
		Unit	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	10 UJ	10 UJ	10 UJ	10 U
1,4-Dioxane (P-Dioxane)	0.1	13	10 UJ	10 UJ	10 UJ	10 U
2,3,4,6-Tetrachlorophenol	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2,4,5-Trichlorophenol	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2,4,6-Trichlorophenol	NS	NS	3 UJ	3 UJ	3 UJ	3 U
2,4-Dichlorophenol	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2,4-Dimethylphenol	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2,4-Dinitrophenol	NS	NS	40 UJ	40 UJ	40 UJ	40 U
2,4-Dinitrotoluene	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2,6-Dinitrotoluene	NS	NS	2 UJ	2 UJ	2 UJ	2 U
2-Chloronaphthalene	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2-Chlorophenol	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2-Methylnaphthalene	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2-Methylphenol (O-Cresol)	0.33	100	10 UJ	10 UJ	10 UJ	10 U
2-Nitroaniline	NS	NS	10 UJ	10 UJ	10 UJ	10 U
2-Nitrophenol	NS	NS	10 UJ	10 UJ	10 UJ	10 U
3,3'-Dichlorobenzidine	NS	NS	5.2 UJ	5.2 UJ	5.2 UJ	5.2 U
3-Nitroaniline	NS	NS	10 UJ	10 UJ	10 UJ	10 U
4,6-Dinitro-2-Methylphenol	NS	NS	20 UJ	20 UJ	20 UJ	20 U
4-Bromophenyl Phenyl Ether	NS	NS	10 UJ	10 UJ	10 UJ	10 U
4-Chloro-3-Methylphenol	NS	NS	10 UJ	10 UJ	10 UJ	10 U
4-Chloroaniline	NS	NS	5 UJ	5 UJ	5 UJ	5 U
4-Chlorophenyl Phenyl Ether	NS	NS	10 UJ	10 UJ	10 UJ	10 U
4-Methylphenol (P-Cresol)	0.33	100	10 UJ	10 UJ	10 UJ	10 U
4-Nitroaniline	NS	NS	10 UJ	10 UJ	10 UJ	10 U
4-Nitrophenol	NS	NS	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthene	20	100	10 UJ	10 UJ	10 UJ	10 U
Acenaphthylene	100	100	10 UJ	10 UJ	10 UJ	10 U
Acetophenone	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Anthracene	100	100	10 UJ	10 UJ	10 UJ	10 U
Atrazine	NS	NS	2 UJ	2 UJ	2 UJ	2 U
Benzaldehyde	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Benzo(a)Anthracene	**1**	1	1 UJ	1 UJ	1 UJ	1 U
Benzo(a)Pyrene	**1**	1	1 UJ	1 UJ	1 UJ	1 U
Benzo(b)Fluoranthene	**1**	1	2 UJ	2 UJ	2 UJ	2 U
Benzo(g,h,i)Perylene	100	100	10 UJ	10 UJ	10 UJ	10 U
Benzo(k)Fluoranthene	**0.8**	3.9	1 UJ	1 UJ	1 UJ	1 U
Benzyl Butyl Phthalate	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Biphenyl (Diphenyl)	NS	NS	5 UJ	5 UJ	5 UJ	5 U
Bis(2-Chloroethoxy) Methane	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	1 UJ	1 UJ	1 UJ	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	2 UJ	2 UJ	2 UJ	2 U
Caprolactam	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Carbazole	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Chrysene	**1**	3.9	2 UJ	2 UJ	2 UJ	2 U
Dibenz(a,h)Anthracene	**0.33**	0.33	1 UJ	1 UJ	1 UJ	1 U
Dibenzofuran	7	59	10 UJ	10 UJ	10 UJ	10 U
Diethyl Phthalate	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Dimethyl Phthalate	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Di-N-Butyl Phthalate	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Di-N-Octylphthalate	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Fluoranthene	100	100	10 UJ	10 UJ	10 UJ	10 U
Fluorene	30	100	10 UJ	10 UJ	10 UJ	10 U
Hexachlorobenzene	0.33	1.2	1 UJ	1 UJ	1 UJ	1 U
Hexachlorobutadiene	NS	NS	1 UJ	1 UJ	1 UJ	1 U
Hexachlorocyclopentadiene	NS	NS	10 UJ	10 UJ	10 UJ	10 UJ
Hexachloroethane	NS	NS	0.8 UJ	0.8 UJ	0.8 UJ	0.8 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	2 UJ	2 UJ	2 UJ	2 U
Isophorone	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Naphthalene	12	100	2 UJ	2 UJ	2 UJ	2 U
Nitrobenzene	NS	NS	1 UJ	1 UJ	1 UJ	1 U
N-Nitrosodi-N-Propylamine	NS	NS	1 UJ	1 UJ	1 UJ	1 U
N-Nitrosodiphenylamine	NS	NS	10 UJ	10 UJ	10 UJ	10 U
Pentachlorophenol	0.8	6.7	20 UJ	20 UJ	20 UJ	20 U
Phenanthrene	100	100	10 UJ	10 UJ	10 UJ	10 U
Phenol	0.33	100	10 UJ	10 UJ	10 UJ	10 U
Pyrene	100	100	10 UJ	10 UJ	10 UJ	10 U

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A1-1_3-5_20250519	SRI-A1-1_8-10_20250519	SRI-A1-1_13-15_20250519	SRI-A1-2_3-5_20250519	SRI-A1-2_8-10_20250519
		Laboratory Sample ID	460-326755-1	460-326755-2	460-326755-3	460-326755-4	460-326755-5
		Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	10,500	16,900	13,300	10,100	13,100
Antimony	NS	NS	0.31 J	0.83 U	0.89 U	0.47 J	0.21 J
Arsenic	13	16	3.1	0.83	3.2	3.2	2.6
Barium	**350**	400	102	12.7	37.3	105	64.2
Beryllium	7.2	72	0.54	1.3	0.66	0.55	0.66
Cadmium	**2.5**	4.3	0.17 J	0.83 U	0.89 U	0.24 J	0.18 J
Calcium	NS	NS	20,600	12,300	3,410	45,900	43,200
Chromium, Total	NS	NS	20.3	22.7	16.8	19.8	22
Cobalt	NS	NS	8.2	9.7	7.5	9	8.2
Copper	**50**	270	24.1	22.5	14.8	26.6	18.5
Iron	NS	NS	21,400	20,900	18,900	21,700	19,600
Lead	**63**	400	**162**	4.2	6.1	**148**	**125**
Magnesium	NS	NS	7,110	6,360	5,240	6,610	8,140
Manganese	1,600	2,000	354	410	413	323	340
Mercury	**0.18**	0.81	**0.26**	0.017 U	0.019 U	**0.22**	0.068
Nickel	**30**	310	17.1	21.8	15.9	19	17.5
Potassium	NS	NS	2,190	1,580	1,010	2,230	1,670
Selenium	3.9	180	0.13 J	0.15 J	1.1 U	0.17 J	0.13 J
Silver	2	180	0.34 U	0.33 U	0.36 U	0.34 U	0.34 U
Sodium	NS	NS	191	1,650	462	492	653
Thallium	NS	NS	0.16 J	0.16 J	0.099 J	0.15 J	0.14 J
Vanadium	NS	NS	30.6	26.2	21.4	31.6	29.3
Zinc	**109**	10,000	**123**	31.6	37.4	**118**	75.3

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A1-2_13-15_20250519	SRI-A1-3_3-5_20250519	SRI-A1-3_7-9_20250519	SRI-A1-3_7-9_20250519	SRI-A1-4_3-5_20250519
		Laboratory Sample ID	460-326755-6	460-326755-7	460-326755-8	460-326755-8	460-326755-11
		Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	1	1	2	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,210	13,900	6,180	NR	11,000
Antimony	NS	NS	0.24 J	0.83 J	0.29 J	NR	3.2 JL
Arsenic	13	16	8.2 J	7.3	2.5	NR	3.7
Barium	**350**	400	74.2	253	325	NR	112
Beryllium	7.2	72	0.47	0.64	0.36	NR	0.57
Cadmium	**2.5**	4.3	0.26 J	0.48 J	0.32 J	NR	0.35 J
Calcium	NS	NS	45,000 J	39,400	NR	110,000	33,200
Chromium, Total	NS	NS	15.5	18.7	12.6	NR	22.2 J
Cobalt	NS	NS	5.3	5.3	4.6	NR	7.7
Copper	**50**	270	19.5	38.4	25.5	NR	**140 R**
Iron	NS	NS	14,200	18,300	11,300	NR	20,800
Lead	**63**	400	**233 J**	**245**	**1,240**	NR	**335 J**
Magnesium	NS	NS	7,000	6,140	6,700	NR	8,380 J
Manganese	1,600	2,000	398 J	268	230	NR	584
Mercury	**0.18**	0.81	0.11	**0.39**	0.12	NR	**0.2**
Nickel	**30**	310	12.3	13.2	11.6	NR	18.1 JK
Potassium	NS	NS	1,190	1,700	2,500	NR	1,920
Selenium	3.9	180	0.11 J	0.26 J	0.22 J	NR	0.16 J
Silver	2	180	0.34 U	0.09 J	0.33 U	NR	0.13 J
Sodium	NS	NS	694 J	1,290	413	NR	677
Thallium	NS	NS	0.1 J	0.13 J	0.14 J	NR	0.16 J
Vanadium	NS	NS	18.4	27.9	17	NR	30.7 JK
Zinc	**109**	10,000	76.2 J	**193**	**156**	NR	**173**

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A2-1_3-5_20250520	SRI-A2-1_8-10_20250520	SRI-A2-1_13-15_20250520	SRI-X-3_13-15_20250520	SRI-A2-2_3-5_20250520
		Laboratory Sample ID	460-327049-11	460-327049-12	460-327049-13	460-327049-14	460-327049-8
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,310	6,950	6,520	8,100	11,200
Antimony	NS	NS	0.52 J	0.55 J	0.34 J	0.42 J	1.4
Arsenic	13	16	2.6	2.6	3.5	3.3	4
Barium	**350**	400	59.4	67.6	44.4	70.5	106
Beryllium	7.2	72	0.35	0.32	0.32 J	0.44	0.5
Cadmium	**2.5**	4.3	0.19 J	0.16 J	0.16 J	0.36 J	0.58 J
Calcium	NS	NS	41,900	35,700	70,300	55,900	18,400
Chromium, Total	NS	NS	19.8	16.1	19.2	15.4	17.4
Cobalt	NS	NS	5.9	4.5	4.6	5.6	6.6
Copper	**50**	270	32.5	20.7	46 J	**179 J**	26.5
Iron	NS	NS	14,000	11,100	11,700	13,900	15,700
Lead	**63**	400	**98.6**	**65.9**	**68.1 J**	**154 J**	**268**
Magnesium	NS	NS	6,770	5,410	12,300	24,300	6,150
Manganese	1,600	2,000	231	174	290	217	391
Mercury	**0.18**	0.81	0.11	0.09	0.066 J	0.13 J	**0.22**
Nickel	**30**	310	17.7	9.3	13.6	18.5	16.9
Potassium	NS	NS	1,270	979	1,040	1,310	1,140
Selenium	3.9	180	0.27 J	0.15 J	1.1 U	0.15 J	0.32 J
Silver	2	180	0.08 J	0.076 J	0.36 U	0.32 U	0.098 J
Sodium	NS	NS	670	684	900	577	258
Thallium	NS	NS	0.073 J	0.05 J	0.058 J	0.11 J	0.13 J
Vanadium	NS	NS	31.1	28.3	17.9	22.2	23.3
Zinc	**109**	10,000	101	68.3	54.9	109	**532**

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A2-2_8-10_20250520	SRI-A2-2_13-15_20250520	SRI-A2-3_3-5_20250520	SRI-A2-3_8-10_20250520	SRI-A2-3_10-12_20250520
		Laboratory Sample ID	460-327049-9	460-327049-10	460-327049-15	460-327049-16	460-327049-17
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,690	21,600	10,300	13,000	11,000
Antimony	NS	NS	2.2	0.84 U	0.39 J	0.18 J	0.92
Arsenic	13	16	11.3	0.82 J	2.6	1.4	9.4
Barium	**350**	400	71.2	8.3	69.1	91.8	70.4
Beryllium	7.2	72	0.42	1.3	0.51	1.9	0.63
Cadmium	**2.5**	4.3	0.42 J	0.84 U	0.21 J	0.11 J	0.18 J
Calcium	NS	NS	7,490	11,300	25,800	59,500	63,300
Chromium, Total	NS	NS	16	38.1	20	15.5	22.3
Cobalt	NS	NS	6.2	9.9	7.9	7.8	8.5
Copper	**50**	270	17.3	19.9	19.4	16.1	24.7
Iron	NS	NS	25,400	26,000	17,500	14,300	16,900
Lead	**63**	400	**101**	5.9	**77.9**	**73.8**	**130**
Magnesium	NS	NS	4,480	17,000	8,200	6,880	8,030
Manganese	1,600	2,000	360	372	339	298	330
Mercury	**0.18**	0.81	0.079	0.017 U	0.11 JK	0.088	0.048
Nickel	**30**	310	21.5	17.3	15.9	17.4	17.5
Potassium	NS	NS	1,140	430	1,820	1,780	2,350
Selenium	3.9	180	0.33 J	0.15 J	1.1 U	1.1 U	1.1 U
Silver	2	180	0.084 J	0.34 U	0.36 U	0.34 U	0.34 U
Sodium	NS	NS	440	2,960	535	1,720	951
Thallium	NS	NS	0.16 J	0.24 J	0.16 J	0.15 J	0.46
Vanadium	NS	NS	21.9	40.8	28	20.4	27.6
Zinc	**109**	10,000	**115**	50.3	88.4	62	92.3

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A2-4_3-5_20250520	SRI-A2-4_8-10_20250520	SRI-A2-4_13-15_20250520	SRI-A3-1_3-5_20250520	SRI-A3-1_8-10_20250520
		Laboratory Sample ID	460-327049-1	460-327049-2	460-327049-3	460-327049-29	460-327049-30
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	22,400	9,260	15,500	8,860	14,800
Antimony	NS	NS	0.85 U	0.27 J	0.85 U	1.6	0.84 U
Arsenic	13	16	0.86	3	0.91	4.2	4.5
Barium	**350**	400	41.8	52.1	32.3	142	44.7
Beryllium	7.2	72	1.4	0.47	1.2	0.57	0.5
Cadmium	**2.5**	4.3	0.85 U	0.18 J	0.096 J	0.29 J	0.84 U
Calcium	NS	NS	32,700	76,600	26,600	35,100	1,400
Chromium, Total	NS	NS	34	15.9	29.4	17.8	17.9
Cobalt	NS	NS	10.4	5.8	9.5	7.4	7.9
Copper	**50**	270	31.6	14.7	17.4	44	12.6
Iron	NS	NS	24,000	13,800	25,500	15,700	21,700
Lead	**63**	400	4.8	**88**	11.1	**335**	10.2
Magnesium	NS	NS	9,830	5,710	10,600	19,900	3,660
Manganese	1,600	2,000	364	577	368	348	338
Mercury	**0.18**	0.81	0.016 U	0.071	0.018 U	**0.41**	0.013 J
Nickel	**30**	310	22.5	13.3	29.1	13.2	16.2
Potassium	NS	NS	2,720	1,540	3,020	1,620	976
Selenium	3.9	180	0.15 J	0.16 J	1.1 U	0.36 J	0.14 J
Silver	2	180	0.34 U	0.32 U	0.34 U	0.2 J	0.34 U
Sodium	NS	NS	2,490	364	1,130	451	343
Thallium	NS	NS	0.27 J	0.12 J	1	0.19 J	0.099 J
Vanadium	NS	NS	39.6	22.3	43.2	24.3	23.5
Zinc	**109**	10,000	44.8	66.4	99.4	**170**	46.1

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A3-1_13-15_20250520	SRI-A3-2_3-5_20250520	SRI-A3-2_3-5_20250520	SRI-A3-2_8-10_20250520	SRI-A3-2_13-15_20250520
		Laboratory Sample ID	460-327049-31	460-327049-26	460-327049-26	460-327049-27	460-327049-28
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	1	3	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,560	1,440	NR	15,500	27,000
Antimony	NS	NS	1.1	0.17 J	NR	0.9 U	0.89 U
Arsenic	13	16	3	1.8	NR	4	2.4
Barium	**350**	400	217	51.6	NR	47.3	122
Beryllium	7.2	72	0.42	0.087 J	NR	0.53	0.37
Cadmium	**2.5**	4.3	0.15 J	0.77 U	NR	0.9 U	0.12 J
Calcium	NS	NS	19,700	5,940	NR	1,200	NR
Chromium, Total	NS	NS	14.8	5.1	NR	18.7	24.5
Cobalt	NS	NS	5.4	1.3 J	NR	7.9	5.5
Copper	**50**	270	19.2	7.9	NR	11.1	12.3
Iron	NS	NS	13,800	4,430	NR	22,100	15,500
Lead	**63**	400	**187**	**106**	NR	8.9	17.1
Magnesium	NS	NS	6,370	3,160	NR	4,220	NR
Manganese	1,600	2,000	300	64.8	NR	382	383
Mercury	**0.18**	0.81	0.017 U	NR	**1**	0.019 U	0.018 U
Nickel	**30**	310	11.3	2.6	NR	15.3	9.3
Potassium	NS	NS	1,120	386	NR	1,130	8,410
Selenium	3.9	180	0.2 J	0.96 U	NR	1.1 U	1.1 U
Silver	2	180	0.33 U	0.31 U	NR	0.36 U	0.36 U
Sodium	NS	NS	181	68.2 J	NR	367	985
Thallium	NS	NS	0.098 J	0.31 U	NR	0.12 J	0.34 J
Vanadium	NS	NS	21.9	4.6	NR	25.8	25.8
Zinc	**109**	10,000	**116**	27	NR	49.3	57.2

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A3-2_13-15_20250520	SRI-A3-3_3-5_20250520	SRI-A3-3_3-5_20250520	SRI-A3-3_5-7_20250520	SRI-X-4_5-7_20250520
		Laboratory Sample ID	460-327049-28	460-327049-18	460-327049-18	460-327049-19	460-327049-21
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	5	1	3	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	9,910	NR	14,800	24,500
Antimony	NS	NS	NR	0.96	NR	0.29 J	0.85 U
Arsenic	13	16	NR	3	NR	4.3 J	1.6 J
Barium	**350**	400	NR	105	NR	58.9	43
Beryllium	7.2	72	NR	0.49	NR	0.58 J	1.8 J
Cadmium	**2.5**	4.3	NR	0.25 J	NR	0.88 U	0.85 U
Calcium	NS	NS	108,000	25,000	NR	1,160 J	10,200 J
Chromium, Total	NS	NS	NR	19.3	NR	18.6	27.9
Cobalt	NS	NS	NR	6.9	NR	7.7	10.3
Copper	**50**	270	NR	30.9	NR	12.4	26.1
Iron	NS	NS	NR	16,800	NR	21,400	25,400
Lead	**63**	400	NR	**127**	NR	11.7	7.3
Magnesium	NS	NS	61,300	8,660	NR	3,620 J	7,930 J
Manganese	1,600	2,000	NR	263	NR	383	510
Mercury	**0.18**	0.81	NR	NR	**1.5**	0.02	0.016 J
Nickel	**30**	310	NR	15.9	NR	16.1	25.1
Potassium	NS	NS	NR	2,330	NR	1,030	1,160
Selenium	3.9	180	NR	0.14 J	NR	0.14 J	1.1 U
Silver	2	180	NR	0.087 J	NR	0.35 U	0.34 U
Sodium	NS	NS	NR	221	NR	111 J	1,630 J
Thallium	NS	NS	NR	0.15 J	NR	0.12 J	0.25 J
Vanadium	NS	NS	NR	29.3	NR	25.3	37.6
Zinc	**109**	10,000	NR	**143**	NR	47.6	51.3

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A3-3_13-15_20250520	SRI-A3-3_13-15_20250520	SRI-A3-4_3-5_20250520	SRI-A3-4_6-8_20250520	SRI-A3-4_13-15_20250520
		Laboratory Sample ID	460-327049-20	460-327049-20	460-327049-23	460-327049-24	460-327049-25
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025
		Dilution Factor	1	5	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	22,600	NR	8,150	10,600	14,000
Antimony	NS	NS	0.82 U	NR	0.68 J	0.89	0.13 J
Arsenic	13	16	0.46 J	NR	2.8	3.5	0.68 J
Barium	**350**	400	17.5	NR	108	187	7.5
Beryllium	7.2	72	0.87	NR	0.41	0.54	1.1
Cadmium	**2.5**	4.3	0.47 J	NR	0.36 J	0.44 J	0.82 U
Calcium	NS	NS	NR	208,000	37,500	40,800	9,860
Chromium, Total	NS	NS	27	NR	15.2	20.6	17.6
Cobalt	NS	NS	4.2	NR	6.1	7.8	9.1
Copper	**50**	270	4.7	NR	28.4	30.4	21.4
Iron	NS	NS	17,900	NR	14,400	16,100	16,600
Lead	**63**	400	4.6	NR	**156**	**258**	3.2
Magnesium	NS	NS	21,100	NR	14,700	9,820	7,520
Manganese	1,600	2,000	383	NR	348	299	318
Mercury	**0.18**	0.81	0.018 U	NR	**0.4**	**0.27**	0.017 U
Nickel	**30**	310	9.4	NR	13.3	15.4	16.2
Potassium	NS	NS	2,350	NR	1,460	2,030	741
Selenium	3.9	180	1 U	NR	0.13 J	0.22 J	1 U
Silver	2	180	0.33 U	NR	0.32 U	0.09 J	0.33 U
Sodium	NS	NS	2,120	NR	332	545	1,380
Thallium	NS	NS	0.2 J	NR	0.13 J	0.16 J	0.22 J
Vanadium	NS	NS	43.4	NR	21.7	27.3	29
Zinc	**109**	10,000	55.9 JL	NR	**126**	**196**	24.8

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A4-1_3-5_20250520	SRI-A4-1_3-5_20250520	SRI-A4-2_3-5_20250520	SRI-A4-3_3-5_20250521	SRI-X-5_3-5_20250521
		Laboratory Sample ID	460-327049-32	460-327049-32	460-327049-34	460-326874-3	460-326874-6
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/21/2025	5/21/2025
		Dilution Factor	1	10	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	10,100	NR	7,800	8,180	10,800
Antimony	NS	NS	0.84 U	NR	1.6	0.2 J	0.18 J
Arsenic	13	16	0.56 J	NR	7	2.9	3.6
Barium	**350**	400	8.6	NR	**502**	151	85.9
Beryllium	7.2	72	0.62	NR	0.38	0.41	0.53
Cadmium	**2.5**	4.3	0.84 U	NR	0.68 J	0.39 J	0.26 J
Calcium	NS	NS	NR	157,000	52,900	32,800	31,700
Chromium, Total	NS	NS	13.6	NR	18.1	16.2	18.3
Cobalt	NS	NS	5.4	NR	5.4	5.6	6.8
Copper	**50**	270	11.1	NR	26.7	28.1	22.7
Iron	NS	NS	12,300	NR	15,200	12,800	16,500
Lead	**63**	400	2.9	NR	**665**	**151**	**118**
Magnesium	NS	NS	7,980	NR	7,580	9,870	10,900
Manganese	1,600	2,000	293	NR	291	267	261
Mercury	**0.18**	0.81	**0.26**	NR	**0.35**	**0.19**	**0.26**
Nickel	**30**	310	12.6	NR	13.6	12.7	15.8
Potassium	NS	NS	1,040	NR	1,690	1,680	1,380
Selenium	3.9	180	1.1 U	NR	0.46 J	0.18 J	0.17 J
Silver	2	180	0.34 U	NR	0.12 J	0.1 J	0.39 U
Sodium	NS	NS	1,040	NR	563	450	514
Thallium	NS	NS	0.087 J	NR	0.18 J	0.12 J	0.12 J
Vanadium	NS	NS	17.1	NR	24.7	22.9	23.3
Zinc	**109**	10,000	22.7	NR	**345**	**168**	**122**

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-A4-3_8-10_20250521	SRI-A4-3_10-12_20250521	SRI-A4-4_3-5_20250521	SRI-A4-4_6-8_20250521	SRI-B1-1_3-5_20250519
		Laboratory Sample ID	460-326874-4	460-326874-5	460-326874-1	460-326874-2	460-326755-17
		Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/19/2025
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	12,900	11,100	8,030	3,300	6,970
Antimony	NS	NS	1.1 UJ	0.26 J	0.34 J	0.26 J	0.4 J
Arsenic	13	16	2.5	3.5	4.2	3.4	4.2
Barium	**350**	400	157	186	276	132	**1,630 J**
Beryllium	7.2	72	0.72	0.51	0.38 J	0.18 J	0.31 J
Cadmium	**2.5**	4.3	0.24 J	0.44 J	0.51 J	0.42 J	1 J
Calcium	NS	NS	66,500	45,500	21,100	49,900	32,100
Chromium, Total	NS	NS	22 JL	19.1	23.8	14.4	13.9 JK
Cobalt	NS	NS	6.7	6.5	5.9	2.7	4.5
Copper	**50**	270	23.8 JK	42.3	29	21.3	11.4
Iron	NS	NS	17,100	15,600	14,000	6,890	10,100
Lead	**63**	400	**205**	**265**	**335**	**255**	NR
Magnesium	NS	NS	13,100	11,100	11,300	3,360	2,450
Manganese	1,600	2,000	315	281	269	148	172
Mercury	**0.18**	0.81	0.13	0.11	**0.22**	**0.27**	**0.33**
Nickel	**30**	310	15.2	15.5	19	11.5	9.7
Potassium	NS	NS	1,920	2,000	1,620	723	862
Selenium	3.9	180	0.19 J	0.14 J	0.22 J	1.3 U	0.17 J
Silver	2	180	0.46 U	0.38 U	0.097 J	0.41 U	0.35 U
Sodium	NS	NS	978 JL	712	292	173	98.2
Thallium	NS	NS	0.16 J	0.15 J	0.13 J	0.079 J	0.053 J
Vanadium	NS	NS	29.6 JL	28.7	24.3	9.6	14.4
Zinc	**109**	10,000	**130 JK**	**181**	**202**	**288**	**997 J**

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B1-1_3-5_20250519	SRI-B1-2_3-5_20250519	SRI-B1-2_5-7_20250519	SRI-B1-2_13-15_20250519	SRI-X-1_13-15_20250519
		Laboratory Sample ID	460-326755-17	460-326755-13	460-326755-14	460-326755-15	460-326755-12
		Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	5	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	12,100	9,510	10,100	9,950
Antimony	NS	NS	NR	0.26 J	0.14 J	0.84 U	0.83 U
Arsenic	13	16	NR	1.8	1.6	1.3	1.3 JL
Barium	**350**	400	NR	115	89.9	74.3	90.3
Beryllium	7.2	72	NR	0.72	0.57	0.49	0.42
Cadmium	**2.5**	4.3	NR	0.24 J	0.1 J	0.84 U	0.83 U
Calcium	NS	NS	NR	13,300	25,800	1,850	1,550
Chromium, Total	NS	NS	NR	28.7	35	25.5	23.3 JL
Cobalt	NS	NS	NR	11.8	8.8	7.4	6.4
Copper	**50**	270	NR	23.5	17.4	18.2	19
Iron	NS	NS	NR	29,700	23,900	16,000	16,100
Lead	**63**	400	**709 J**	**80.4**	25.9	4.9	4.6 JL
Magnesium	NS	NS	NR	9,520	10,400	4,510	3,550
Manganese	1,600	2,000	NR	430	422	168	156 JL
Mercury	**0.18**	0.81	NR	0.014 J	0.026	0.017 U	0.018 U
Nickel	**30**	310	NR	24.8	18.3	18.5	17.2
Potassium	NS	NS	NR	5,350	3,360	1,900	1,990
Selenium	3.9	180	NR	1.1 U	1.1 U	1.1 U	1 U
Silver	2	180	NR	0.34 U	0.34 U	0.34 U	0.33 U
Sodium	NS	NS	NR	220	250	290	236 JL
Thallium	NS	NS	NR	0.3 J	0.19 J	0.13 J	0.13 J
Vanadium	NS	NS	NR	46.9	35.8	29.7	28.3
Zinc	**109**	10,000	NR	106	69.1	32.6	29.4 JL

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B1-3_3-5_20250519	SRI-B1-3_3-5_20250519	SRI-B1-3_5-7_20250519	SRI-B1-3_13-15_20250519	SRI-B1-3_13-15_20250519
		Laboratory Sample ID	460-326755-19	460-326755-19	460-326755-20	460-326755-21	460-326755-21
		Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	10	1	1	2
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	18,400	NR	11,700	13,700	NR
Antimony	NS	NS	0.88 U	NR	0.85 U	0.9 U	NR
Arsenic	13	16	0.82 J	NR	2.6	1.2	NR
Barium	**350**	400	177	NR	59.5	160	NR
Beryllium	7.2	72	3.7	NR	0.34	1.4	NR
Cadmium	**2.5**	4.3	0.88 U	NR	0.85 U	0.9 U	NR
Calcium	NS	NS	1,350	NR	768	4,430	NR
Chromium, Total	NS	NS	30.7	NR	18.5	40.8	NR
Cobalt	NS	NS	24.1	NR	7.1	15.9	NR
Copper	**50**	270	8.2	NR	**72.5**	13.3	NR
Iron	NS	NS	NR	81,900	21,700	NR	48,800
Lead	**63**	400	17	NR	5.5	11.8	NR
Magnesium	NS	NS	6,490	NR	3,710	7,540	NR
Manganese	1,600	2,000	681	NR	593	314	NR
Mercury	**0.18**	0.81	0.019 U	NR	0.018 U	0.018 U	NR
Nickel	**30**	310	**53.8**	NR	15.2	**34.1**	NR
Potassium	NS	NS	9,420	NR	2,140	8,080	NR
Selenium	3.9	180	1.1 U	NR	1.1 U	1.1 U	NR
Silver	2	180	0.35 U	NR	0.34 U	0.36 U	NR
Sodium	NS	NS	132	NR	56.1 J	152	NR
Thallium	NS	NS	0.96	NR	0.12 J	0.52	NR
Vanadium	NS	NS	65.1	NR	25.2	59.4	NR
Zinc	**109**	10,000	**210**	NR	38.8	**115**	NR

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B1-4_3-5_20250519	SRI-X-2_3-5_20250519	SRI-B1-4_5-7_20250519	SRI-B1-4_13-15_20250519	SRI-B1-4_13-15_20250519
		Laboratory Sample ID	460-326755-22	460-326755-18	460-326755-23	460-326755-24	460-326755-24
		Date Sampled	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
		Dilution Factor	1	1	1	1	2
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	12,100	10,600	12,000	4,640	NR
Antimony	NS	NS	0.43 J	0.27 J	0.3 J	0.92 U	NR
Arsenic	13	16	4.1	2.9	3	0.92	NR
Barium	**350**	400	84.8	69.5	79.3	23.1	NR
Beryllium	7.2	72	0.64	0.53	0.53	3.2	NR
Cadmium	**2.5**	4.3	0.4 J	0.22 J	0.29 J	0.92 U	NR
Calcium	NS	NS	6,970	8,950	8,100	1,180	NR
Chromium, Total	NS	NS	23.5	17.9	18.6	48	NR
Cobalt	NS	NS	8.2	6.8	8.4	7.3	NR
Copper	**50**	270	22.9	18.1	20	38	NR
Iron	NS	NS	25,300	17,100	18,100	NR	52,900
Lead	**63**	400	**121**	56.1	**63.8**	21.6	NR
Magnesium	NS	NS	4,530	5,190	5,770	198	NR
Manganese	1,600	2,000	372	425	556	446	NR
Mercury	**0.18**	0.81	0.069	0.056	0.093	0.02 U	NR
Nickel	**30**	310	18.2	15.1	17.3	**30.8**	NR
Potassium	NS	NS	1,600	1,620	1,820	94.5	NR
Selenium	3.9	180	0.25 J	0.13 J	0.11 J	1.1 U	NR
Silver	2	180	0.37 U	0.35 U	0.34 U	0.37 U	NR
Sodium	NS	NS	152	155	139	183	NR
Thallium	NS	NS	0.14 J	0.13 J	0.15 J	0.37 U	NR
Vanadium	NS	NS	33.9	25.5	26.4	47.5	NR
Zinc	**109**	10,000	**227 J**	79.8 J	91.4	78.6	NR

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B2-2_3-5_20250520	SRI-B2-2_8-10_20250520	SRI-B2-2_13-15_20250520	SRI-B2-2_13-15_20250520	SRI-B3-1_3-5_20250521
		Laboratory Sample ID	460-327049-5	460-327049-6	460-327049-7	460-327049-7	460-326874-15
		Date Sampled	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/21/2025
		Dilution Factor	1	1	1	5	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,220	13,800	19,800	NR	20,600
Antimony	NS	NS	3.9	7.7	0.86 U	NR	1.1 U
Arsenic	13	16	3.2	5.6	0.61 J	NR	0.98 J
Barium	**350**	400	47.7	203	10.2	NR	24.8
Beryllium	7.2	72	0.38	0.93	1	NR	1.2
Cadmium	**2.5**	4.3	0.16 J	**4.5**	0.23 J	NR	1.1 U
Calcium	NS	NS	34,700	52,300	NR	165,000	9,400
Chromium, Total	NS	NS	15.8	62.7	34.4	NR	30.2
Cobalt	NS	NS	4.4	10.1	6	NR	7.5
Copper	**50**	270	26.4	**163**	18.5	NR	12
Iron	NS	NS	12,600	18,800	17,100	NR	23,400
Lead	**63**	400	59.4	**1,030**	23.3	NR	5.5
Magnesium	NS	NS	4,800	15,400	13,000	NR	16,100
Manganese	1,600	2,000	166	185	218	NR	425
Mercury	**0.18**	0.81	0.057	**0.22**	0.019 U	NR	0.018 U
Nickel	**30**	310	9.5	**43.8**	13.1	NR	21.6
Potassium	NS	NS	991	1,720	828	NR	1,470
Selenium	3.9	180	0.13 J	0.53 J	1.1 U	NR	1.3 U
Silver	2	180	0.33 U	0.82	0.34 U	NR	0.42 U
Sodium	NS	NS	382	537	1,670	NR	3,000
Thallium	NS	NS	0.049 J	0.13 J	0.13 J	NR	0.3 J
Vanadium	NS	NS	27.6	55.5	32.3	NR	37.9
Zinc	**109**	10,000	78.9	**1,040**	70.1	NR	50.8

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B3-1_5-7_20250521	SRI-B3-2B_8-10_20250521	SRI-B3-2B_12-14_20250521	SRI-B3-2C_3-5_20250521	SRI-B3-3_8-10_20250521
		Laboratory Sample ID	460-326874-16	460-326874-11	460-326874-12	460-326874-20	460-326874-13
		Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	18,700	10,600	9,950	7,570	8,820
Antimony	NS	NS	0.97 U	0.98 U	1 U	1.4	1 U
Arsenic	13	16	0.88 J	0.92 J	1	4.3	0.97 J
Barium	**350**	400	11.6	65.2	60.8	**380**	68.6
Beryllium	7.2	72	1.4	0.66	0.53	0.37 J	0.38 J
Cadmium	**2.5**	4.3	0.97 U	0.98 U	0.15 J	1	1 U
Calcium	NS	NS	81,900	1,680	1,800	25,400	1,360
Chromium, Total	NS	NS	22.5	19.5	22.5	19.1	17.5
Cobalt	NS	NS	7	8.7	9.3	5.5	5.8
Copper	**50**	270	15.1	19	18.9	43.2	17.7
Iron	NS	NS	18,400	17,800	17,400	13,400	12,900
Lead	**63**	400	4.9	4.8	4.8	**608**	3.7
Magnesium	NS	NS	10,500	6,540	6,570	8,530	3,270
Manganese	1,600	2,000	386	325	377	225	344
Mercury	**0.18**	0.81	0.017 U	0.019 U	0.017 U	**0.6**	0.017 U
Nickel	**30**	310	16.9	18.7	19.5	14.2	14.8
Potassium	NS	NS	840	2,910	2,700	1,310	1,430
Selenium	3.9	180	1.2 U	1.2 U	1.3 U	0.22 J	1.3 U
Silver	2	180	0.39 U	0.39 U	0.4 U	0.16 J	0.41 U
Sodium	NS	NS	2,260	229	281	166	268
Thallium	NS	NS	0.19 J	0.22 J	0.21 J	0.11 J	0.1 J
Vanadium	NS	NS	30.7	26.6	27.4	20.5	21.3
Zinc	**109**	10,000	35.2	**121**	86.4	**385**	28.4

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B3-3_13-15_20250521	SRI-B3-3B_3-5_20250521	SRI-B3-4_3-5_20250521	SRI-B3-4_3-5_20250521	SRI-B3-4_6-8_20250521
		Laboratory Sample ID	460-326874-14	460-326874-21	460-326874-8	460-326874-8	460-326874-9
		Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/21/2025
		Dilution Factor	1	1	1	60	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,400	13,900	11,300	NR	11,700
Antimony	NS	NS	0.91 U	1.1 U	0.49 J	NR	1.1 U
Arsenic	13	16	0.56 J	3.5	3.2	NR	2.8
Barium	**350**	400	66.5	63.6	129	NR	59.6
Beryllium	7.2	72	0.28 J	0.58	0.58	NR	0.37 J
Cadmium	**2.5**	4.3	0.91 U	1.1 U	1.1 U	NR	1.1 U
Calcium	NS	NS	5,710	1,230	18,500	NR	947
Chromium, Total	NS	NS	12.9	18.4	16.3	NR	15.4
Cobalt	NS	NS	6.1	8.3	6	NR	8
Copper	**50**	270	13.3	13.4	14.4	NR	8.9
Iron	NS	NS	12,100	20,500	14,300	NR	18,100
Lead	**63**	400	3.9	18.1	60.8	NR	7.9
Magnesium	NS	NS	5,900	4,770	6,140	NR	2,760
Manganese	1,600	2,000	187	422	373	NR	666
Mercury	**0.18**	0.81	0.017 U	0.12	NR	**43.2**	0.017 J
Nickel	**30**	310	12.3	16.9	13	NR	11.2
Potassium	NS	NS	2,800	950	887	NR	691
Selenium	3.9	180	1.1 U	0.18 J	0.28 J	NR	0.22 J
Silver	2	180	0.37 U	0.44 U	0.11 J	NR	0.43 U
Sodium	NS	NS	226	237	218	NR	89 J
Thallium	NS	NS	0.13 J	0.12 J	0.12 J	NR	0.081 J
Vanadium	NS	NS	20	25.9	21.5	NR	19.7
Zinc	**109**	10,000	29.1	55.3	44.3	NR	37.2

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B3-4_13-15_20250521	SRI-B4-1A_3-5_20250521	SRI-B4-1A_8-10_20250521	SRI-B4-1A_13-15_20250521	SRI-B4-1B_15-17_20250522
		Laboratory Sample ID	460-326874-10	460-326874-17	460-326874-18	460-326874-19	460-327318-7
		Date Sampled	5/21/2025	5/21/2025	5/21/2025	5/21/2025	5/22/2025
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,330	9,160	14,100	5,730	3,390
Antimony	NS	NS	1 U	1 U	1 U	1.1 U	0.13 J
Arsenic	13	16	0.54 J	3.9	2.8	2.8	0.9
Barium	**350**	400	55.1	166	65.4	152	93.3
Beryllium	7.2	72	0.27 J	0.53	0.71	0.29 J	0.1 J
Cadmium	**2.5**	4.3	1 U	0.36 J	1 U	0.35 J	0.1 J
Calcium	NS	NS	22,700	44,000	2,170	31,300	4,370
Chromium, Total	NS	NS	12.4	17.4	19.3	11.1	5.9
Cobalt	NS	NS	6.9	6.4	7.6	5.5	1.9
Copper	**50**	270	17.2	24	14	34.6	6.3
Iron	NS	NS	12,400	16,400	19,300	13,200	6,080
Lead	**63**	400	4	**244**	34.2	**200**	56
Magnesium	NS	NS	14,100	14,500	5,010	11,700	2,530
Manganese	1,600	2,000	162	342	461	337	86.8
Mercury	**0.18**	0.81	0.017 U	**0.26**	0.028	0.14	0.019
Nickel	**30**	310	12.7	14.3	16	10	3.7
Potassium	NS	NS	2,360	1,780	672	1,220	1,300
Selenium	3.9	180	1.3 U	0.16 J	1.3 U	1.3 U	1 U
Silver	2	180	0.41 U	0.41 U	0.42 U	0.42 U	0.32 U
Sodium	NS	NS	350	274	665	244	69.9 J
Thallium	NS	NS	0.13 J	0.16 J	0.14 J	0.096 J	0.063 J
Vanadium	NS	NS	20	27.4	25.5	19.7	8.7
Zinc	**109**	10,000	31	**159**	55	**164**	54.6

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B4-2A_3-5_20250522	SRI-B4-2A_8-10_20250522	SRI-B4-2A_11-13_20250522	SRI-B4-3_3-5_20250522	SRI-B4-3_8-10_20250522
		Laboratory Sample ID	460-327318-4	460-327318-5	460-327318-6	460-327318-8	460-327318-9
		Date Sampled	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,150	1,590	1,400	7,680	4,330
Antimony	NS	NS	0.52 J	0.17 J	0.12 J	0.33 J	0.69 J
Arsenic	13	16	2.8	1.3	0.86	3	4.7
Barium	**350**	400	180	23.1	26.9	199	150
Beryllium	7.2	72	0.3 J	0.068 J	0.072 J	0.37	0.25 J
Cadmium	**2.5**	4.3	0.32 J	0.82 U	0.81 U	0.33 J	0.43 J
Calcium	NS	NS	19,600	10,800	3,570	65,900	NR
Chromium, Total	NS	NS	12.5	10.2	6.6	17.3	13.9
Cobalt	NS	NS	4.6	1.1 J	1 J	5.6	5.4
Copper	**50**	270	18.5	10.5	5.5	19.5	**60.4**
Iron	NS	NS	10,900	2,920	3,880	14,400	11,300
Lead	**63**	400	**248**	26.7	29.4	**270**	**503**
Magnesium	NS	NS	7,620	1,200	1,220	8,180	38,500
Manganese	1,600	2,000	181	53.3	40.7	310	232
Mercury	**0.18**	0.81	0.077	0.0082 J	0.016 U	0.12	0.15
Nickel	**30**	310	10.6	4.6	2.5	12.9	8.1
Potassium	NS	NS	1,020	152	200	1,390	671
Selenium	3.9	180	0.12 J	1 U	1 U	1.1 U	0.17 J
Silver	2	180	0.35 U	0.33 U	0.32 U	0.36 U	0.094 J
Sodium	NS	NS	178	77.3 J	46.4 J	211	333
Thallium	NS	NS	0.087 J	0.33 U	0.32 U	0.12 J	0.079 J
Vanadium	NS	NS	25.1	5.7	7.1	22.2	18.8
Zinc	**109**	10,000	**157**	45.4	32.8	**156**	**112**

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-B4-3_8-10_20250522	SRI-B4-3_13-15_20250522	SRI-B4-4_3-5_20250522	SRI-B4-4_8-10_20250522	SRI-B4-4_13-15_20250522
		Laboratory Sample ID	460-327318-9	460-327318-10	460-327318-1	460-327318-2	460-327318-3
		Date Sampled	5/22/2025	5/22/2025	5/22/2025	5/22/2025	5/22/2025
		Dilution Factor	5	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	4,620	7,460	5,380	8,160
Antimony	NS	NS	NR	0.81 U	0.34 J	0.28 J	0.85 U
Arsenic	13	16	NR	0.49 J	2.7	12.7	0.9
Barium	**350**	400	NR	40.9	145	20	79.7
Beryllium	7.2	72	NR	0.19 J	0.34	0.37	0.35
Cadmium	**2.5**	4.3	NR	0.81 U	0.26 J	0.9 U	0.85 U
Calcium	NS	NS	93,000	38,100	11,900	803	40,500
Chromium, Total	NS	NS	NR	10.2	13.3	9.5	16.9
Cobalt	NS	NS	NR	3.9	5.7	5.3	7.7
Copper	**50**	270	NR	10.1	31.8	15.3	20.2
Iron	NS	NS	NR	9,490	16,100	22,800	19,200
Lead	**63**	400	NR	4.8	**243**	5.3	5.2
Magnesium	NS	NS	NR	18,800	5,970	1,990	21,500
Manganese	1,600	2,000	NR	209	275	94.8	266
Mercury	**0.18**	0.81	NR	0.017 U	0.12	0.019 U	0.019 U
Nickel	**30**	310	NR	8.3	13.9	9.7	14.9
Potassium	NS	NS	NR	1,480	1,040	722	3,540
Selenium	3.9	180	NR	1 U	1.1 U	0.19 J	1.1 U
Silver	2	180	NR	0.32 U	0.34 U	0.36 U	0.34 U
Sodium	NS	NS	NR	191	185	116	199
Thallium	NS	NS	NR	0.078 J	0.081 J	0.042 J	0.21 J
Vanadium	NS	NS	NR	16	17.1	17.2	30
Zinc	**109**	10,000	NR	16.9	**117**	30.2	42

Table 5C
350 Grand Concourse
Bronx, NY
Supplemental Remedial Investigation
Soil Analytical Results of Metals

		AKRF Sample ID	SRI-FB-1_20250519	SRI-FB-2_20250519	SRI-FB-3_20250520	SRI-FB-4_20250520	SRI-FB-5_20250521
		Laboratory Sample ID	460-326755-9	460-326755-10	460-327049-36	460-327049-37	460-326874-7
		Date Sampled	5/19/2025	5/19/2025	5/20/2025	5/20/2025	5/21/2025
		Dilution Factor	1	1	1	1	1
		Unit	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	40 U	19.5 J	40 U	40 U	40 U
Antimony	NS	NS	2 U	2 U	2 U	2 U	2 U
Arsenic	13	16	2 U	2 U	2 U	2 U	2 U
Barium	**350**	400	4 U	4 U	4 U	4 U	4 U
Beryllium	7.2	72	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	**2.5**	4.3	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Calcium	NS	NS	500 U	500 U	500 U	500 U	500 U
Chromium, Total	NS	NS	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	NS	2 U	2 U	2 U	2 U	2 U
Copper	**50**	270	4 U	4 U	4 U	4 U	4 U
Iron	NS	NS	120 U	120 U	120 U	120 U	120 U
Lead	**63**	400	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	NS	NS	200 U	200 U	200 U	200 U	200 U
Manganese	1,600	2,000	8 U	8 U	8 U	8 U	8 U
Mercury	**0.18**	0.81	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	**30**	310	4 U	4 U	4 U	4 U	4 U
Potassium	NS	NS	200 U	200 U	200 U	200 U	200 U
Selenium	3.9	180	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Silver	2	180	2 U	2 U	2 U	2 U	2 U
Sodium	NS	NS	500 U	500 U	500 U	500 U	500 U
Thallium	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vanadium	NS	NS	4 U	4 U	4 U	4 U	4 U
Zinc	**109**	10,000	16 U	16 U	16 U	6.8 J	16 U

Tables 1-5
350 Grand Concourse
Bronx, NY
Remedial Investigation
Notes

DEFINITIONS

D : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

J : The concentration given is an estimated value.

L : Sample result is estimated and biased low.

K : Reported concentration value is proportional to dilution factor and may be exaggerated.

ND : The standard is a non-detectable concentration by the approved analytical method.

NR : Not reported.

NS : No standard.

R : Indicates the reported result is unusable (note: the analyte may or may not be present).

U : The analyte was not detected at the indicated concentration.

UJ : The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be innaccurate or imprecise.

mg/kg : milligrams per kilogram

ppb : parts per billion

ppt : parts per trillion

µg/L : micrograms per liter

µg/m^3 : micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Note: Endosulfans ABS represents the detected sum of Endosulfan I, Endosulfan II, and Endosulfan Sulfate.

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.
Exceedances of Part 375 Prote4ction of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted with an underline.

NYSDEC Part 375 PFAS Guidance Values : New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued January 2021.

Exceedances of NYSDEC PFAS Unrestricted Use Guidance Values (UUGVs) are highlighted in bold font.
Exceedances of NYSDEC PFAS Restricted Residential Guidance Values (RRGVs) are highlighted in gray shading.

NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

DUPLICATES

RI-MW-X_20220211 is a blind duplicate of sample RIMW-22_20220211
RI-SB-X_20220204 is a blind duplicate of sample RI-SB-16_0-2_20220204
RI-SB-X_20220203 is a blind duplicate of sample RI-SB-21_0-2_20220203
SRI-X-1_13-15_20250519 is a blind duplicate of sample SRI-B1-2_13-15_20250519
SRI-X-2_3-5_20250519 is a blind duplicate of sample SRI-B1-4_3-5_20250519
SRI-X-3_13-15_20250520 is a blind duplicate of sample SRI-A2-1_13-15_20250520
SRI-X-4_5-7_20250520 is a blind duplicate of sample SRI-A3-3_5-7_20250520
SRI-X-5_3-5_20250521 is a blind duplicate of sample SRI-A4-3_3-5_20250521
SRI-X-6_3-5_20250521 is a blind duplicate of sample SRI-B3-1_3-5_20250521
SRI-X-7_3-5_20250522 is a blind duplicate of sample SRI-A1-3B_3-5_20250522

APPENDIX E
SANBORN MAPS

DRAFT

350 Grand Concourse

350-370 Grand Concourse

Bronx, NY 10451

Inquiry Number: 7818191.3

November 11, 2024

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

11/11/24

Site Name:

350 Grand Concourse
350-370 Grand Concourse
Bronx, NY 10451
EDR Inquiry # 7818191.3

Client Name:

AKRF, Inc.
440 Park Avenue, South 7th Floor
New York, NY 10016
Contact: Mackenzie Miller

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AKRF, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 29B5-48DD-940C

PO # 240979

Project 350 Grand Concourse

Maps Provided:

2007	1996	1984	1944
2006	1995	1981	1935
2005	1994	1980	1928
2004	1993	1978	1922
2003	1992	1977	1908
2002	1991	1951	1891
2001	1989	1947	
1998	1986	1946	

Sanborn® Library search results

Certification #: 29B5-48DD-940C

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

AKRF, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

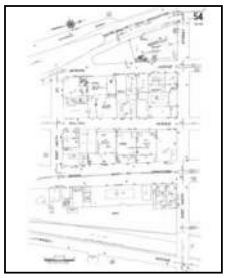
Copyright 2024 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets

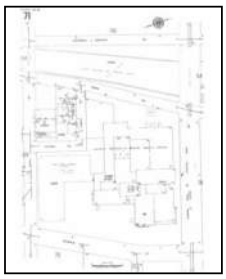


Volume 9N, Sheet 54
2007

Volume 9N, Sheet 68
2007

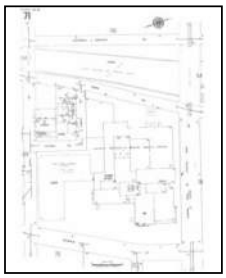
Volume 9N, Sheet 56
2007

Volume 9N, Sheet 53
2007



Volume 9N, Sheet 71
2007

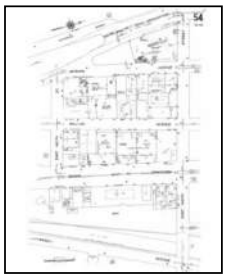
2006 Source Sheets



Volume 9N, Sheet 71
2006

Volume 9N, Sheet 56
2006

Volume 9N, Sheet 53
2006



Volume 9N, Sheet 54
2006

Volume 9N, Sheet 68
2006

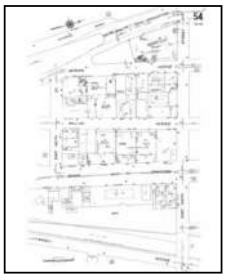
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

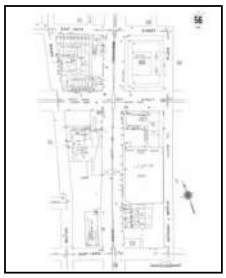
2005 Source Sheets

Volume 9N, Sheet 68
2005

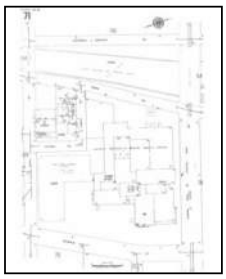
Volume 9N, Sheet 53
2005



Volume 9N, Sheet 54
2005



Volume 9N, Sheet 56
2005



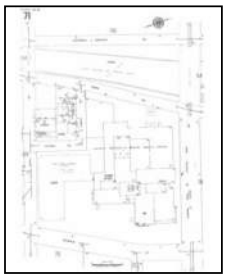
Volume 9N, Sheet 71
2005

2004 Source Sheets

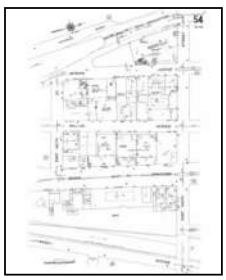
Volume 9N, Sheet 68
2004

Volume 9N, Sheet 56
2004

Volume 9N, Sheet 53
2004



Volume 9N, Sheet 71
2004

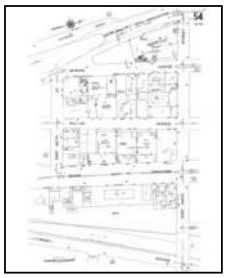


Volume 9N, Sheet 54
2004

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

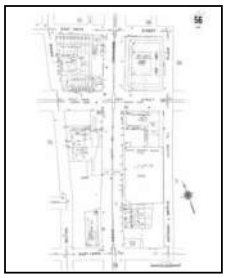
2003 Source Sheets



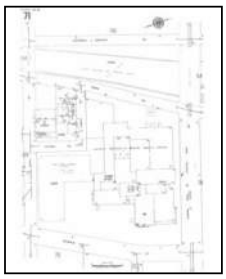
Volume 9N, Sheet 54
2003

Volume 9N, Sheet 68
2003

Volume 9N, Sheet 53
2003

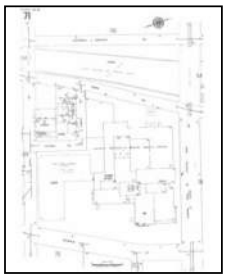


Volume 9N, Sheet 56
2003



Volume 9N, Sheet 71
2003

2002 Source Sheets

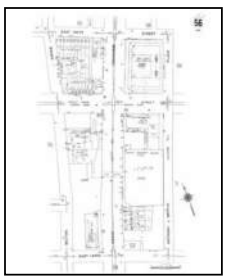


Volume 9N, Sheet 71
2002

Volume 9N, Sheet 54
2002

Volume 9N, Sheet 68
2002

Volume 9N, Sheet 53
2002

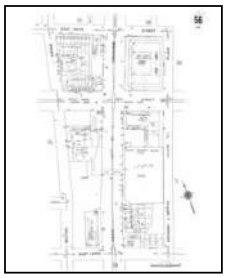


Volume 9N, Sheet 56
2002

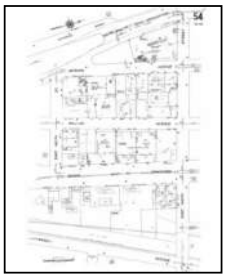
Sanborn Sheet Key

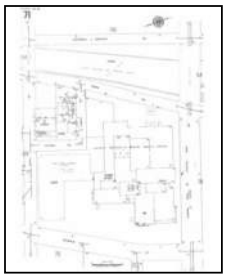
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

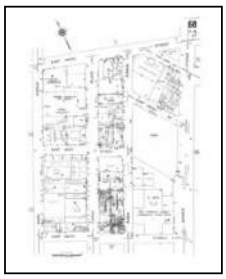
2001 Source Sheets


Volume 9N, Sheet 56
2001

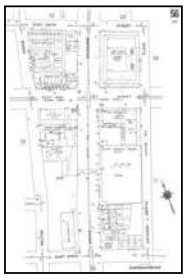
Volume 9N, Sheet 53
2001


Volume 9N, Sheet 54
2001


Volume 9N, Sheet 71
2001


Volume 9N, Sheet 68
2001

1998 Source Sheets


Volume 9N, Sheet 56
1998

Volume 9N, Sheet 71
1998

Volume 9N, Sheet 54
1998

Volume 9N, Sheet 53
1998

Volume 9N, Sheet 68
1998

1996 Source Sheets

Volume 9N, Sheet 56
1996

Volume 9N, Sheet 68
1996

Volume 9N, Sheet 53
1996

Volume 9N, Sheet 54
1996

Volume 9N, Sheet 71
1996

Sanborn Sheet Key

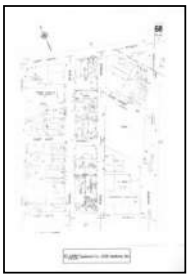
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1995 Source Sheets

Volume 9N, Sheet 56
1995

Volume 9N, Sheet 71
1995

Volume 9N, Sheet 54
1995

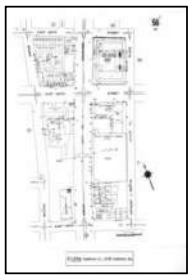

Volume 9N, Sheet 68
1995

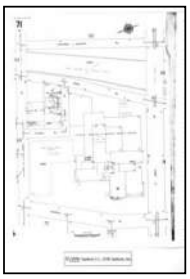
Volume 9N, Sheet 53
1995

1994 Source Sheets

Volume 9N, Sheet 68
1994

Volume 9N, Sheet 54
1994

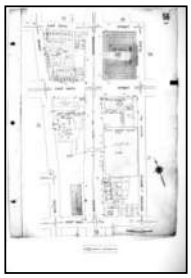

Volume 9N, Sheet 56
1994

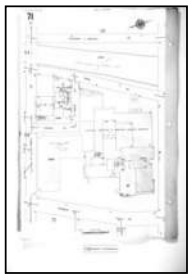

Volume 9N, Sheet 71
1994

Volume 9N, Sheet 53
1994

1993 Source Sheets

Volume 9N, Sheet 68
1993


Volume 9N, Sheet 56
1993


Volume 9N, Sheet 71
1993

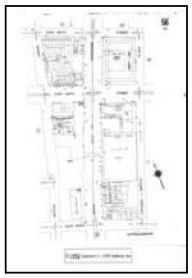
Volume 9N, Sheet 53
1993

Volume 9N, Sheet 54
1993

1992 Source Sheets

Volume 9N, Sheet 54
1992

Volume 9N, Sheet 68
1992


Volume 9N, Sheet 56
1992

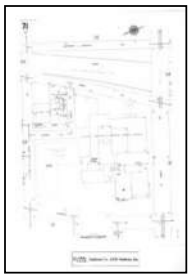
Volume 9N, Sheet 71
1992

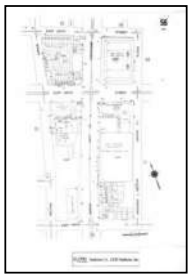
Volume 9N, Sheet 53
1992

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1991 Source Sheets


Volume 9N, Sheet 71
1991


Volume 9N, Sheet 56
1991

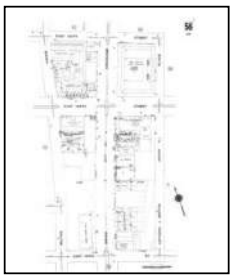
Volume 9N, Sheet 68
1991

Volume 9N, Sheet 53
1991

Volume 9N, Sheet 54
1991

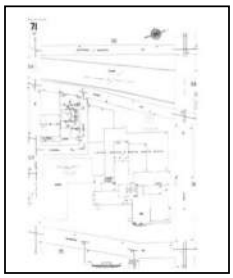
1989 Source Sheets

Volume 9N, Sheet 54
1989

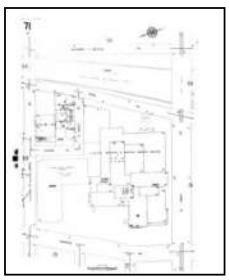

Volume 9N, Sheet 56
1989

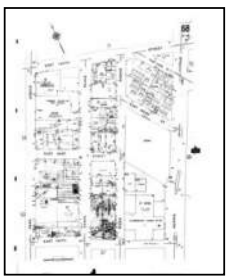
Volume 9N, Sheet 53
1989

Volume 9N, Sheet 68
1989

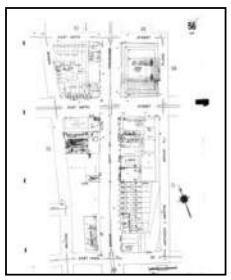

Volume 9N, Sheet 71
1989

1986 Source Sheets


Volume 9N, Sheet 71
1986


Volume 9N, Sheet 68
1986

Volume 9N, Sheet 54
1986


Volume 9N, Sheet 56
1986

Sanborn Sheet Key

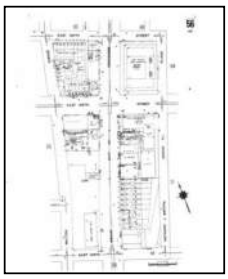
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1986 Source Sheets

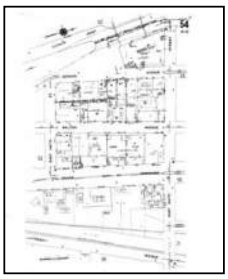
Volume 9N, Sheet 53
1986

1984 Source Sheets

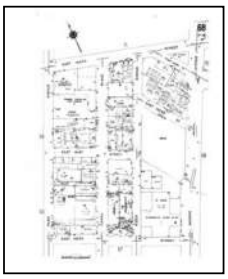
Volume 9N, Sheet 53
1984



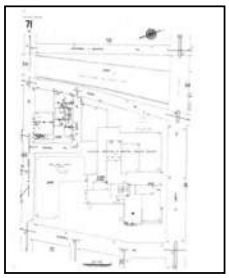
Volume 9N, Sheet 56
1984



Volume 9N, Sheet 54
1984



Volume 9N, Sheet 68
1984



Volume 9N, Sheet 71
1984

1981 Source Sheets

Volume 9N, Sheet 71
1981

Volume 9N, Sheet 71
1981

Volume 9N, Sheet 68
1981

Volume 9N, Sheet 53
1981

Volume 9N, Sheet 56
1981

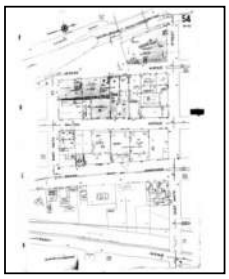
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1981 Source Sheets

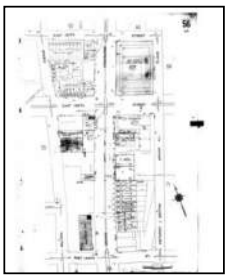
Volume 9N, Sheet 54
1981

1980 Source Sheets

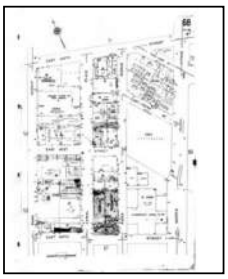


Volume 9N, Sheet 54
1980

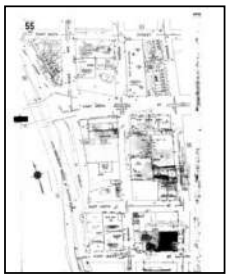
Volume 9N, Sheet 53
1980



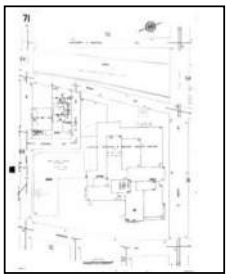
Volume 9N, Sheet 56
1980



Volume 9N, Sheet 68
1980

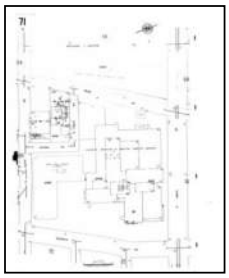


Volume 9N, Sheet 55
1980

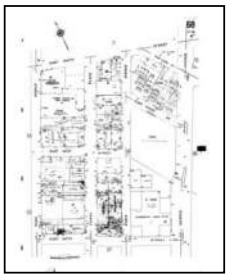


Volume 9N, Sheet 71
1980

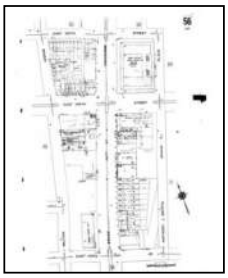
1978 Source Sheets



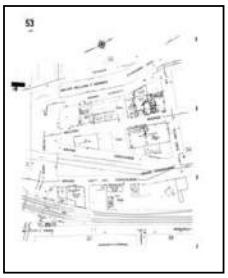
Volume 9N, Sheet 71
1978



Volume 9N, Sheet 68
1978



Volume 9N, Sheet 56
1978

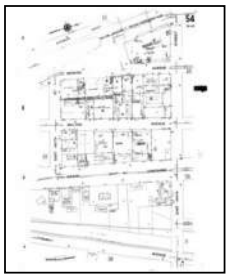


Volume 9N, Sheet 53
1978

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1978 Source Sheets



Volume 9N, Sheet 54
1978

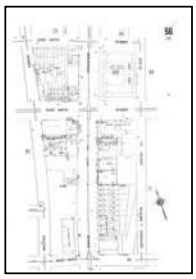
1977 Source Sheets

Volume 9N, Sheet 54
1977

Volume 9N, Sheet 53
1977

Volume 9N, Sheet 68
1977

Volume 9N, Sheet 71
1977

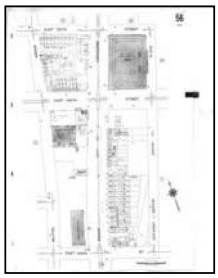


Volume 9N, Sheet 56
1977

1951 Source Sheets

Volume 9N, Sheet 71
1951

Volume 9N, Sheet 68
1951



Volume 9N, Sheet 56
1951

Volume 9N, Sheet 53
1951

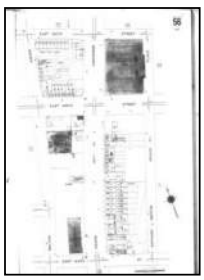
Volume 9N, Sheet 54
1951

1947 Source Sheets

Volume 9N, Sheet 54
1947

Volume 9N, Sheet 68
1947

Volume 9N, Sheet 53
1947



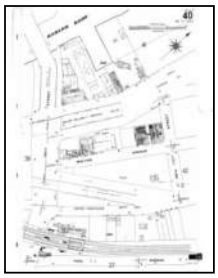
Volume 9N, Sheet 56
1947

Volume 9N, Sheet 71
1947

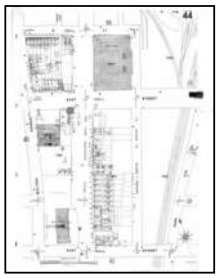
Sanborn Sheet Key

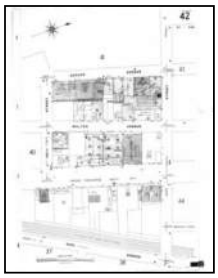
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1946 Source Sheets


Volume 9, Sheet 40
1946

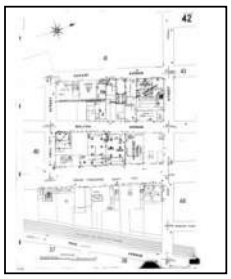
Volume 9, Sheet 38
1946

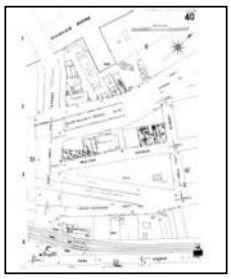

Volume 9, Sheet 44
1946


Volume 9, Sheet 42
1946

Volume 9, Sheet 37
1946

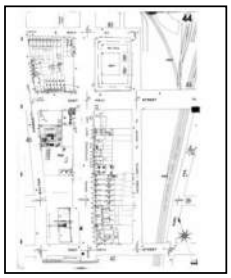
1944 Source Sheets


Volume 9, Sheet 42
1944


Volume 9, Sheet 40
1944

Volume 9, Sheet 37
1944

Volume 9, Sheet 38
1944


Volume 9, Sheet 44
1944

1935 Source Sheets

Volume 9, Sheet 37
1935

Volume 9, Sheet 44
1935

Volume 9, Sheet 42
1935

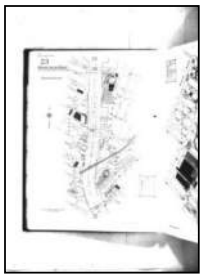
Volume 9, Sheet 38
1935

Volume 9, Sheet 40
1935

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1928 Source Sheets

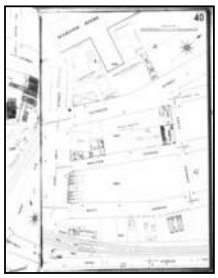


Volume Pier Maps, Sheet 23
1928

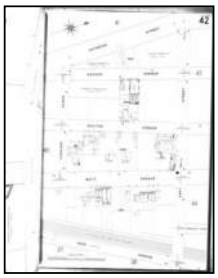
1922 Source Sheets

Volume Pier Maps, Sheet 23
1922

1908 Source Sheets



Volume 9, Sheet 40
1908



Volume 9, Sheet 42
1908

Volume 9, Sheet 38
1908

Volume 9, Sheet 37
1908

Volume 9, Sheet 44
1908

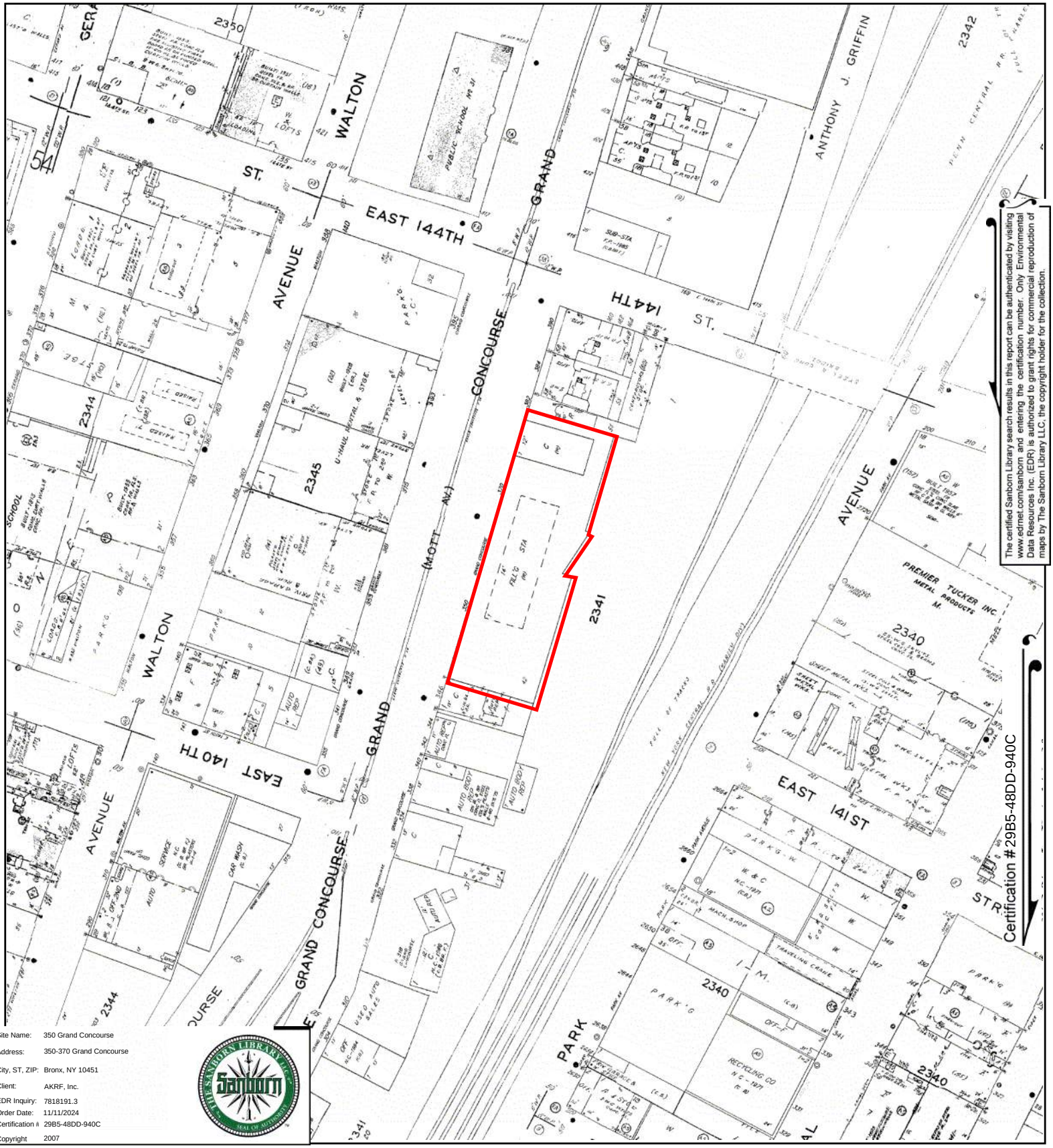
1891 Source Sheets

Volume 9, Sheet 194
1891

Volume 9, Sheet 204
1891

Volume 9, Sheet 205
1891

Volume 9, Sheet 194
1891

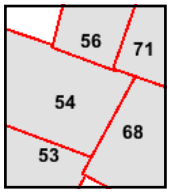


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	2007

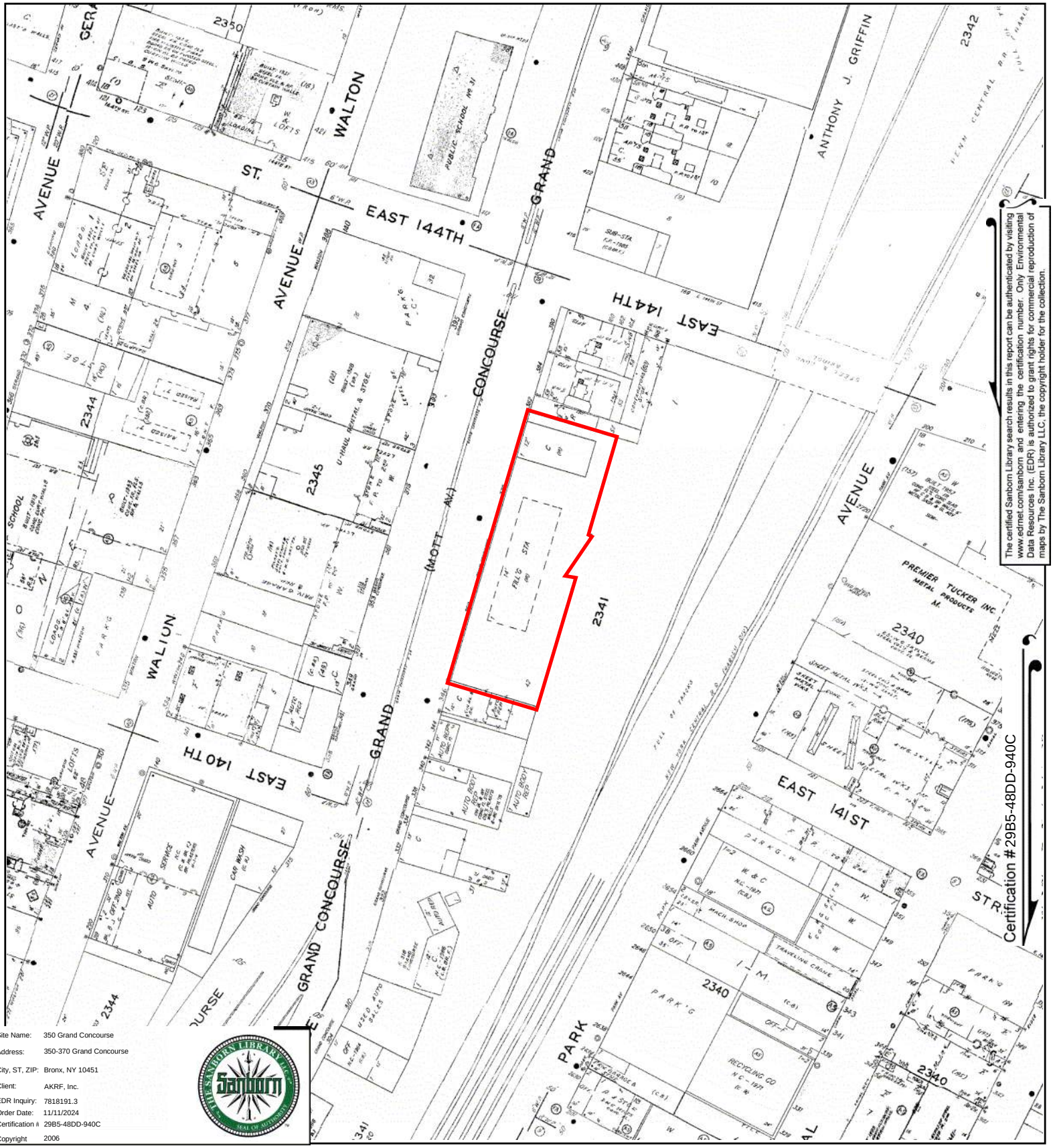
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 71
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 68
Volume 9N, Sheet 54

0 Feet 150 300 600

N

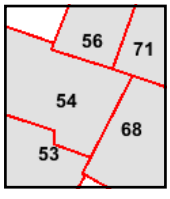


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	2006

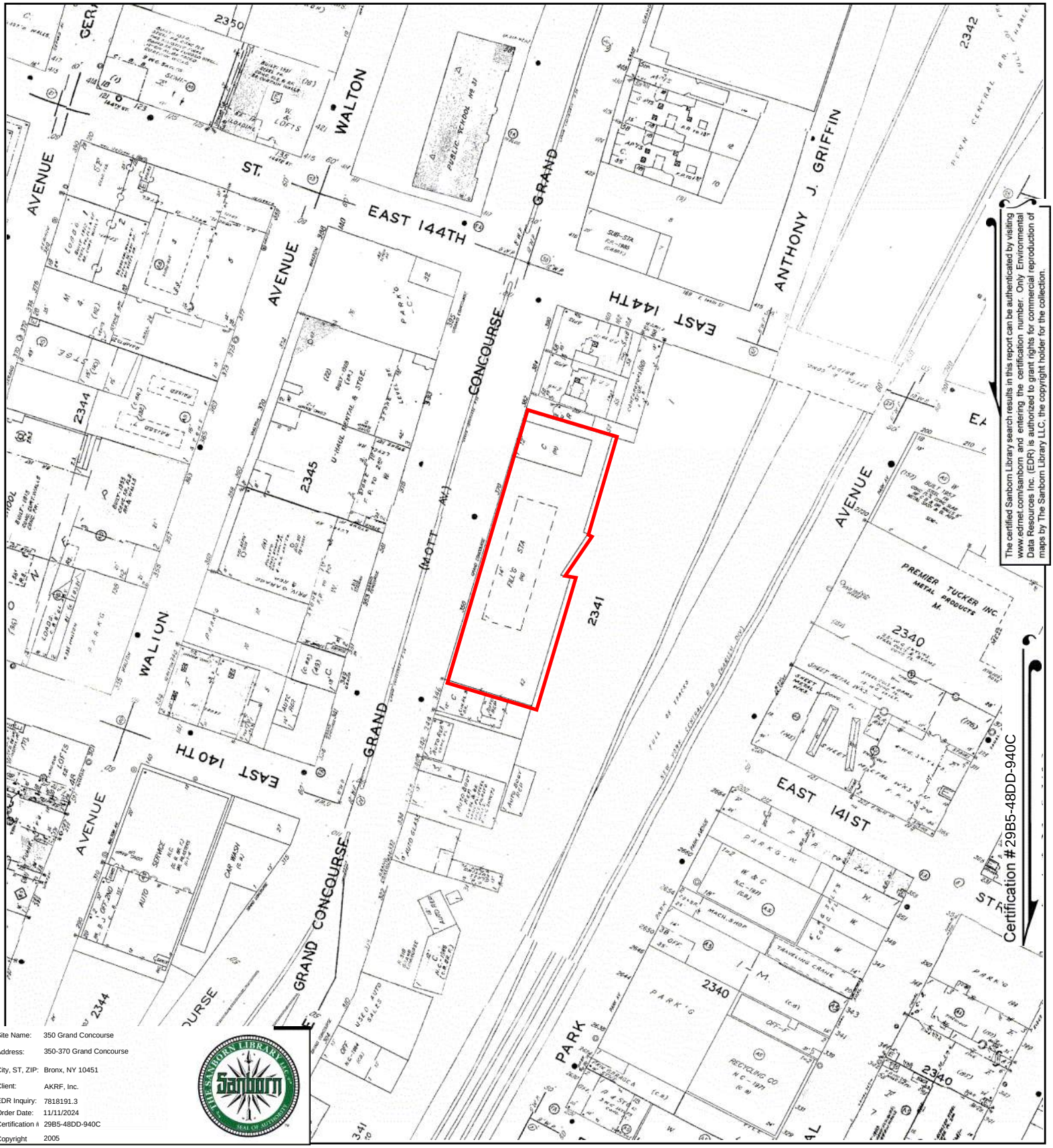
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 68
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 71

N



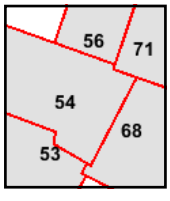
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	2005

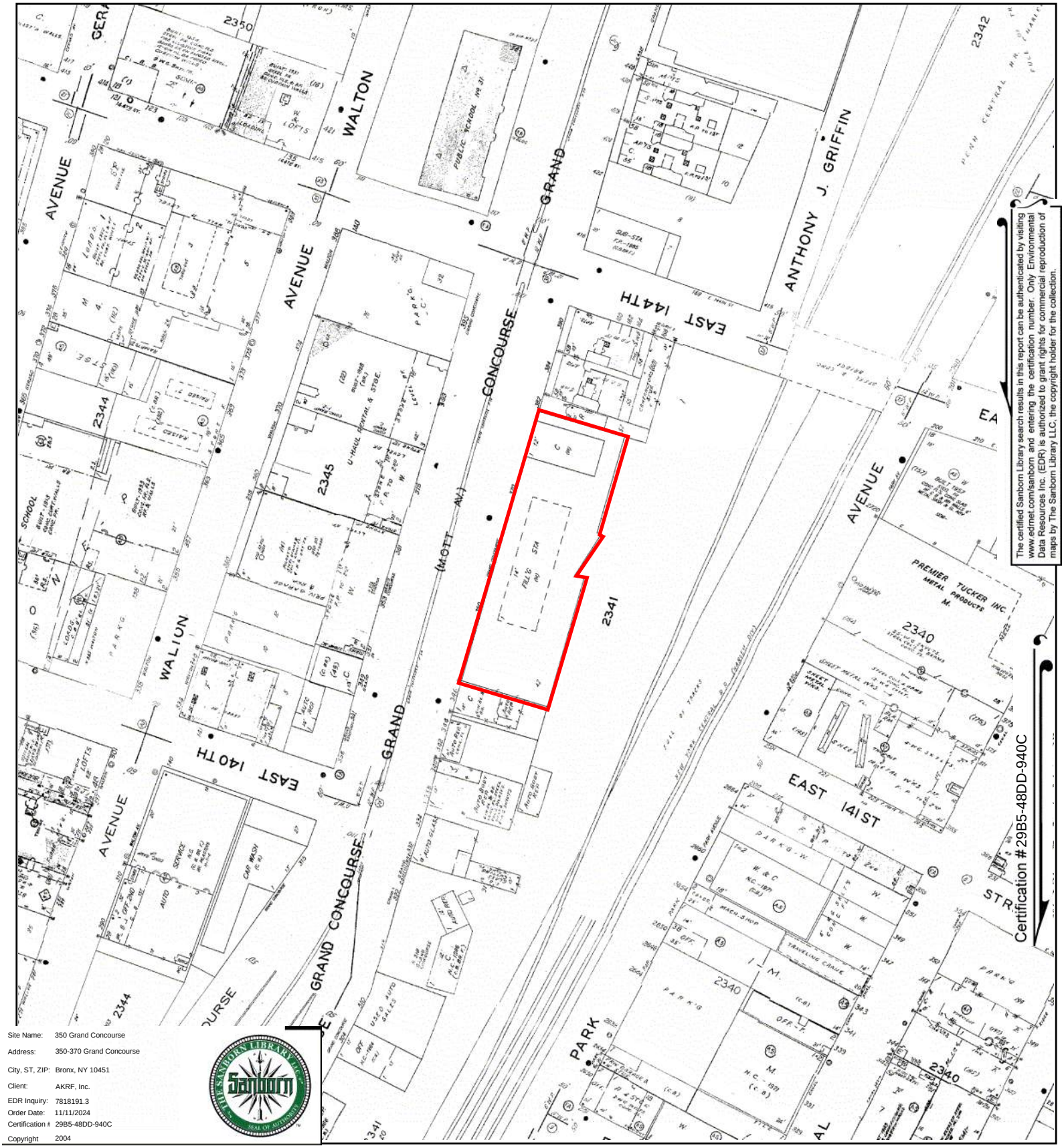
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 68

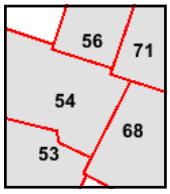
N



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	2004

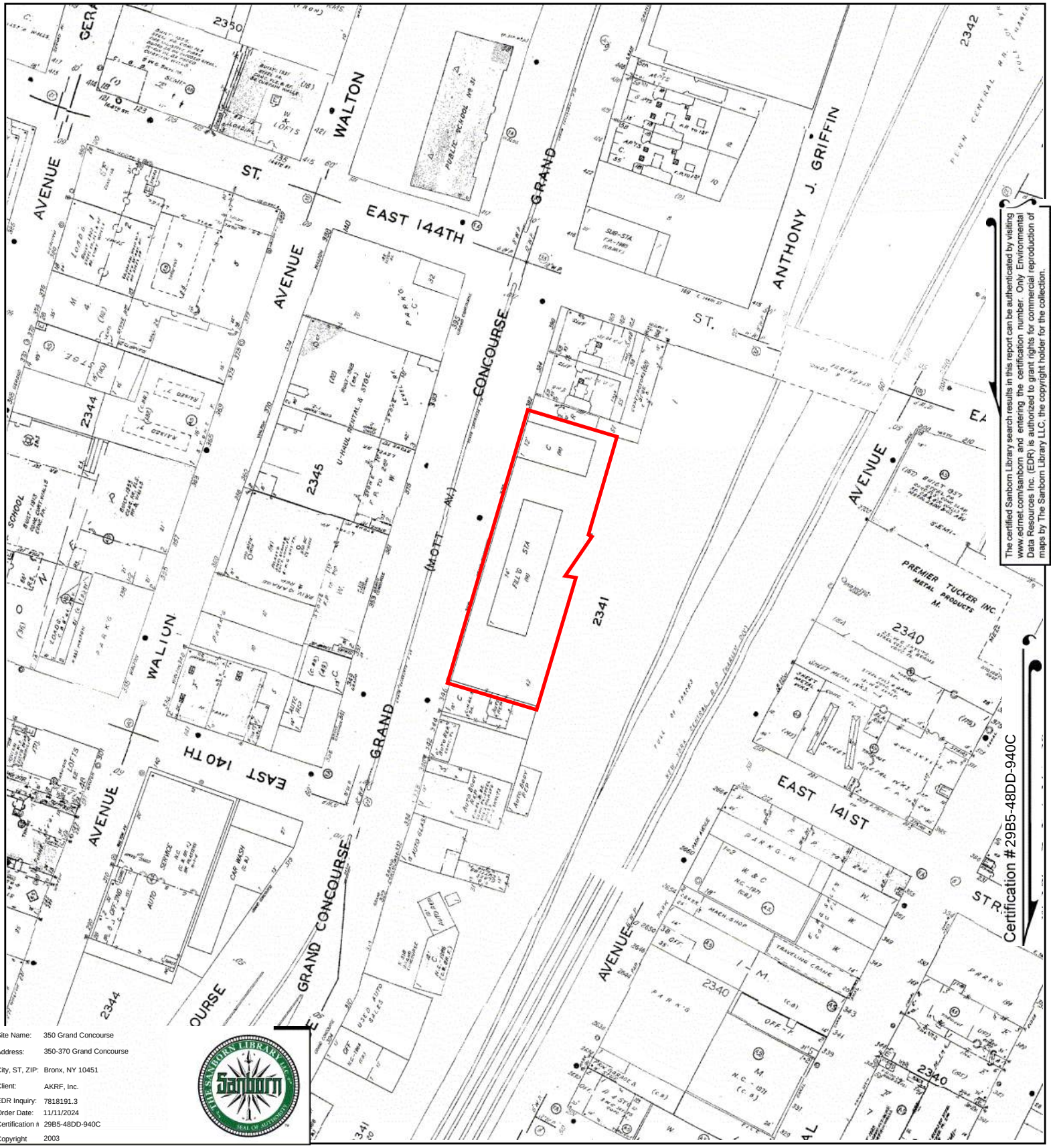
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 54
Volume 9N, Sheet 71
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 68

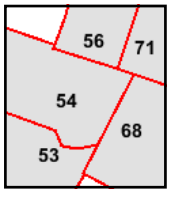
0 Feet 150 300 600

N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	2003

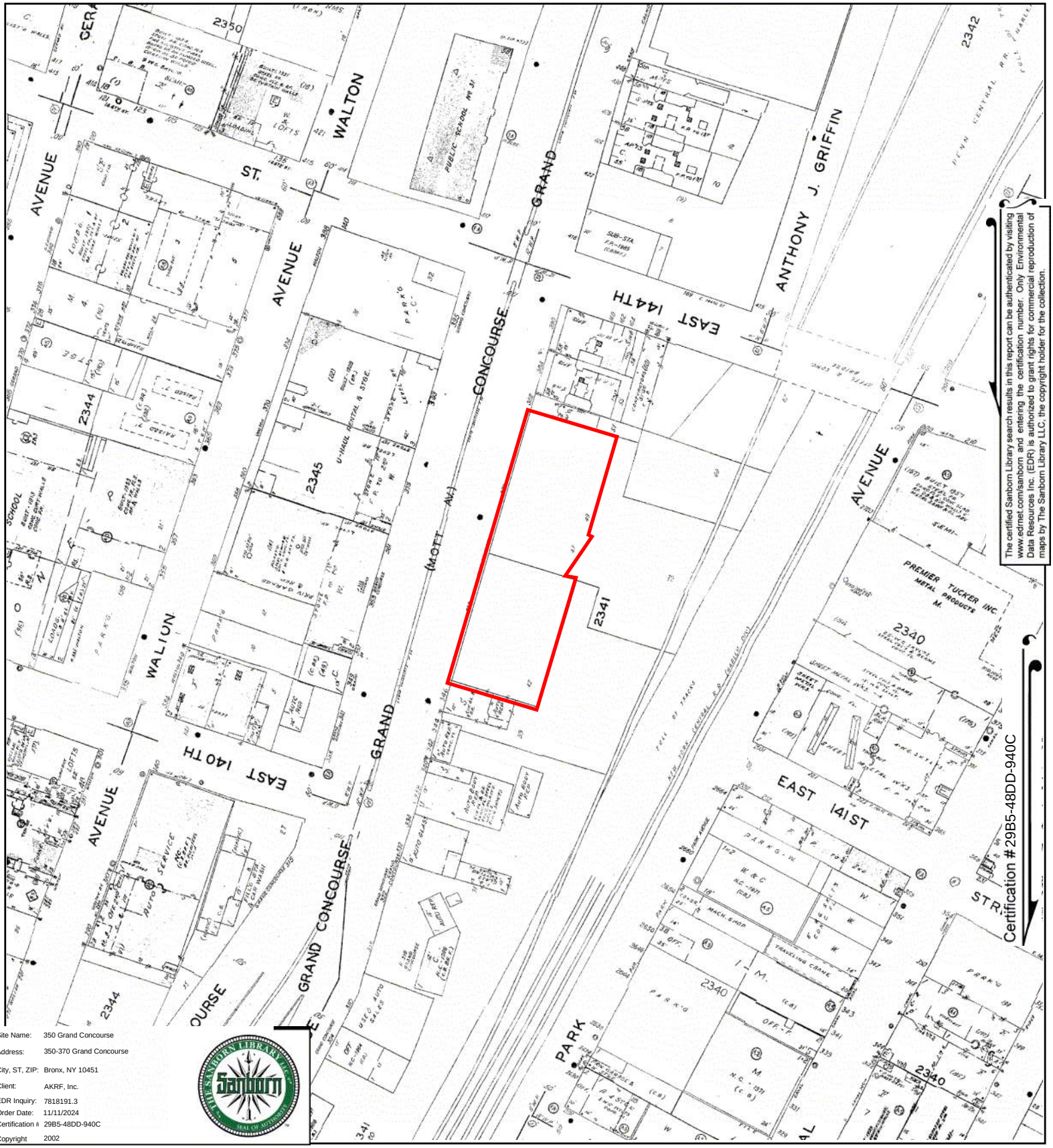
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 54

0 Feet 150 300 600

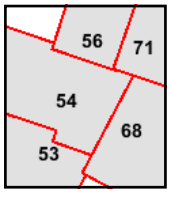
N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	2002

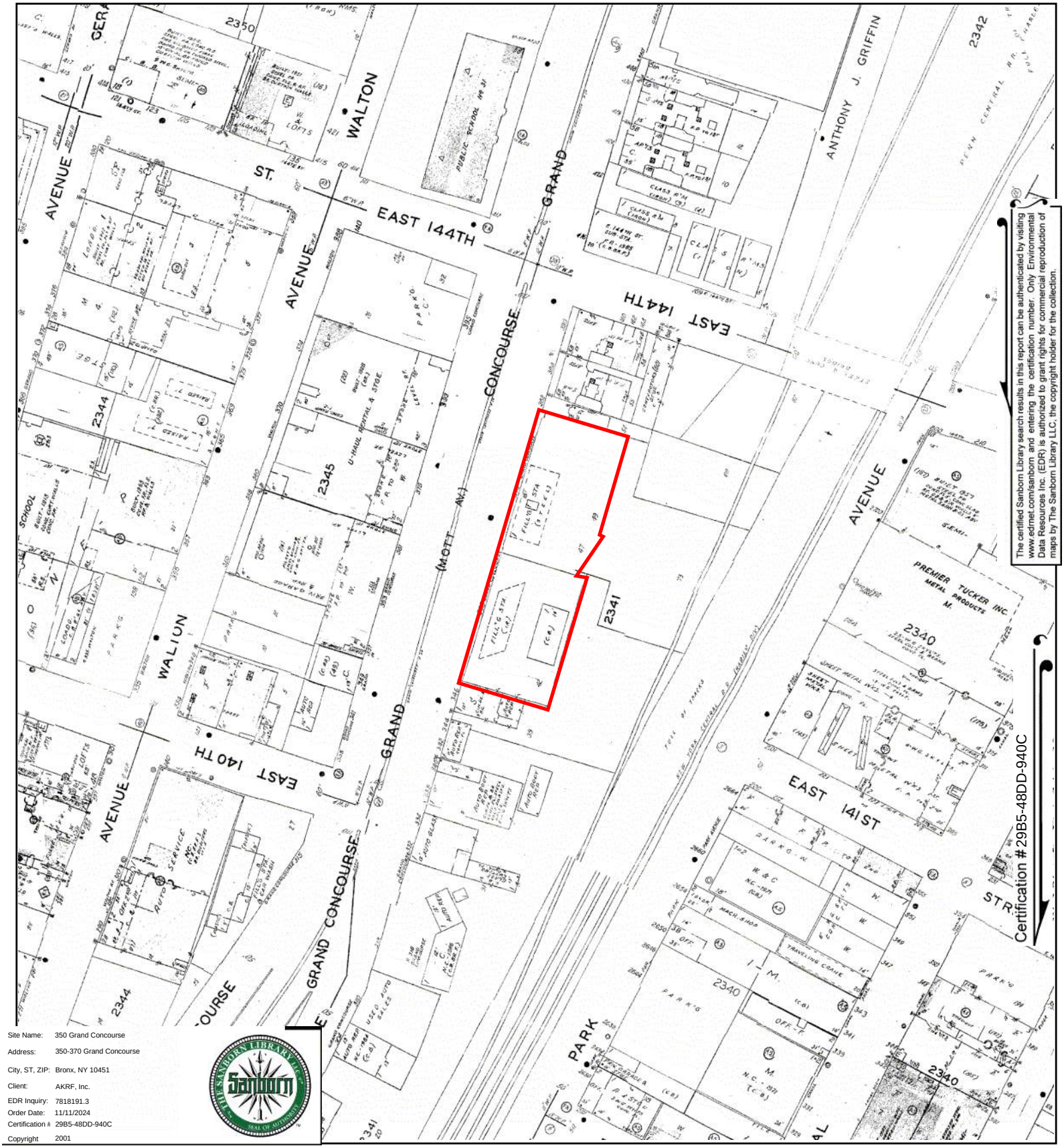
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 54
Volume 9N, Sheet 71

N

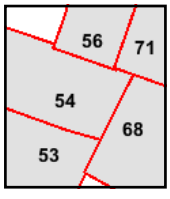


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	2001

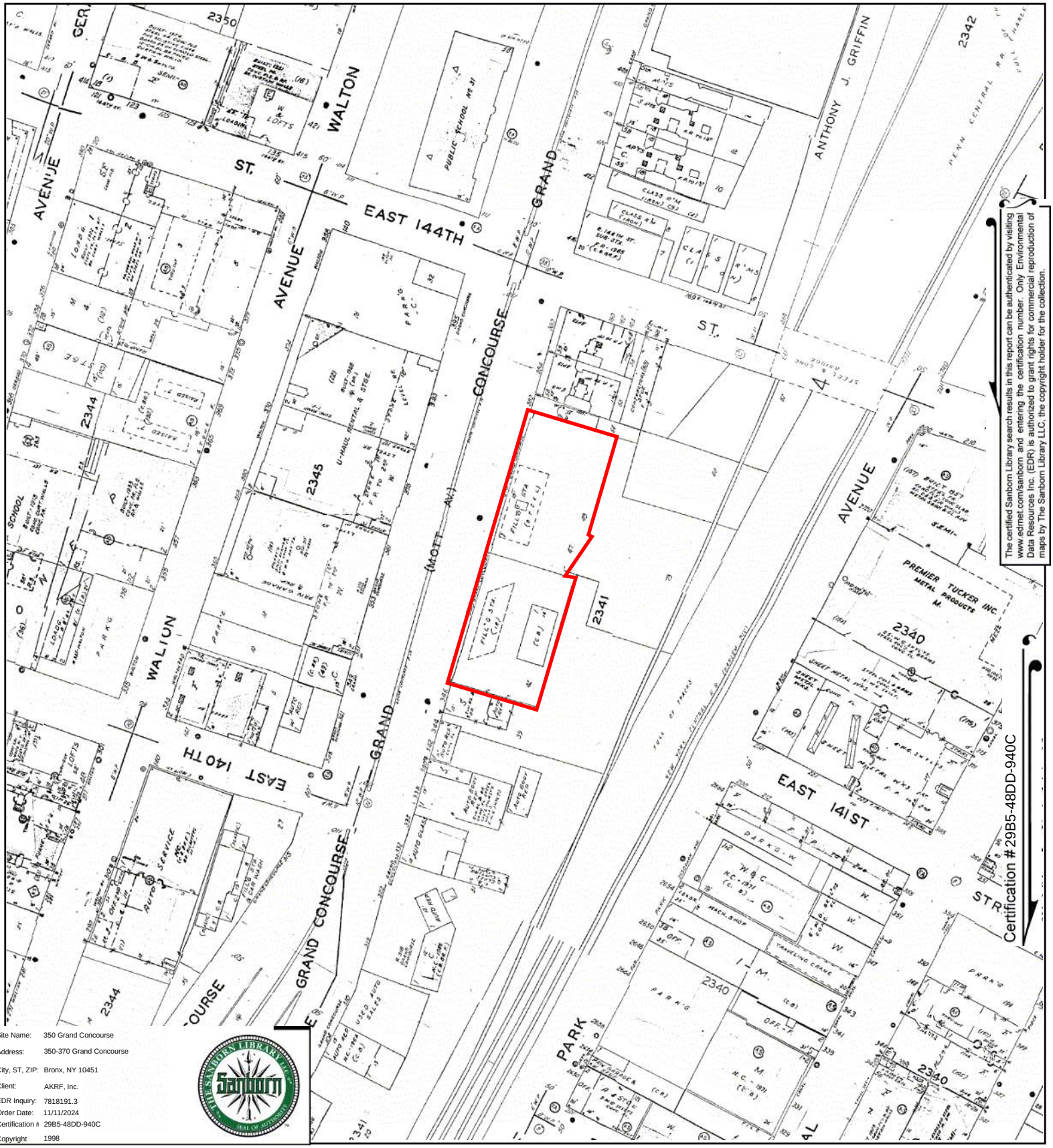
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 68
Volume 9N, Sheet 71
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 56

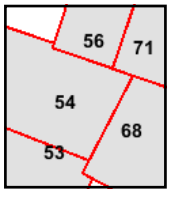
N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	1998

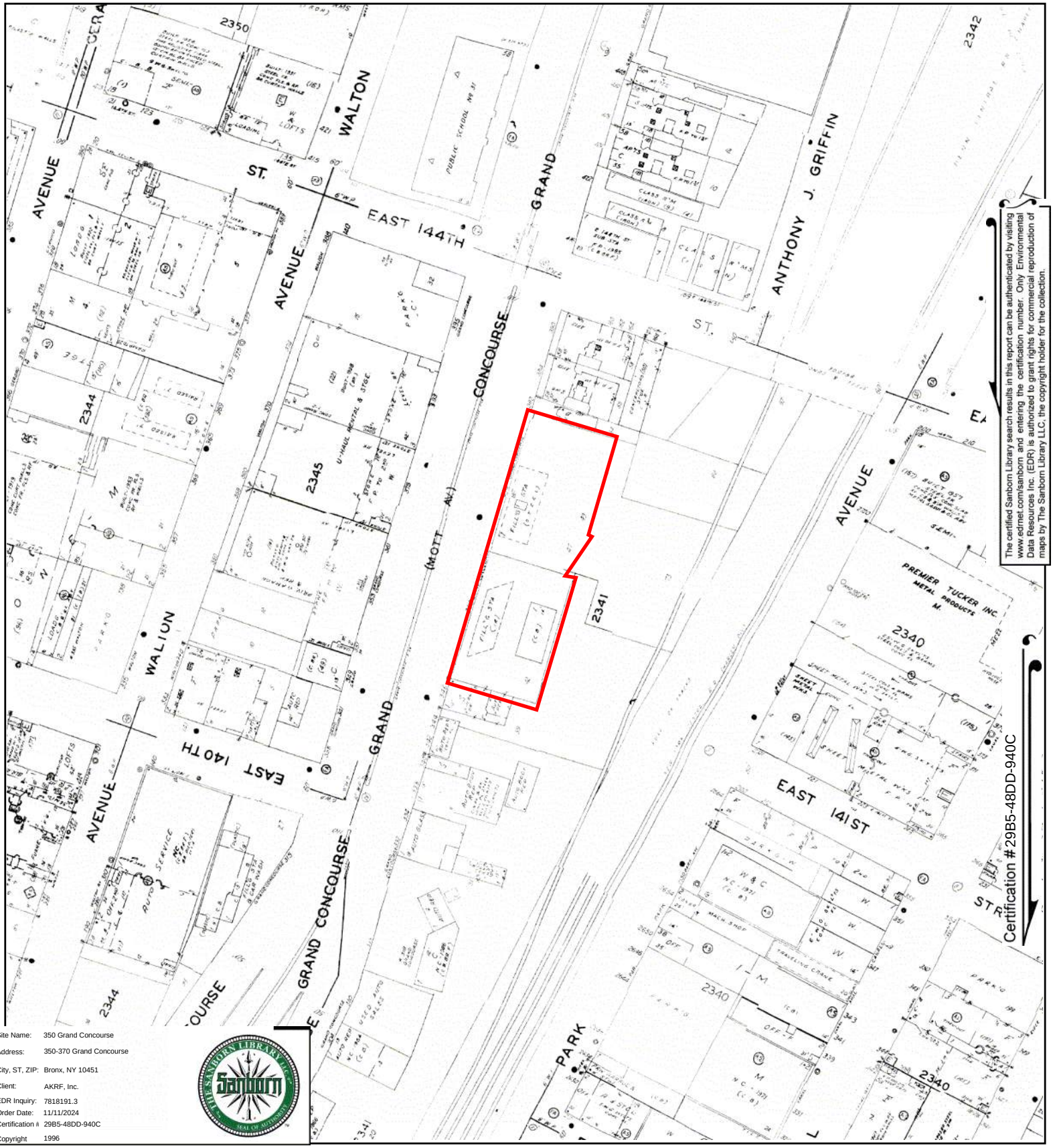
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



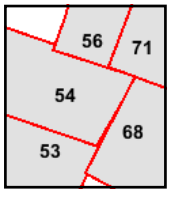
Volume 9N, Sheet 68
Volume 9N, Sheet 53
Volume 9N, Sheet 54
Volume 9N, Sheet 71
Volume 9N, Sheet 56

N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1996

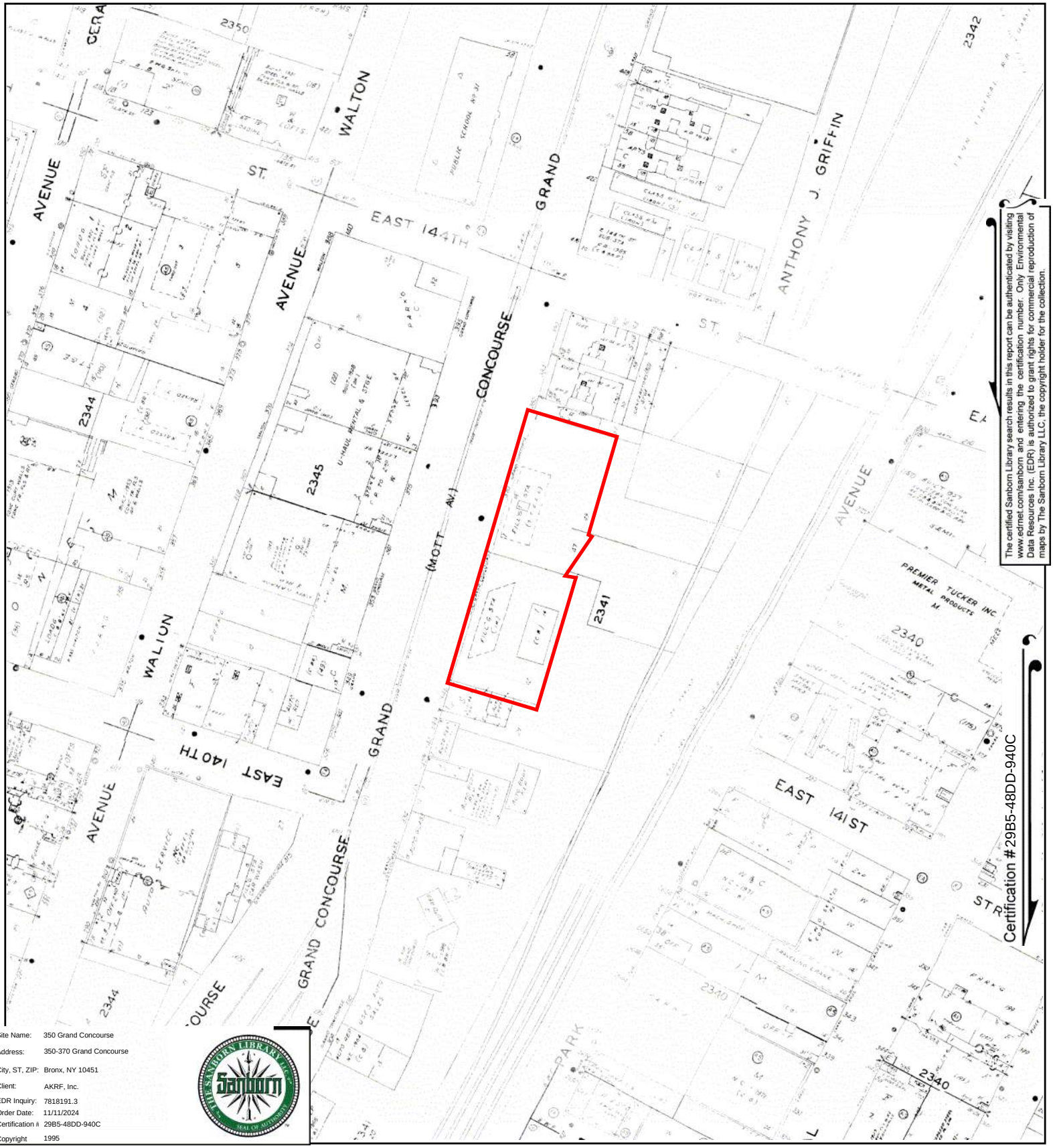
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 71
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 56

0 Feet 150 300 600

N

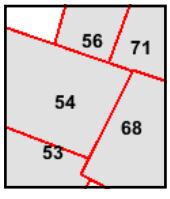


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	1995

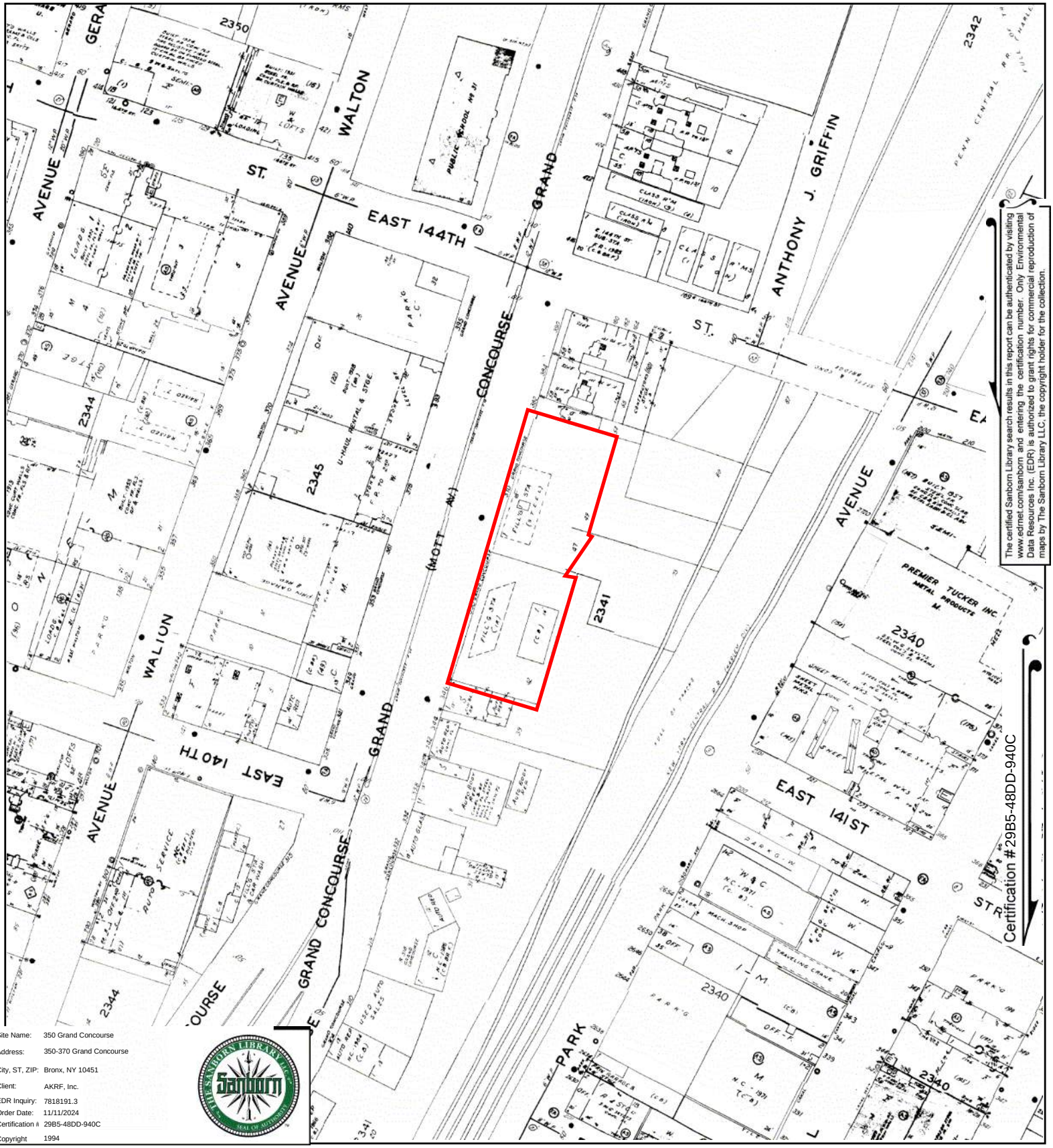
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 54
Volume 9N, Sheet 71
Volume 9N, Sheet 56

0 Feet 150 300 600

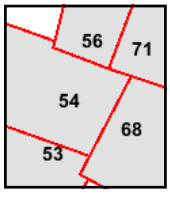
N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1994

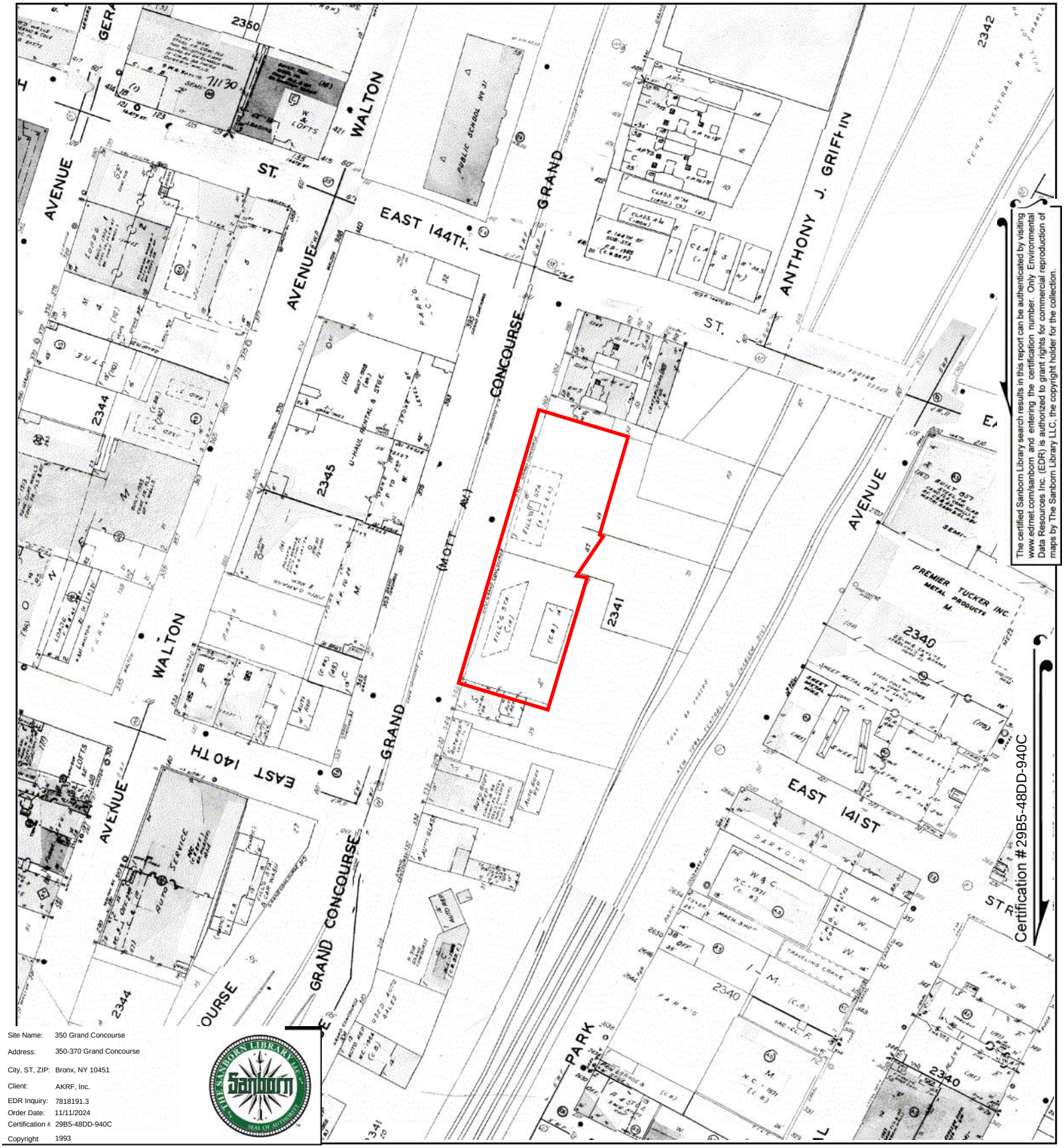
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 53
Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 54
Volume 9N, Sheet 68

N

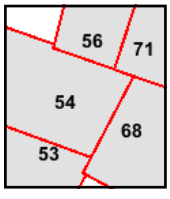


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1993

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



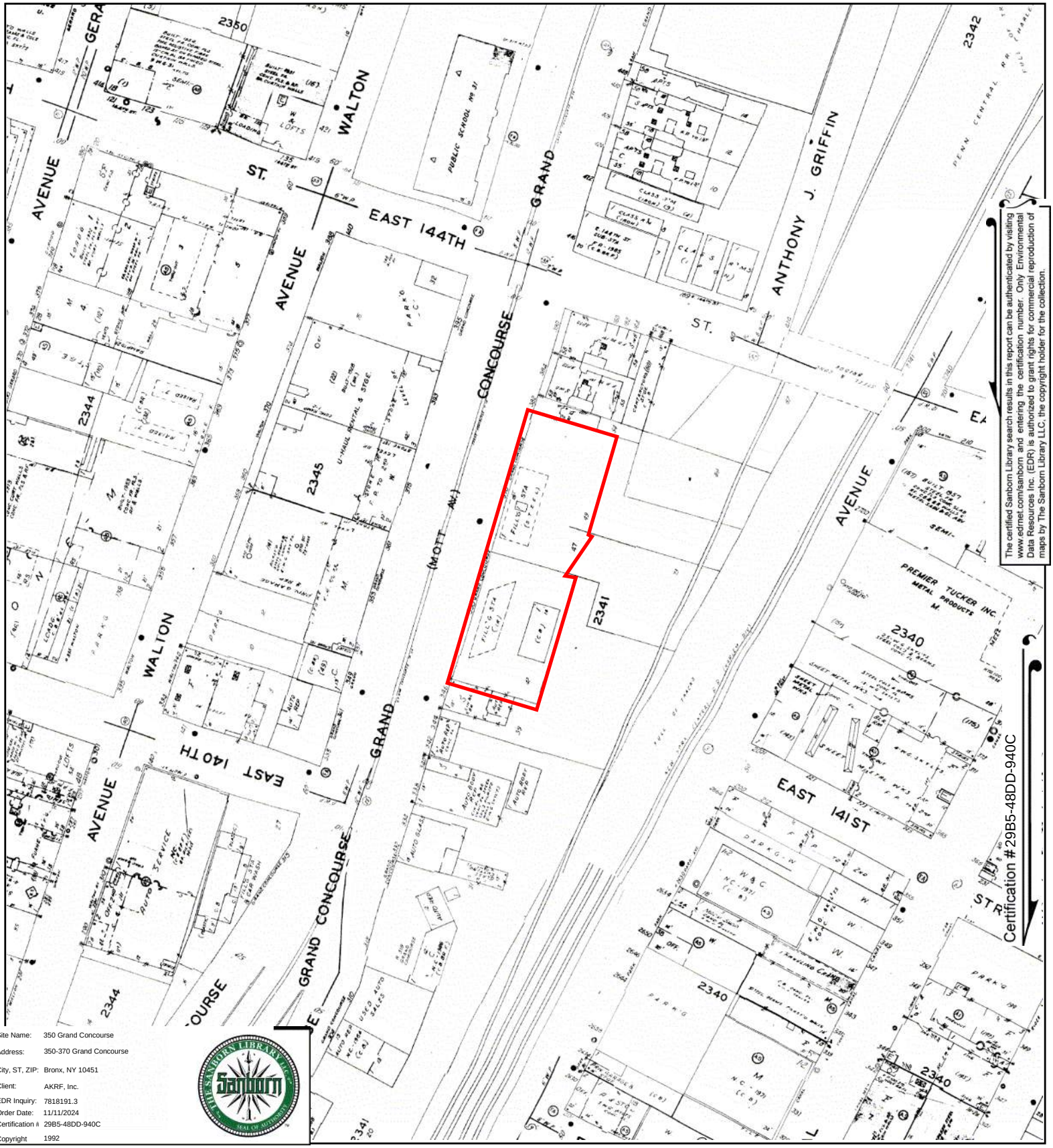
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 68

0 Feet 150 300 600

N

Certified Sanborn® Map

1992

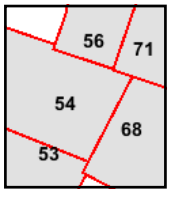


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1992

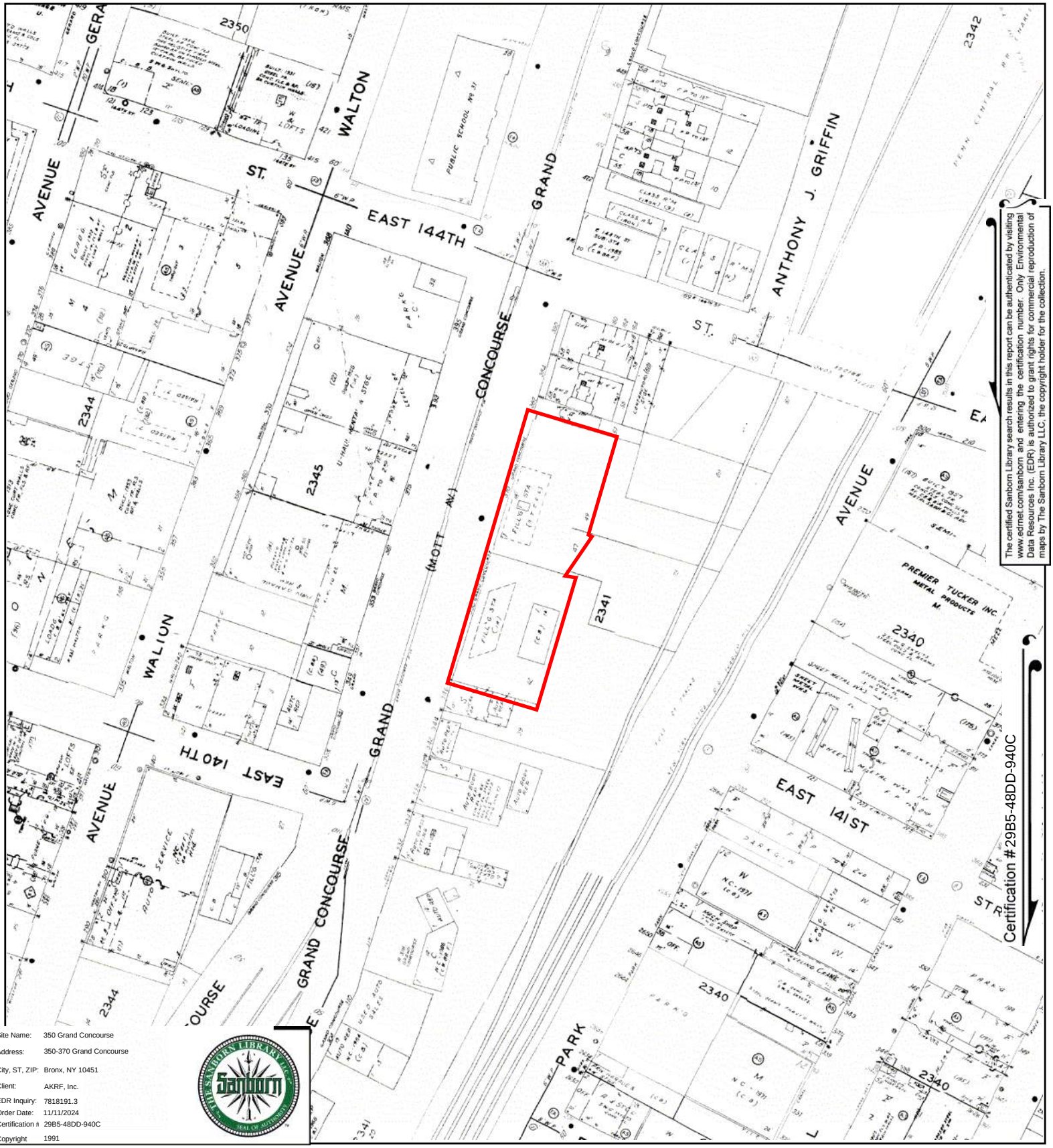
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 53
Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 68
Volume 9N, Sheet 54

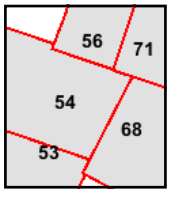
N



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1991

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



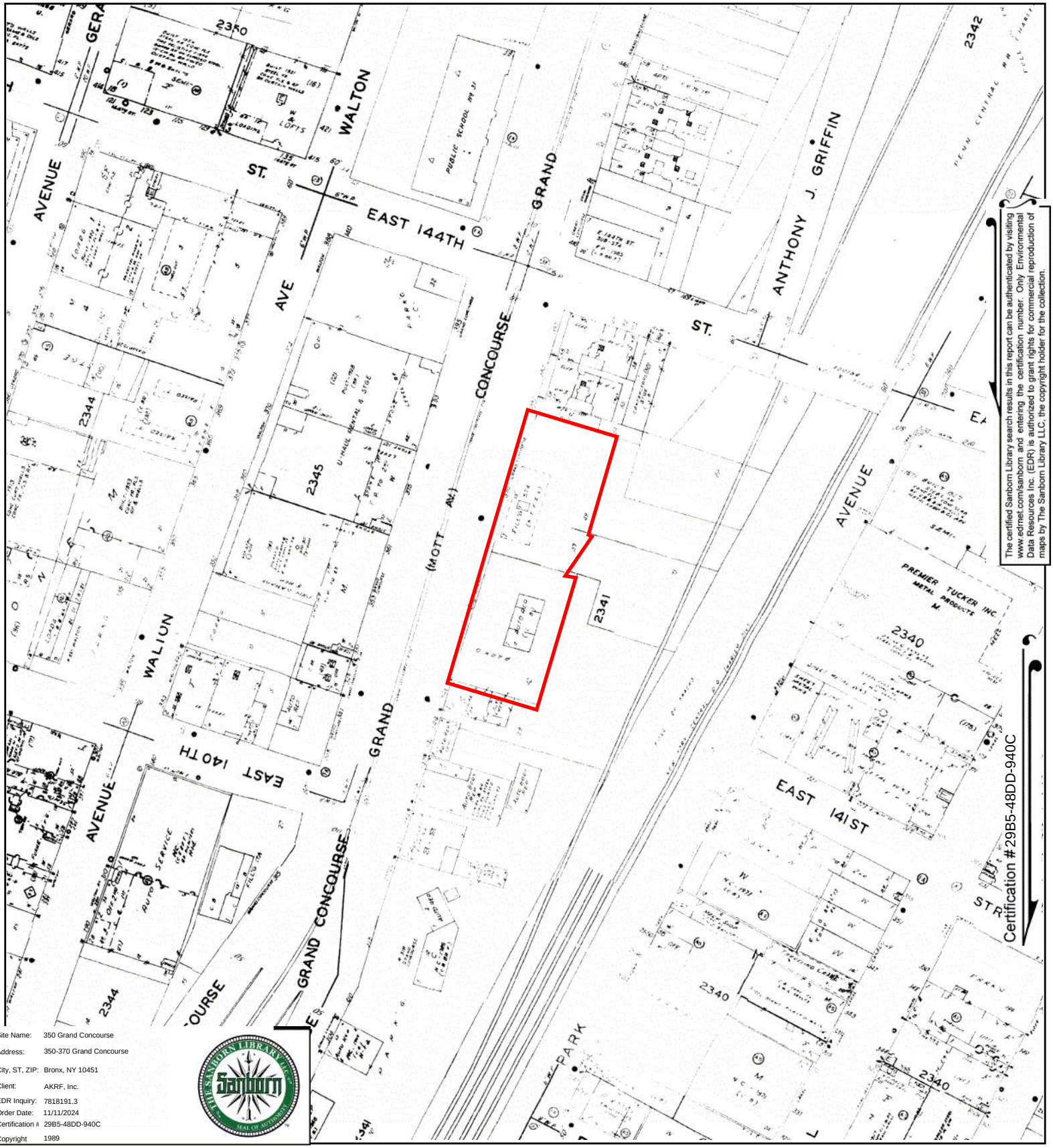
Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 56
Volume 9N, Sheet 71

0 Feet 150 300 600

N

Certified Sanborn® Map

1989

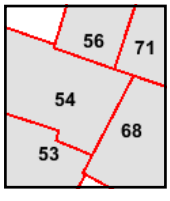


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1989

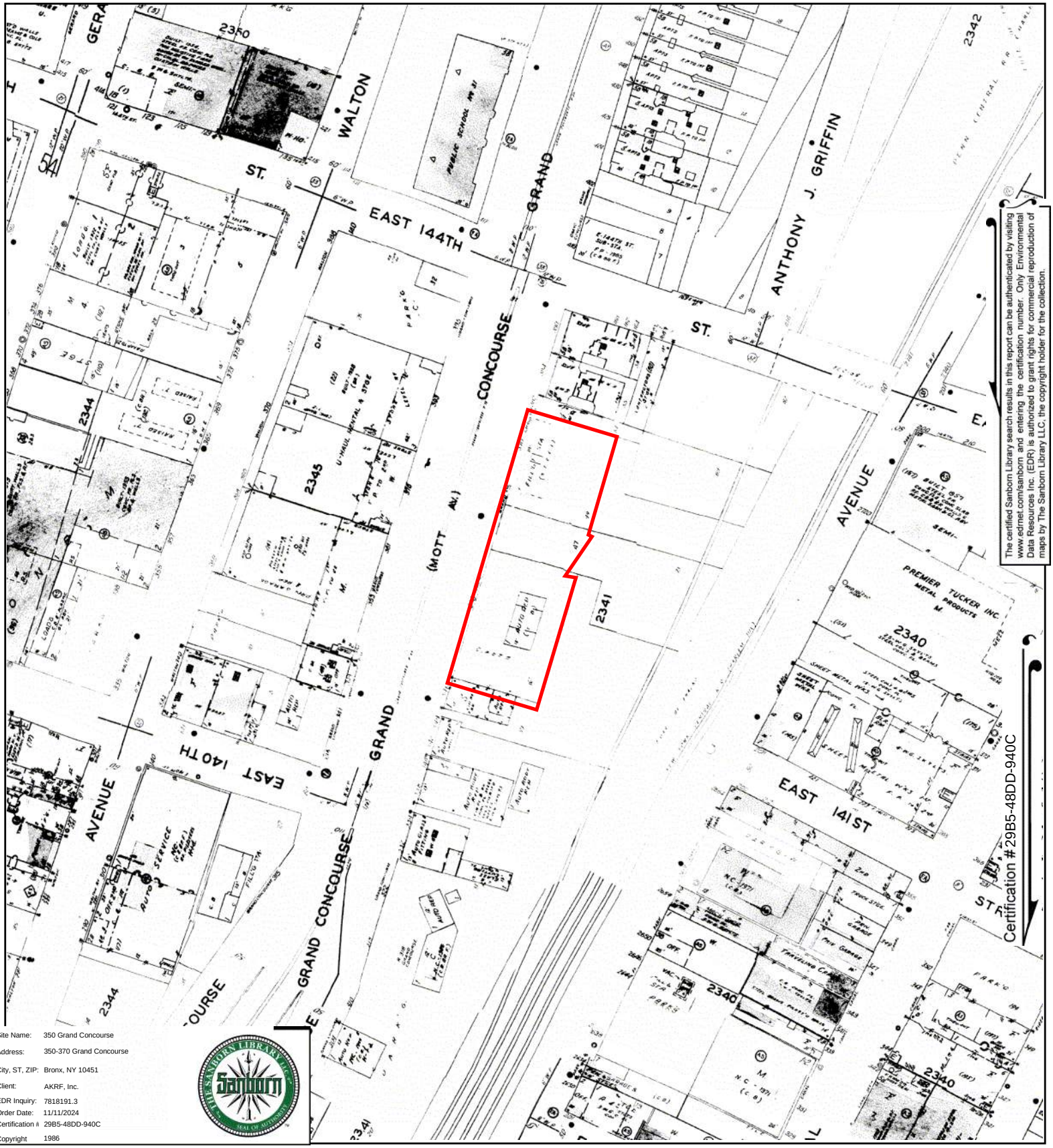
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 71
Volume 9N, Sheet 68
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 54

N

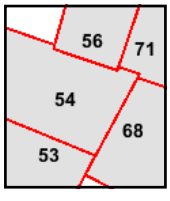


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1986

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

0 Feet 150 300 600

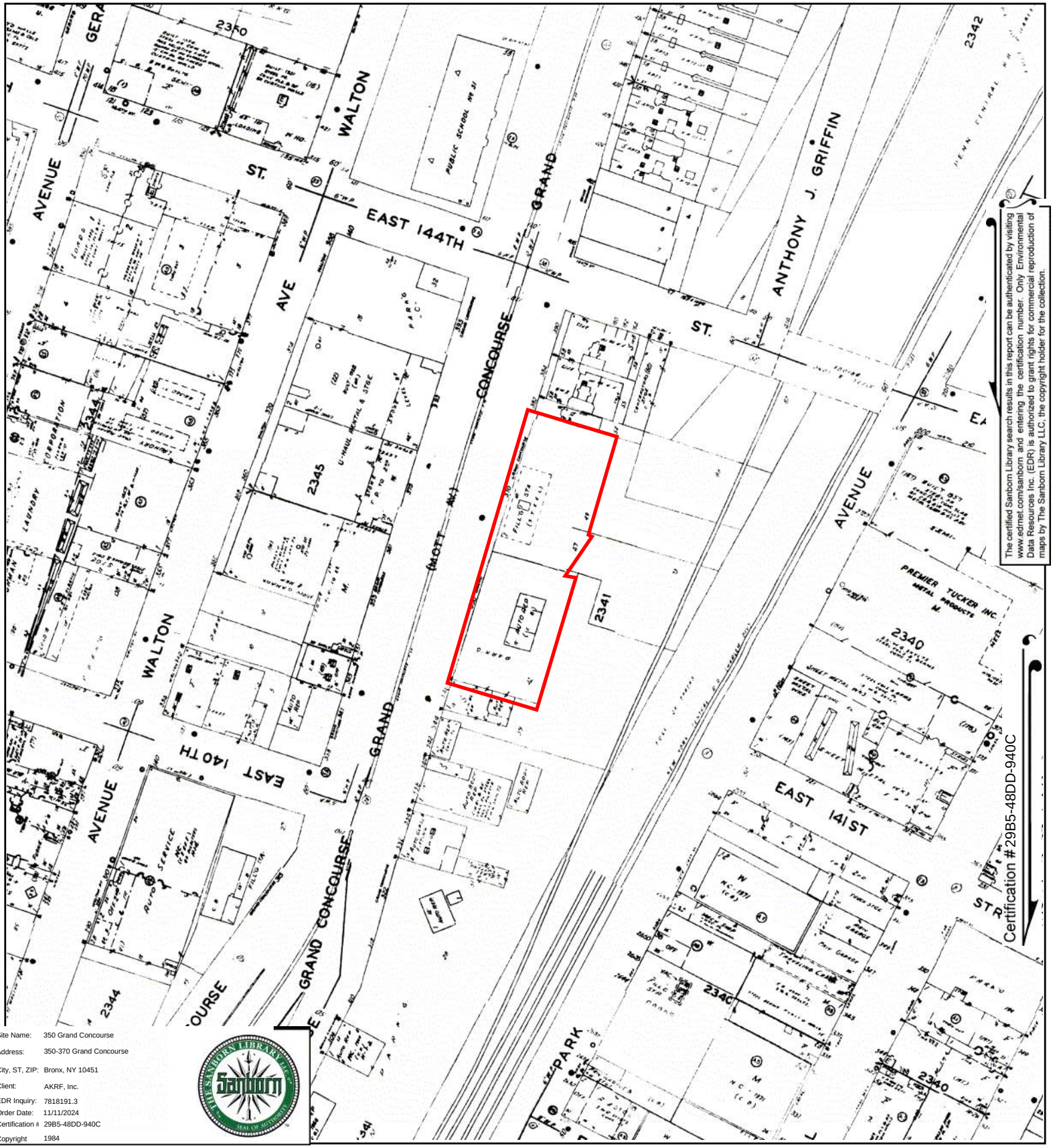


Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 54
Volume 9N, Sheet 68
Volume 9N, Sheet 71

N

Certified Sanborn® Map

1984



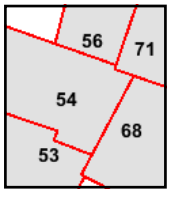
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1984

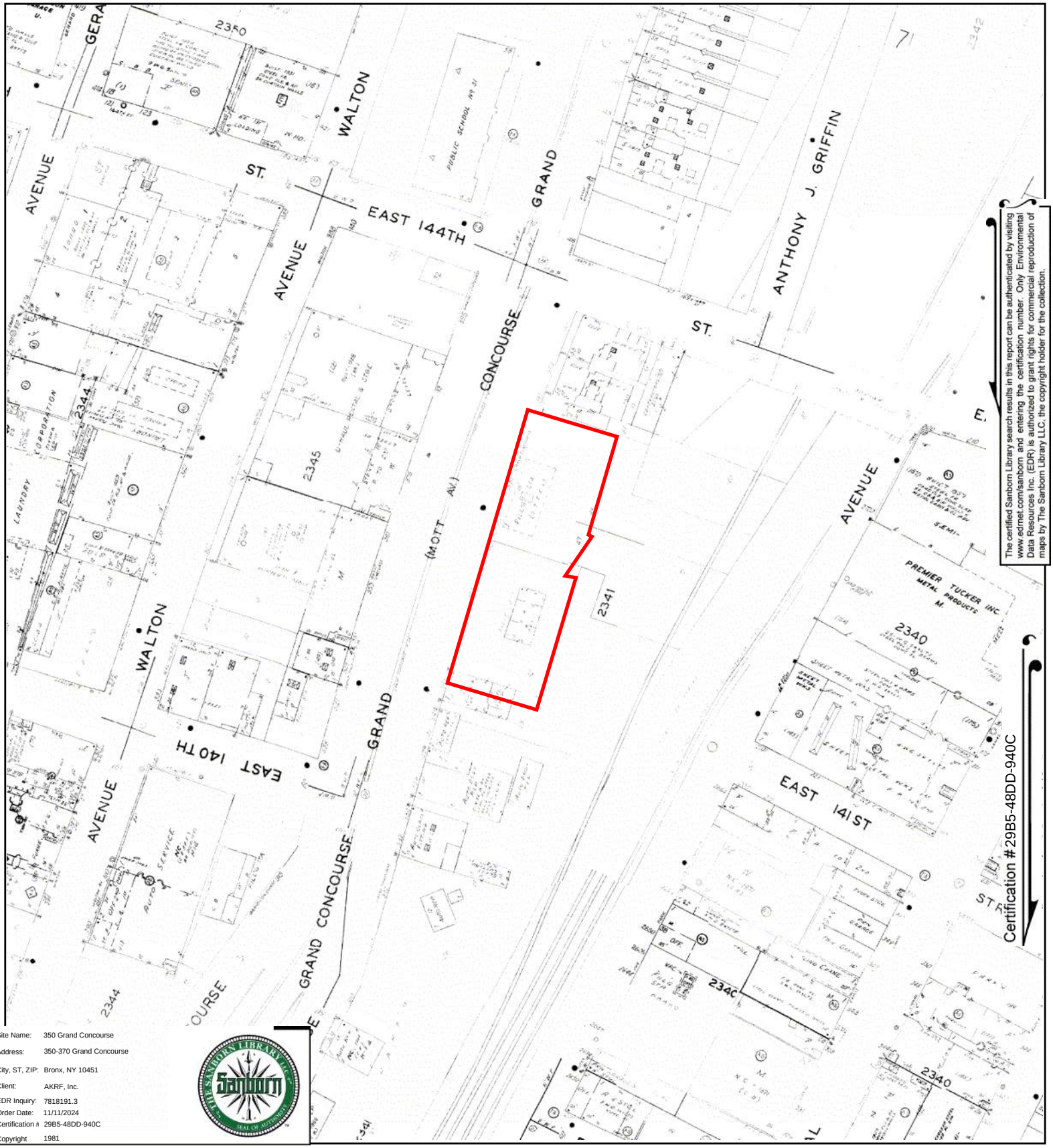
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 71
Volume 9N, Sheet 68
Volume 9N, Sheet 54
Volume 9N, Sheet 56
Volume 9N, Sheet 53

N

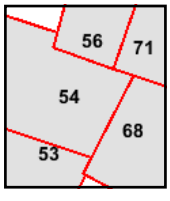


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1981

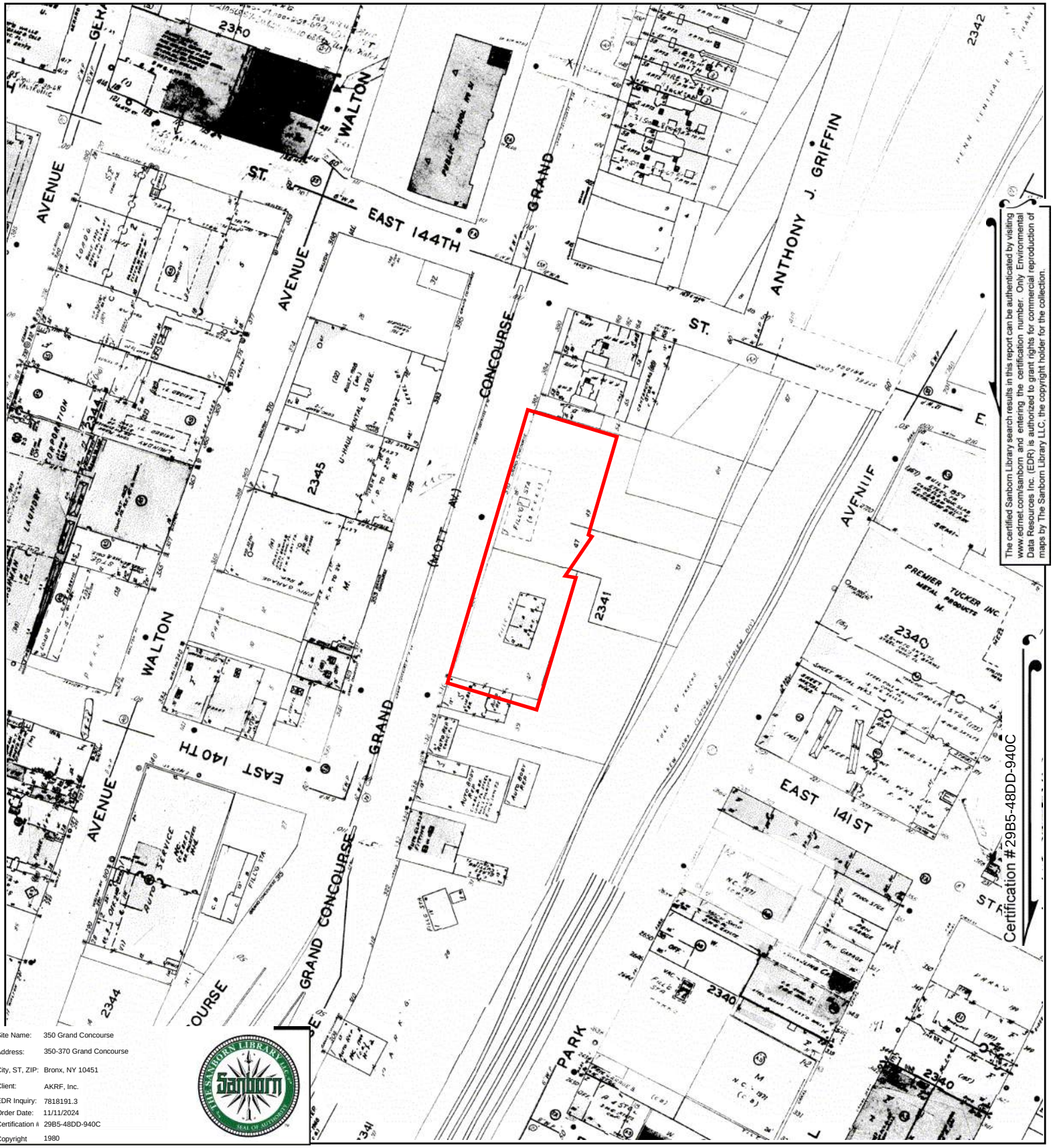
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 54
Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 71
Volume 9N, Sheet 71

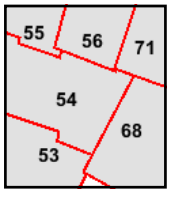
0 Feet 150 300 600

N



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #	29B5-48DD-940C
Copyright	1980

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



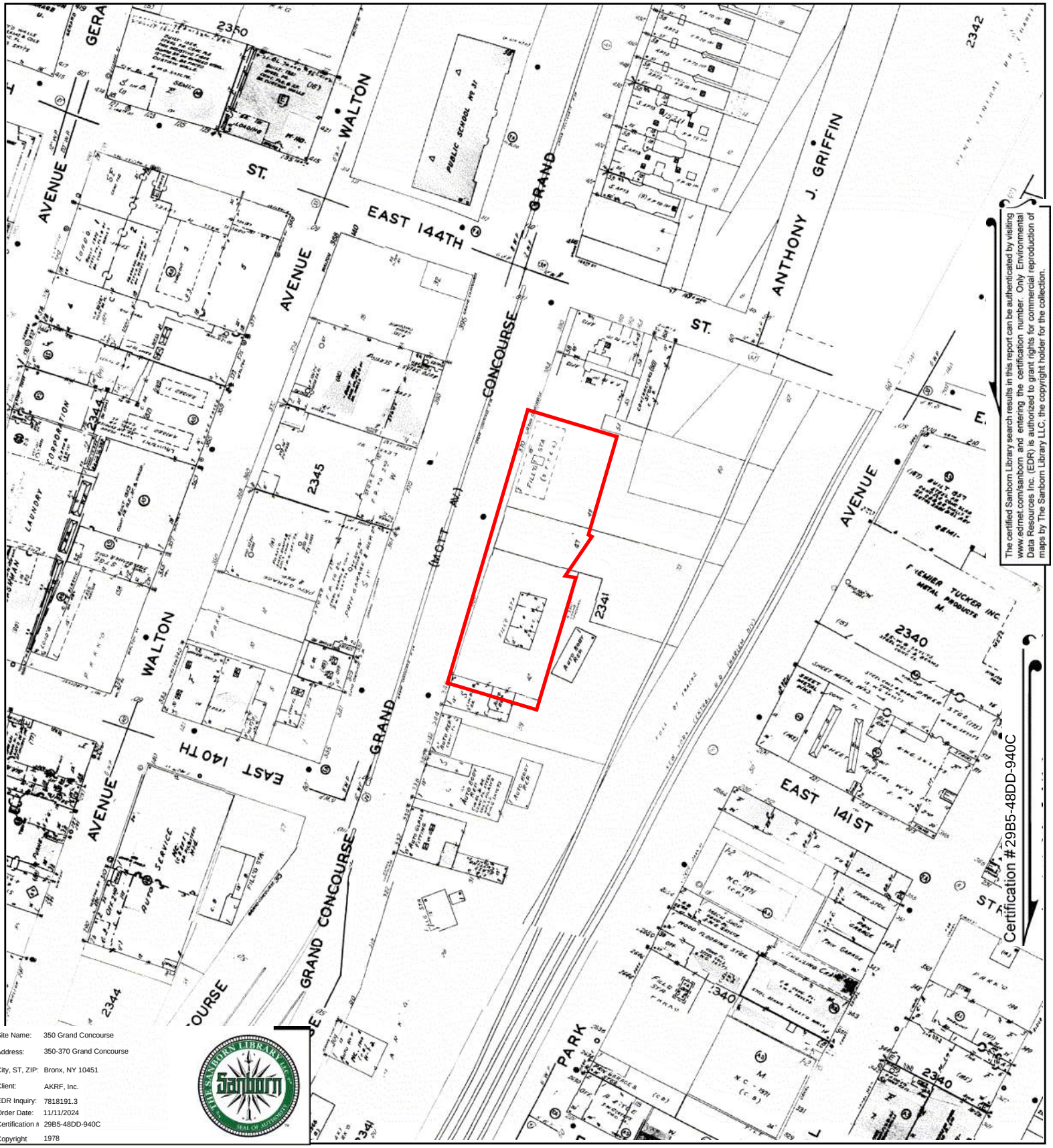
Volume 9N, Sheet 71
Volume 9N, Sheet 55
Volume 9N, Sheet 68
Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

Certified Sanborn® Map

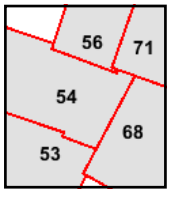
1978



Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1978

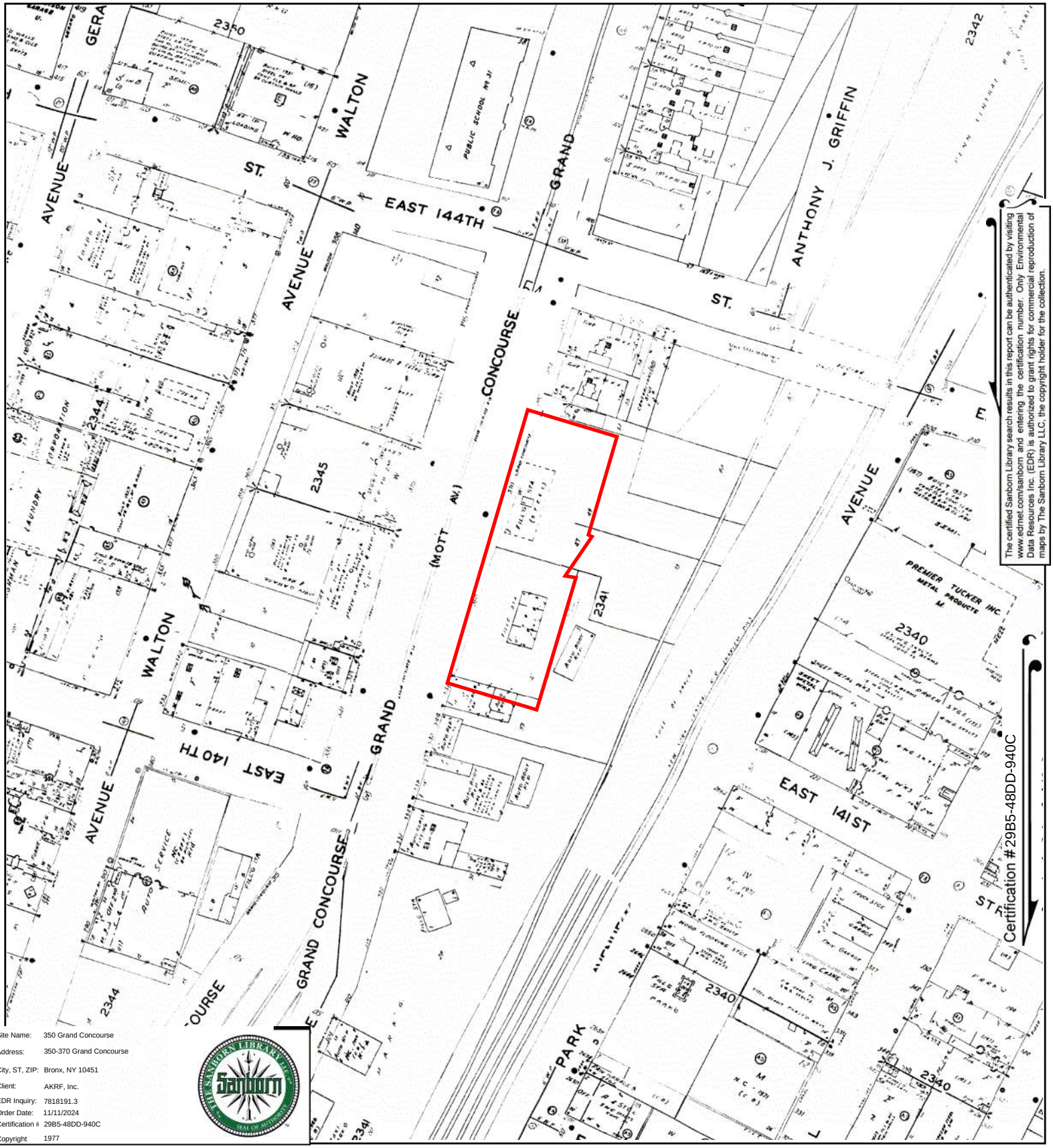
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 68
Volume 9N, Sheet 71

N

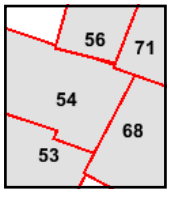


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1977

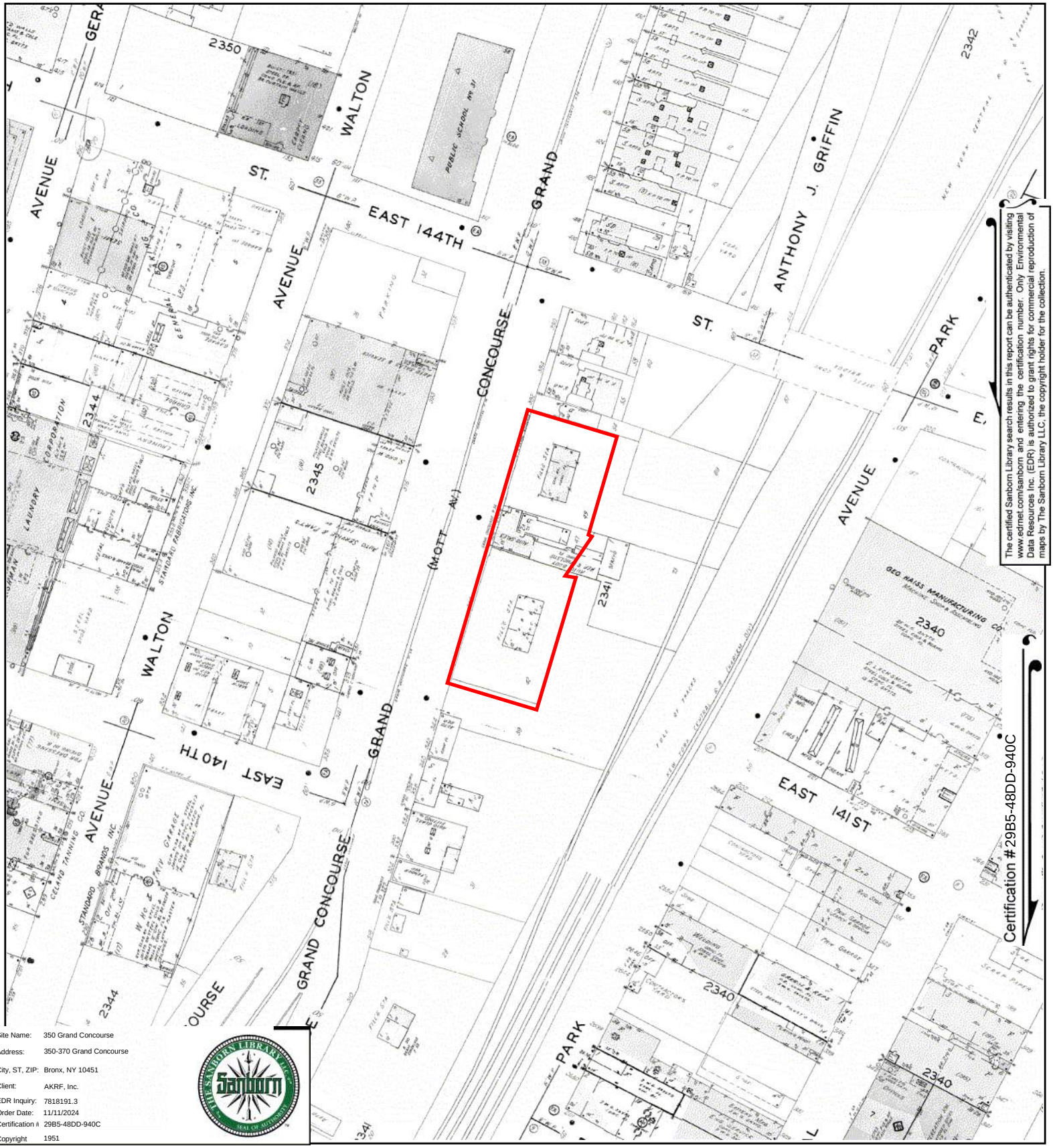
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



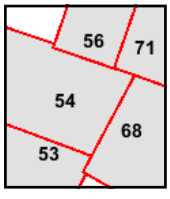
Volume 9N, Sheet 56
Volume 9N, Sheet 71
Volume 9N, Sheet 68
Volume 9N, Sheet 53
Volume 9N, Sheet 54

N



Site Name: 350 Grand Concourse
Address: 350-370 Grand Concourse
City, ST, ZIP: Bronx, NY 10451
Client: AKRF, Inc.
EDR Inquiry: 7818191.3
Order Date: 11/11/2024
Certification #: 29B5-48DD-940C
Copyright: 1951

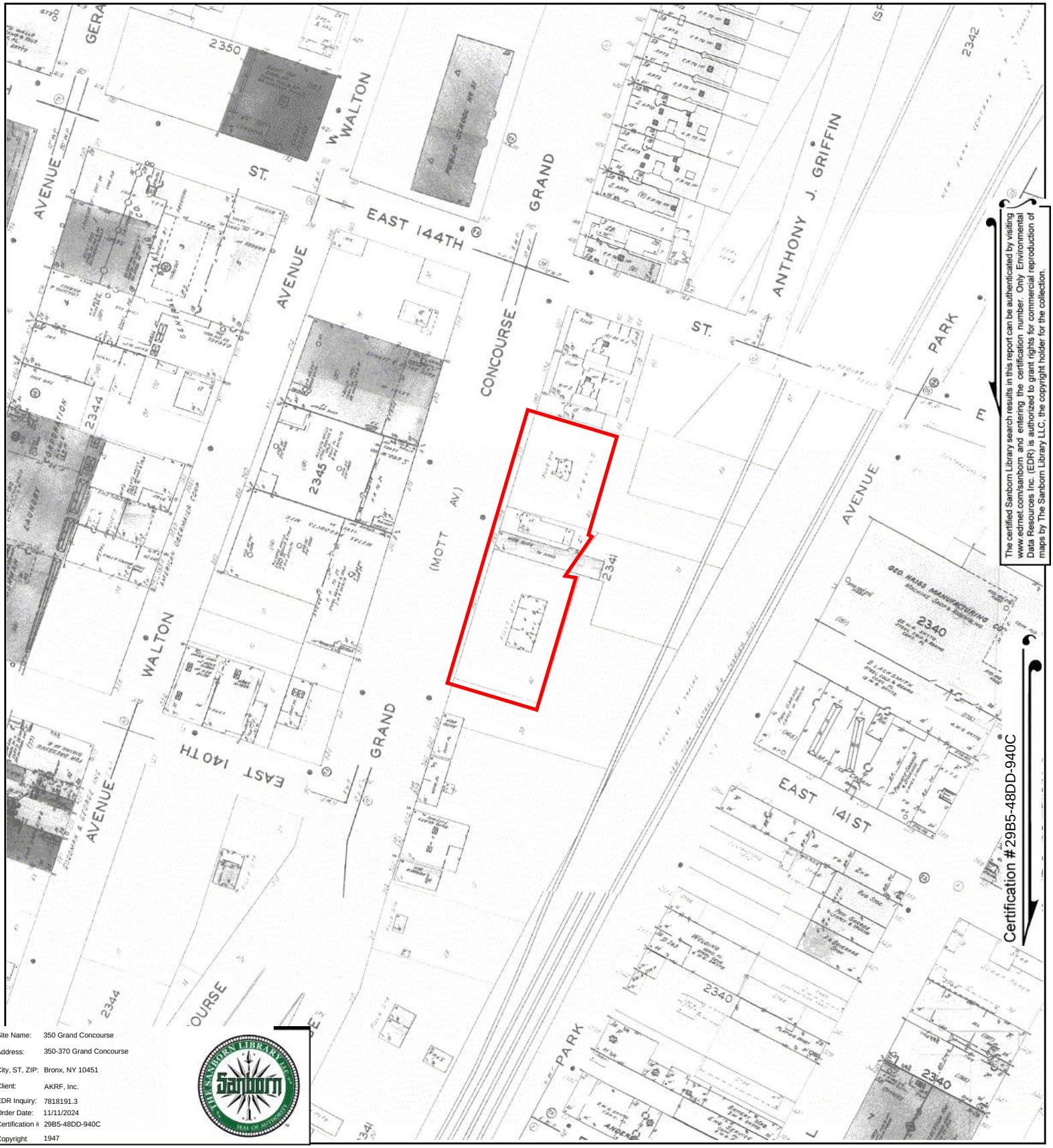
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 54
Volume 9N, Sheet 53
Volume 9N, Sheet 56
Volume 9N, Sheet 68
Volume 9N, Sheet 71

0 Feet 150 300 600

N

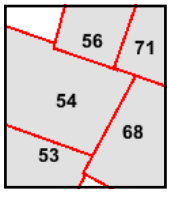


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1947

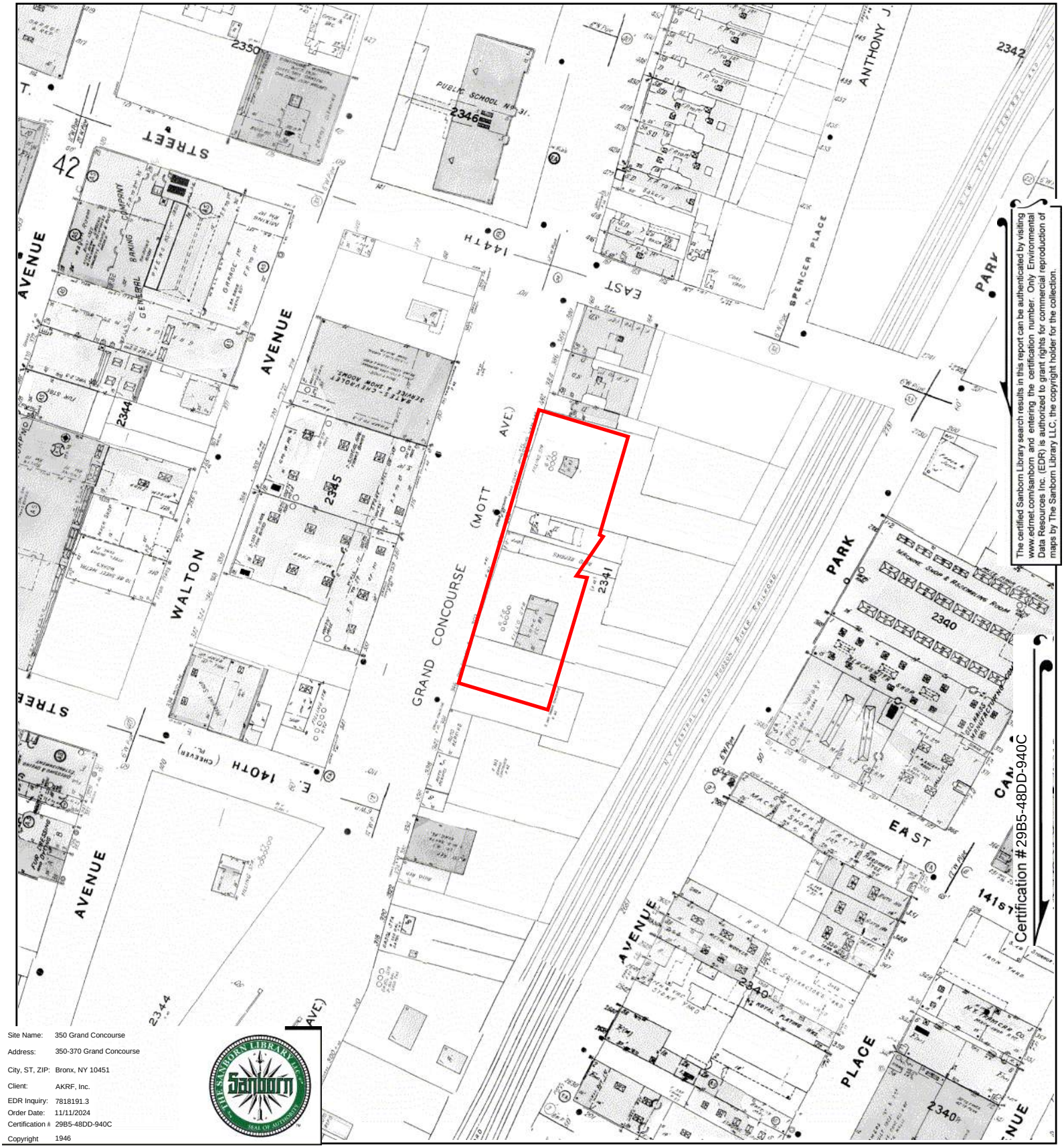
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 71
Volume 9N, Sheet 56
Volume 9N, Sheet 53
Volume 9N, Sheet 68
Volume 9N, Sheet 54

0 Feet 150 300 600

N

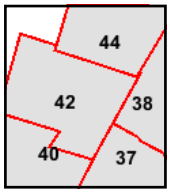


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1946

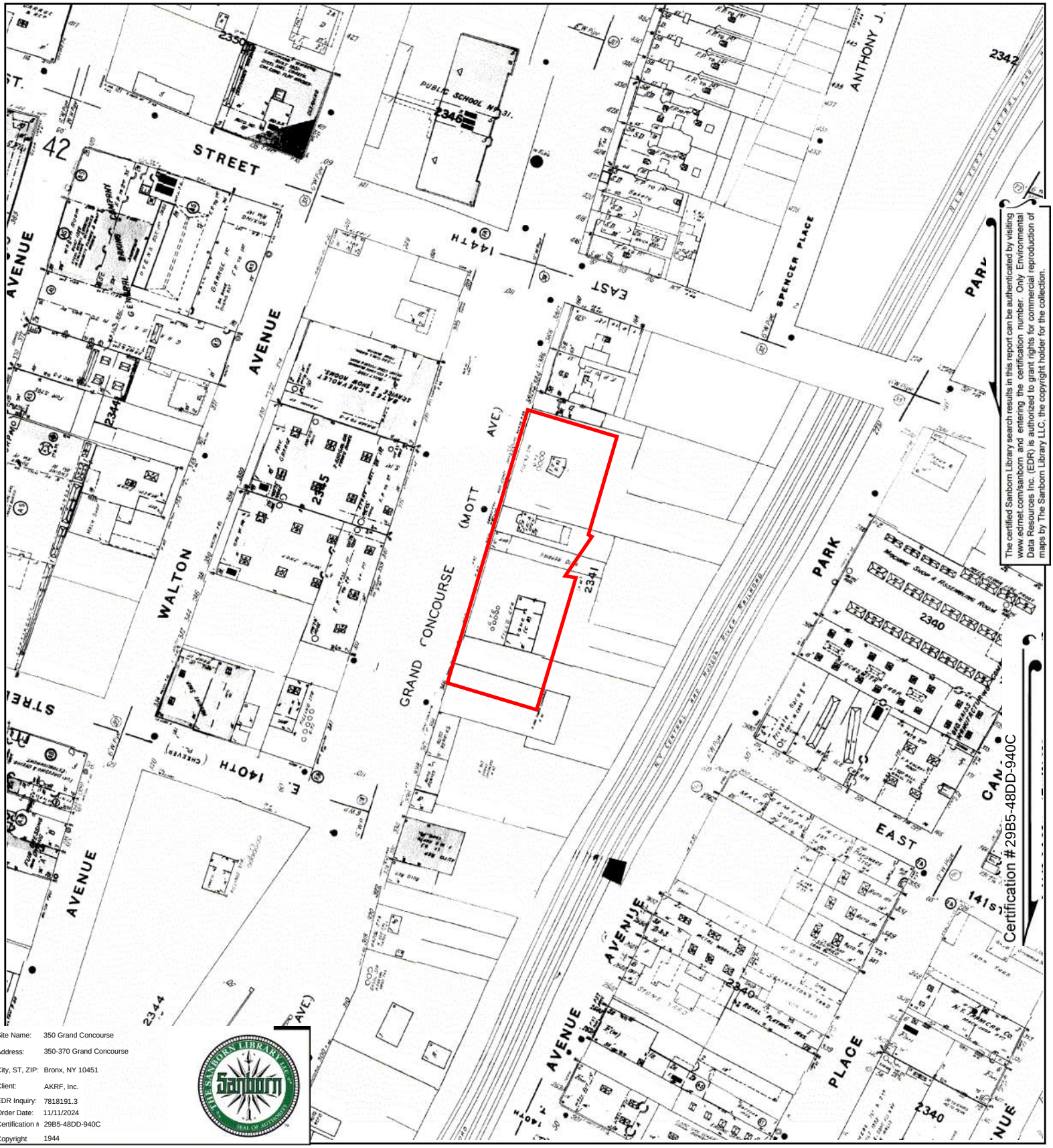
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9, Sheet 37
Volume 9, Sheet 42
Volume 9, Sheet 44
Volume 9, Sheet 38
Volume 9, Sheet 40

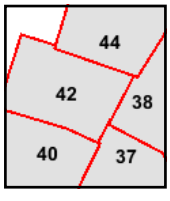
N



Site Name: 350 Grand Concourse
Address: 350-370 Grand Concourse
City, ST, ZIP: Bronx, NY 10451
Client: AKRF, Inc.
EDR Inquiry: 7818191.3
Order Date: 11/11/2024
Certification #: 29B5-48DD-940C
Copyright: 1944

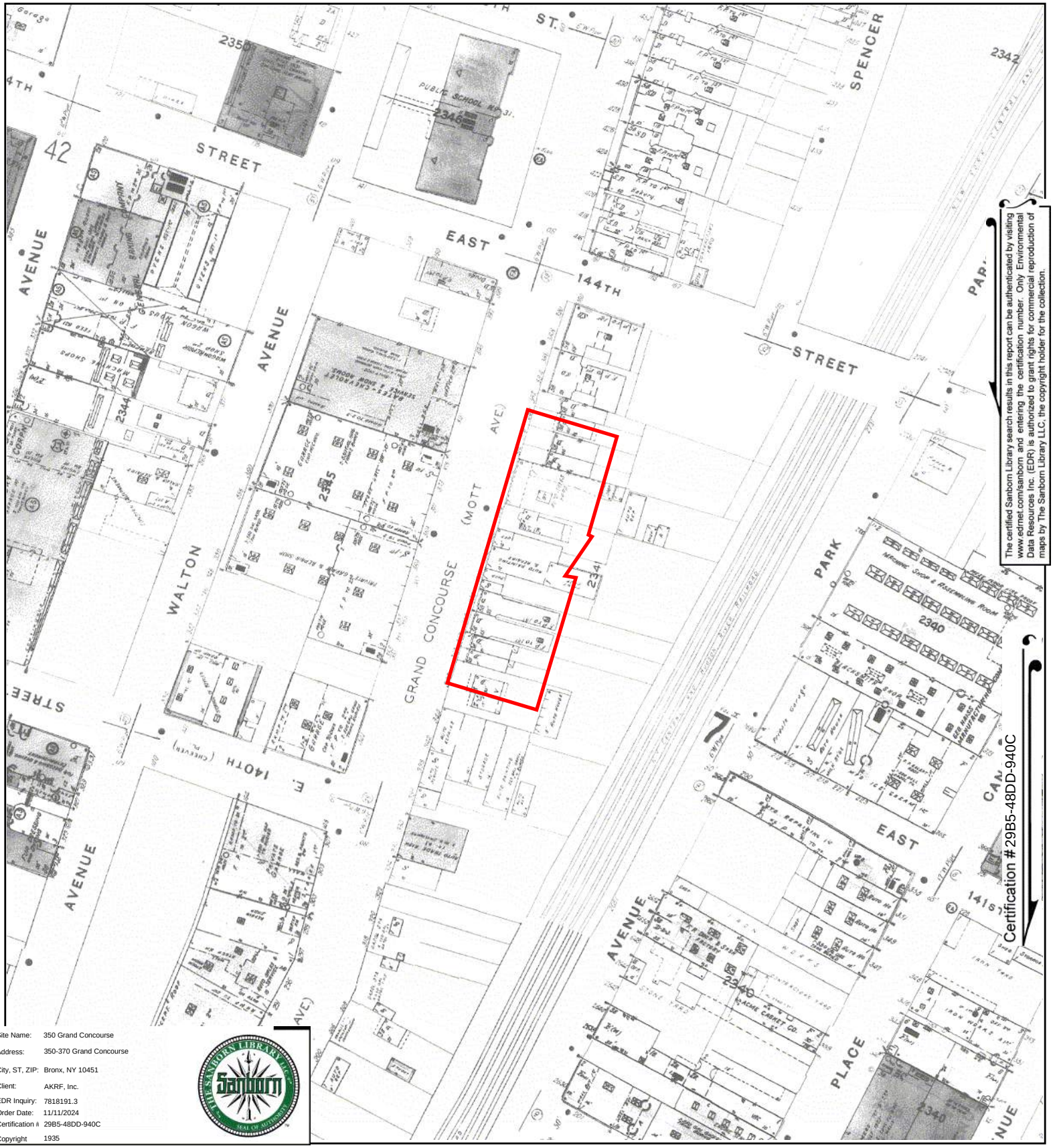
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9, Sheet 44
Volume 9, Sheet 38
Volume 9, Sheet 37
Volume 9, Sheet 40
Volume 9, Sheet 42

N

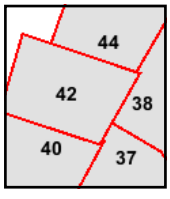


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1935

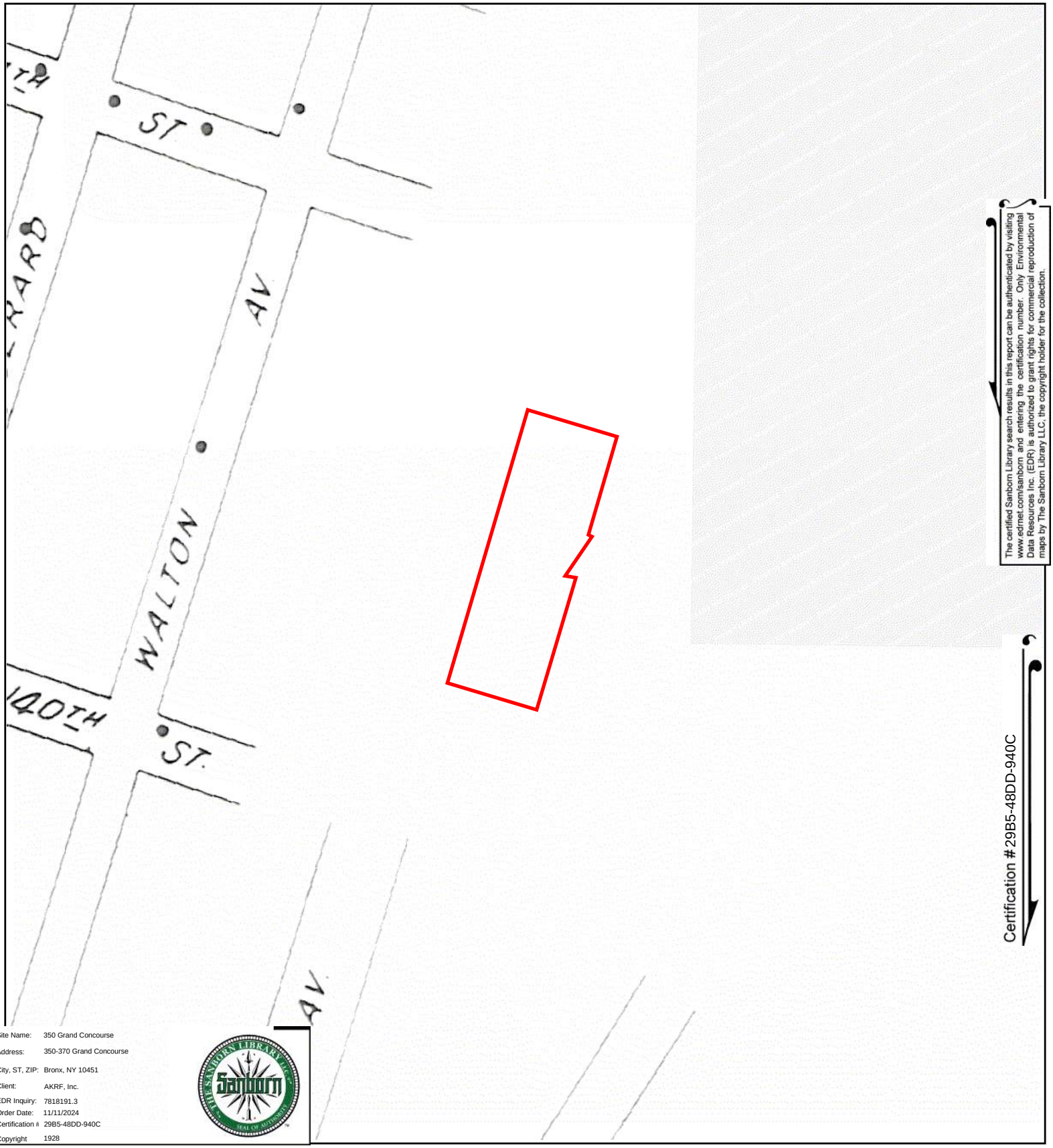
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 9, Sheet 40
Volume 9, Sheet 38
Volume 9, Sheet 42
Volume 9, Sheet 44
Volume 9, Sheet 37

N



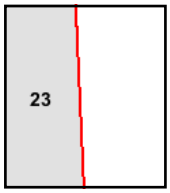
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name: 350 Grand Concourse
Address: 350-370 Grand Concourse
City, ST, ZIP: Bronx, NY 10451
Client: AKRF, Inc.
EDR Inquiry: 7818191.3
Order Date: 11/11/2024
Certification #: 29B5-48DD-940C
Copyright: 1928

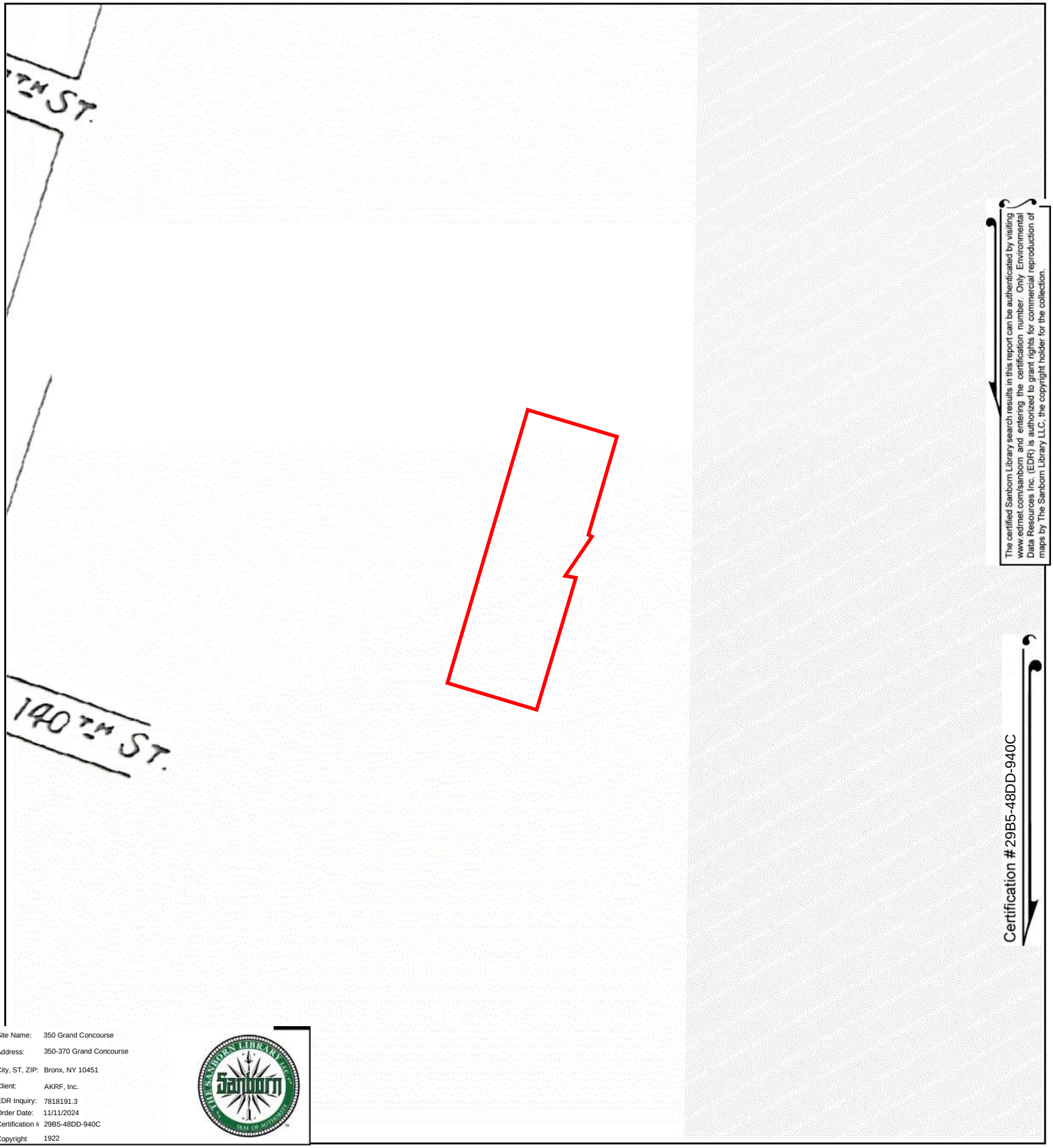
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume Pier Maps, Sheet 23

N

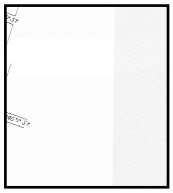


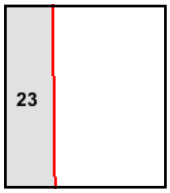
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name: 350 Grand Concourse
Address: 350-370 Grand Concourse
City, ST, ZIP: Bronx, NY 10451
Client: AKRF, Inc.
EDR Inquiry: 7818191.3
Order Date: 11/11/2024
Certification #: 29B5-48DD-940C
Copyright: 1922

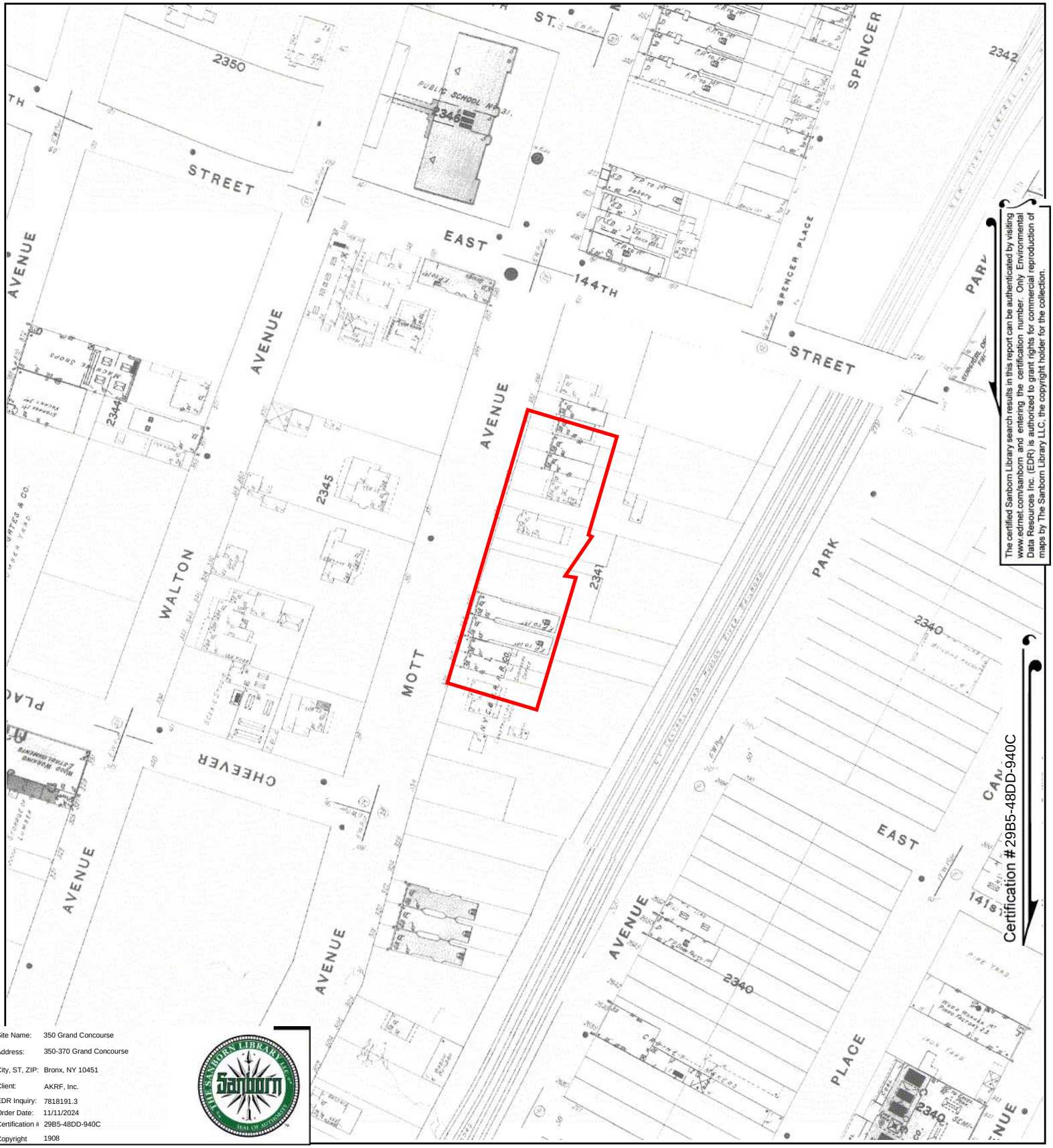
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume Pier Maps, Sheet 23

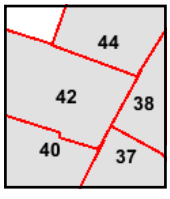
0 Feet 150 300 600



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1908

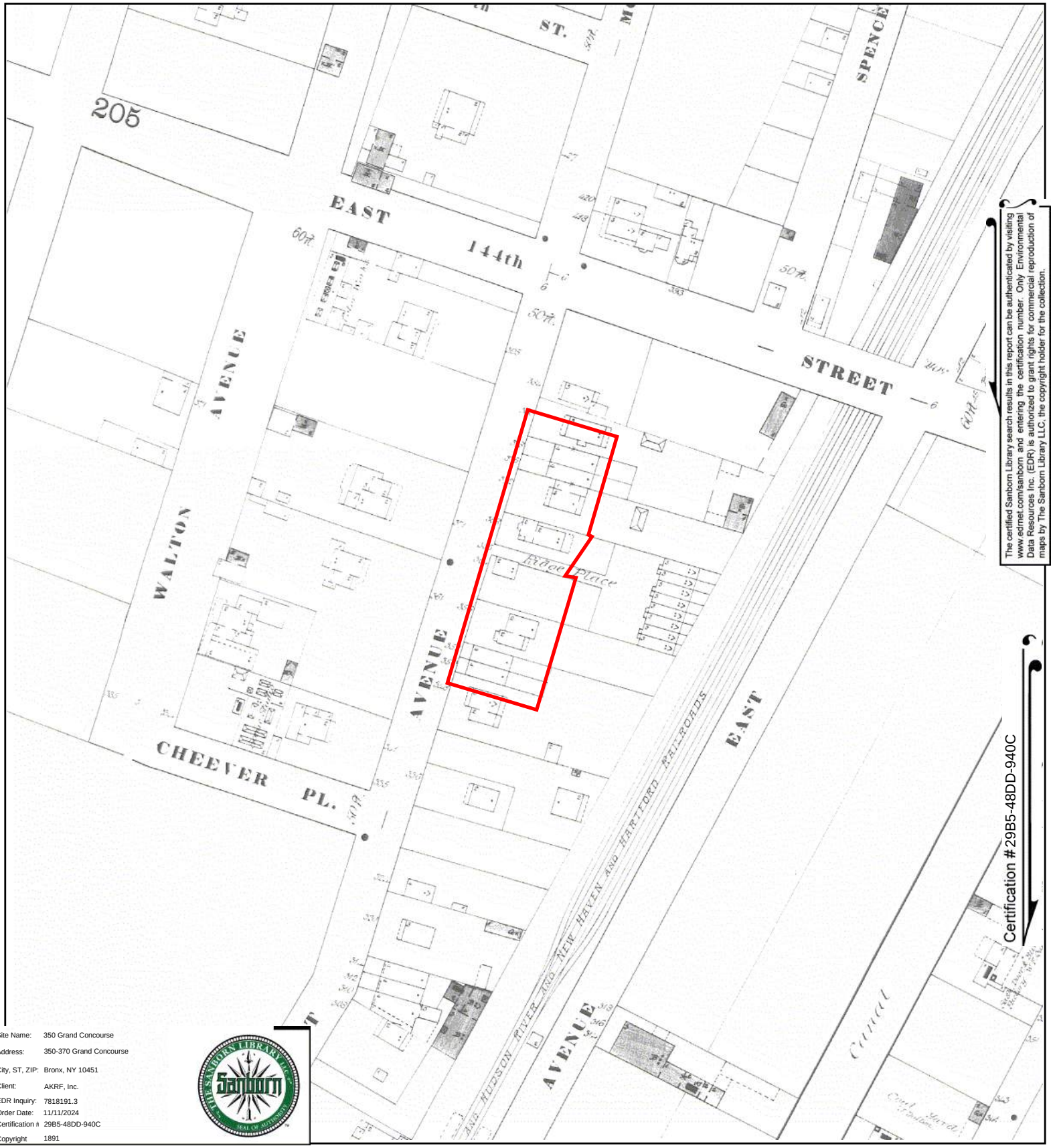
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9, Sheet 44
Volume 9, Sheet 37
Volume 9, Sheet 38
Volume 9, Sheet 42
Volume 9, Sheet 40

0 Feet 150 300 600

N

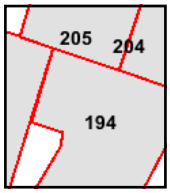


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #29B5-48DD-940C

Site Name:	350 Grand Concourse
Address:	350-370 Grand Concourse
City, ST, ZIP:	Bronx, NY 10451
Client:	AKRF, Inc.
EDR Inquiry:	7818191.3
Order Date:	11/11/2024
Certification #:	29B5-48DD-940C
Copyright	1891

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



Volume 9, Sheet 194
Volume 9, Sheet 205
Volume 9, Sheet 204
Volume 9, Sheet 194

0 Feet 150 300 600

N

APPENDIX F
JULY 2025 WASTE CHARACTERIZATION REPORT

DRAFT

440 Park Avenue South, 7th Floor
New York, NY 10016
tel: 212.696.0670
www.akrf.com

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017
Attention: Leslie Jager

July 11, 2025

Re: Soil Waste Characterization Results
350 Grand Concourse, Bronx, NY

Dear Mr. Jager:

AKRF, Inc. (AKRF) is pleased to provide 350 GC Property Owner LLC with the laboratory results, sampling methodology, and quality assurance procedures that were employed during the recent waste characterization soil sampling at 350 Grand Concourse in the Mott Haven section of the Bronx, New York ("the Site"). The Site is legally identified as Tax Block 2341, Lot 42. The Site location is provided on Figure 1. This report is intended to be used as a supplement to applications for soil disposal approval(s) at facilities considering accepting excavated materials originating from the Site. The sampling methods performed were to satisfy disposal facilities located in New York, New Jersey, and Pennsylvania, with the exception of seven grid/intervals that did not satisfy Pennsylvania due to the composite sample not being collected across a minimum of four soil borings. This was due to shallow refusal at particular borings or the recovered material being predominately gravel or rock from a boring interval. Specifically, the following grids/intervals did not comply with Pennsylvania requirements: A1(5-10'), A1(10-15'), B1(5-10'), B1(10-15'), B1(15-20'), B1/B2(20-25'), and B2(15-20').

PROJECT DESCRIPTION

Historically, the Site was referred to as Lots 42 and 47; Lot 47 was associated with the historical address 370 Grand Concourse before it was merged with Lot 42 into a single lot (identified as Lot 42). Currently, the Site is a vacant partially concrete-paved lot with no structures.

Historic records indicate that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908 to 1935, and the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline underground storage tanks (USTs) between 1944 and 2021. Between at least 1979 and 2001, the Site was occupied by two gasoline filling stations along the northern and southern portions. Between 2003 and 2021, the Site was occupied by a single gasoline filling station in the central portion. Site operations ceased in November 2021, and all on-site buildings were demolished in July and August 2022. The Site is currently listed on the NYSDEC Petroleum Bulk Storage database with three closed-removed 12,000-gallon gasoline USTs, and five closed-removed 4,000-gallon gasoline USTs. Past owners of the Site include: Mobile Oil Corporation in 1979; Amoco Oil Company in 1990; BP Products North America Inc. in 2008; and 350 Rising LLC from 2021 to 2024. The current Site owner is 350 GC Property Owner LLC (from 2024 to present).

The Site was entered into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program on May 4, 2022. The 350 GC Property Owner LLC (Volunteer) recently acquired the Site from 350 Rising LLC (Former Volunteer), and a Brownfield Cleanup Amendment (BCA) Amendment was approved by NYSDEC on February 12, 2025 to reflect the change in the BCP Volunteer entity. It is noted that the Site also has E-Designations with the NYC Office of Environmental Remediation for Hazardous Materials, Air Quality, and Noise.

The proposed development, which will be implemented under a forthcoming Remedial Action Work Plan and submitted to NYSDEC for approval, is still being finalized and is subject to change, but will likely include a 14-story mixed-use commercial (grocery store) and residential building with Site-wide excavation to

approximately 15 feet below ground surface (bgs) with two additional deeper excavations to remove the petroleum contamination beyond the excavation depths for the building (one in grids B1/2 and another in grids B3/B4); however, bedrock may limit the excavation depth in some areas of the Site.

SITE ENVIRONMENTAL HISTORY

PREVIOUS INVESTIGATIONS

The following environmental reports were completed for the Site and are included in Attachment 1:

1. Phase I Environmental Site Assessment – 350 and 370 Grand Concourse, Bronx, NY, AKRF, October 2021
2. Subsurface (Phase II) Investigation Report – 350 and 370 Grand Concourse, Bronx, NY, AKRF, October 2021
3. Phase I Environmental Site Assessment – 350 Grand Concourse, Bronx, NY, AKRF, November 2024
4. Interim Remedial Measure Construction Completion Report (DRAFT) – 350 Grand Concourse, Bronx, NY, AKRF, April 2025
5. Remedial Investigation Report (DRAFT) – 350 Grand Concourse, Bronx, NY, AKRF, July 2025

SITE GEOLOGY

The following geologic and hydrogeological conditions at the Site based on the draft July 2025 Remedial Investigation Report are noted below:

- The stratigraphy of the Site consisted of fill up to approximately 4 to 20 feet bgs, characterized by silt with sand, brick, gravel, asphalt, and glass across the Site. The fill was generally underlain by either apparent native soil (silt, sand, and clay with gravel) to the terminus of the borings (5 to 25 feet bgs) or apparent weathered bedrock encountered between 5 to 24 feet bgs.
- Based on site-specific measurements at the monitoring well locations on February 11, 2022, the groundwater elevation across the Site ranges from approximately 14.5 to 21.5 feet (North American Vertical Datum of 1988), or from approximately 13.9 to 18.1 feet bgs. The inferred groundwater flow direction is southwesterly. Groundwater flow direction beneath the Site can be affected by many factors including subsurface openings or obstructions such as basements, underground utilities, bedrock geology, and other factors. Groundwater in the Bronx is not used as a source of drinking water.

Additional details regarding the Site geology can be found in the draft July 2025 Remedial Investigation Report listed above, and the boring logs from this sampling event, which are included as Attachment 2.

DESCRIPTION OF WASTE CHARACTERIZATION SOIL SAMPLING PROCEDURES

On May 19 through 22, 2025, AKRF oversaw the advancement of borings within grids designated as A1 through A4 and B1 through B4 to depths up to 24 feet bgs to profile material in approximately 75-foot by 50-foot grids, using Geoprobe® direct push probe technologies. A Site plan depicting the boring locations and the Site divided into the aforementioned grids is provided on Figure 2. Taking into consideration the proposed excavation plan and the Site's topography, sample depths were chosen to separately characterize each grid vertically in three intervals to 15 feet bgs (0 - 5 feet bgs, 5 - 10 feet bgs, and 10 - 15 feet bgs), with the exception of grid A4 at 10 - 15 feet bgs, due to all four borings in this grid encountering bedrock before 10.5 feet bgs. Furthermore, soil was characterized beyond the proposed construction excavation depth of 15 feet bgs to characterize two petroleum "hotspots" where the remedial excavation is likely to extend deeper than the construction excavation in grids B1/2 up to 25 feet bgs and B3/4 up to 20 feet bgs.

This waste characterization sampling was performed concurrently with the Supplemental Remedial Investigation (SRI) performed under the BCP. Many of the borings were utilized to collect both SRI and waste characterization samples

Soil samples were collected to provide analytical data per typical disposal facility guidelines at a frequency of one composite and grab sample at an approximate frequency of 700 cubic yards. The composite samples were collected across each sampling interval and analyzed for: semi-volatile organic compounds (SVOCs) plus 20 tentatively identified compounds (TICs) by United States Environmental Protection Agency (EPA) Method 8270; total analyte list metals plus boron and tin by EPA Method 6000/7000 series; toxicity characteristic leaching procedure eight Resource Conservation and Recovery Act (RCRA) metals plus copper, nickel and zinc by EPA Methods 6010 and 7470; polychlorinated biphenyl (PCBs) by EPA Method 8082; pesticides by EPA Method 8081; herbicides by EPA Method 8151; cyanide by EPA Method 9012B; New Jersey extractable petroleum hydrocarbon by EPA Method NJDEP EPH; hexavalent chromium by EPA Method 7196A; RCRA characteristics (ignitability, corrosivity, and reactivity); and total organic halogens by EPA Method 9023. The composite sample from 0 to 5-foot bgs interval for grid B4 (B4_0-5_20250522) was additionally analyzed for paint filter. Minimum five-point composite samples were composited across their respective vertical interval from four borings (per grid and per interval) except as noted in Table 1 below.

Table 1
Borings Utilized for Composite Sample

Grid ID	Approximate Vertical Interval Depth (feet bgs)				
	0 - 5	**5 - 10**	**10 - 15**	**15 - 20**	**20 - 25**
A1	SRI-SB-A1-1 SRI-SB-A1-2 SRI-SB-A1-3 SRI-SB-A1-4	SRI-SB-A1-1 SRI-SB-A1-2 SRI-SB-A1-3	SRI-SB-A1-1 SRI-SB-A1-2	No Composite Sample Collected *(Beyond Excavation Depth)*	No Composite Sample Collected *(Beyond Excavation Depth)*
A2	SRI-SB-A2-1 SRI-SB-A2-2 SRI-SB-A2-3 SRI-SB-A2-4	SRI-SB-A2-1 SRI-SB-A2-2 SRI-SB-A2-3 SRI-SB-A2-4	SRI-SB-A2-1 SRI-SB-A2-2 SRI-SB-A2-3 SRI-SB-A2-4	No Composite Sample Collected *(Beyond Excavation Depth)*	No Composite Sample Collected *(Beyond Excavation Depth)*
A3	SRI-SB-A3-1 SRI-SB-A3-2 SRI-SB-A3-3 SRI-SB-A3-4	SRI-SB-A3-1 SRI-SB-A3-2 SRI-SB-A3-3 SRI-SB-A3-4	SRI-SB-A3-1 SRI-SB-A3-2 SRI-SB-A3-3 SRI-SB-A3-4	No Composite Sample Collected *(Beyond Excavation Depth)*	No Composite Sample Collected *(Beyond Excavation Depth)*
A4	SRI-SB-A4-1 SRI-SB-A4-2 SRI-SB-A4-3 SRI-SB-A4-4	SRI-SB-A4-1 SRI-SB-A4-2 SRI-SB-A4-3 SRI-SB-A4-4	No Composite Sample Collected *(Bedrock)*	No Composite Sample Collected *(Beyond Excavation Depth)*	No Composite Sample (Collected) *(Beyond Excavation Depth)*
B1	SRI-SB-B1-1 SRI-SB-B1-2 SRI-SB-B1-3 SRI-SB-B1-4	SRI-SB-B1-2 SRI-SB-B1-3 SRI-SB-B1-4	SRI-SB-B1-2 SRI-SB-B1-3 SRI-SB-B1-4	SRI-SB-B1-2 SRI-SB-B1-4	SRI-SB-B1-4B SRI-SB-B2-3B
B2	SRI-SB-B2-1 SRI-SB-B2-2 SRI-SB-B2-3 SRI-SB-B2-4	SRI-SB-B2-1 SRI-SB-B2-2 SRI-SB-B2-3 SRI-SB-B2-4	SRI-SB-B2-1 SRI-SB-B2-2 SRI-SB-B2-3 SRI-SB-B2-4	SRI-SB-B2-1 SRI-SB-B2-3 SRI-SB-B2-4	
B3	SRI-SB-B3-1 SRI-SB-B3-2C SRI-SB-B3-3B SRI-SB-B3-4	SRI-SB-B3-1 SRI-SB-B3-2B SRI-SB-B3-3 SRI-SB-B3-4	SRI-SB-B3-2A SRI-SB-B3-2B SRI-SB-B3-3 SRI-SB-B3-4	SRI-SB-B3-2A SRI-SB-B3-2C SRI-SB-B3-3 SRI-SB-B3-4	No Composite Sample Collected *(Bedrock)*
B4	SRI-SB-B4-1A SRI-SB-B4-2A SRI-SB-B4-3 SRI-SB-B4-4	SRI-SB-B4-1A SRI-SB-B4-2A SRI-SB-B4-3 SRI-SB-B4-4	SRI-SB-B4-1A SRI-SB-B4-2A SRI-SB-B4-3 SRI-SB-B4-4	SRI-SB-B4-1B SRI-SB-B4-2B SRI-SB-B4-3 SRI-SB-B4-4	No Composite Sample *(Bedrock)*

Soil sample analyses for the grab samples were a minimum of one sample per grid/interval for: volatile organic compounds (VOCs) plus 15 TICs by EPA Method 8260 collected using Encore® sampling devices and total petroleum hydrocarbons [gasoline range organics (GRO) and diesel range organics DRO)] by

EPA method 8015. VOC samples were collected concurrently with the BCP SRI; therefore, included more than one sample per grid/interval. Furthermore, at five locations where per- and polyfluoroalkyl substances (PFAS) were detected during the previous investigation, grab samples were collected and analyzed for synthetic precipitation leaching procedure (SPLP) PFAS.

Gloves worn for sample handling were discarded between sample collections. All borings were backfilled with the soil cuttings. Samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols. The soil samples were analyzed by Eurofins Laboratories, Inc. of Edison, New Jersey, which is certified by the New York State Department of Health Environmental Laboratory Accreditation Program, the New Jersey Department of Environmental Protection, and the Pennsylvania Department of Environmental Protection. Samples were preserved to maintain a temperature of 4 ºC.

The borings were continuously field screened using a photoionization detector (PID) for evidence of VOCs. The PID was calibrated at the start of each day with 100 parts per million (ppm) isobutylene standard gas. At each boring, AKRF field personnel recorded and documented subsurface conditions. Boring logs are included in Attachment 2. Petroleum-like odors, staining, and/or elevated PID readings up to 2,665 ppm. Non-aqueous phase liquid (NAPL) was observed in one boring, SRI-SB-A1-1B, at 5 feet bgs. PID readings and observations (i.e., odors and the presence of NAPL) is summarized in Table 2 below. No odors or elevated PID readings were observed in the remaining borings.

Table 2
Notable PID Readings and Observations

Boring ID	Boring Depth (feet bgs)	Notable PID Readings		Observations (feet bgs)
		Parts Per Million	Depth (feet bgs)	
SRI-SB-A1-1B	15	6.1 - 148.6	2 - 15	Petroleum-like odors and NAPL at 5
SRI-SB-A1-4B	5^	3.5 - 13.8	1 - 5*	Petroleum-like odors at 2
SRI-SB-A2-3	15	3.4	10 - 15	None
SRI-SB-A3-3	15	0.1 - 19.0	1 - 15	None
SRI-SB-B1-4	24^	3.3 - 762.4	12 - 24*	Petroleum-like odors at 14 - 24*
SRI-SB-B1-4B	24^	30.6 - 730.8	20 - 24*[1]	Petroleum-like odors at 20 - 24*
SRI-SB-B2-3	24^	0.4 - 1,588	3 - 24*	Petroleum-like odors at 10 - 24*
SRI-SB-B2-3B	24^	175.2 - 182.4	20 - 24*[1]	None
SRI-SB-B3-2C	20^	0.7 - 2,665	12 - 20*	Petroleum-like odors at 13 - 15
SRI-SB-B3-4	18^	0.3 - 1,750	1 - 18*	Petroleum-like odors at 10 - 18*
SRI-SB-B4-1B	17^	0.7 - 12.7	1 - 15	Petroleum-like odors at 5 - 10
SRI-SB-B4-2B	20^	2.7 - 1,068	13 - 20*	Petroleum-like odors at 13 - 20*
SRI-SB-B4-3	19^	0.3 - 1,192	0 - 19*	Petroleum-like odors at 12 - 19*
SRI-SB-B4-4	20^	8.2 - 1,274	10 - 20*	Petroleum-like odors at 10 - 16

Notes:
^ - Boring encountered refusal at suspect weathered bedrock.
* - PID reading and/or observations was at the boring terminus.
[1] – Boring advanced directly to 20 feet bgs to collect an additional VOC sample based on the corresponding 'A' boring at the same location with no soil sleeves before 20 feet bgs; therefore, there was no soil to log shallower than 20 feet bgs.

WASTE CHARACTERIZATION SOIL RESULTS

AKRF reviewed the laboratory analytical results to assess the general environmental quality of the soils and determine whether any of the materials mandated handling and disposal as regulated hazardous waste. A summary of the results by chemical group is provided below. A copy of the complete laboratory reports are provided in Attachment 3. A description of quality assurance procedures employed during sample collection is included as Attachment 4.

Volatile Organic Compounds

VOCs were detected in several soil samples, with methylcyclohexane having the highest detection of 30 milligrams per kilogram (mg/kg) in sample SRI-B4-4_13-15_20250522.

Semivolatile Organic Compounds

Polycyclic aromatic hydrocarbons, a subset of SVOCs, were detected in several soil samples, with phenanthrene having the highest detection of 1.8 mg/kg in sample A2_0-5_20250520.

Metals

Metals were detected in all the soil samples, including copper (maximum 121 mg/kg in sample B4_10-15_20250522), lead (maximum 434 mg/kg in sample A4_0-5_20250521), mercury (maximum 0.96 mg/kg in sample B1_5-10_20250519), nickel (maximum 41 mg/kg in sample B1_5-10_20250519), and zinc (maximum 260 mg/kg in sample A4_0-5_20250521).

The concentrations of TCLP metals did not exceed the EPA thresholds which would require management as regulated hazardous waste.

Polychlorinated Biphenyls, Pesticides, and Herbicides

No PCBs or herbicides were detected in any of the soil samples.

Pesticides were detected in three samples (A2_0-5_20250520, A2_5-10_20250520, and A2_10-15_20250520), with dieldrin having the highest detection of 0.011 mg/kg in sample A2_5-10_20250520.

Extractable Petroleum Hydrocarbons and Total Petroleum Hydrocarbons

Total EPH was detected in several soil samples with a maximum detection of 470 mg/kg in sample B2_5-10_20250520.

TPH GRO was detected in several soil samples with a maximum detection of 1,000 mg/kg in sample B2_17-19_20250519.

TPH DRO was detected in several soil samples with a maximum detection of 670 mg/kg in sample B2-2_3-5_20250520.

Total Organic Halogens

No total organic halogens were detected in any of the soil samples.

Synthetic Precipitation Leaching Procedure Per- and Polyfluoroalkyl Substances

SPLP PFAS was detected in all five samples collected with perfluorooctanesulfonic acid (PFOS) having the highest detection of 66.7 nanograms per liter in sample SB-01_0-2_20250520.

The full laboratory reports for samples collected as part of waste characterization sampling are included in Attachment C. A description of the quality assurance procedures is included in Attachment D. These results of the waste characterization/delineation soil sampling should be presented to disposal facilities for classification and acceptance in accordance with the individual facility permit requirements and State and Federal regulations.

LIMITATIONS

The findings set forth in this report are strictly limited in scope and time to the date of the evaluation described herein. The findings and recommendations presented in the report are based solely on the services and any limitations described in this report.

This report contains conclusions that are based on the analysis of data collected at the time and locations noted in the report through intrusive sampling. However, further investigation might reveal additional data or variations of the current data, which may differ from our understanding of the conditions presented in this report and require the enclosed recommendations to be reevaluated or modified.

Chemical analyses have been performed for specific parameters during this investigation, as summarized in the text and data. It should be noted that additional chemical constituents, not searched for during this investigation, may be present at the site. Due to the nature of the investigation and the limited data available, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. The presence of biological hazards, radioactive materials, lead-based paint and asbestos-containing materials was not investigated.

This report may be based solely on data collected, conducted, and provided by AKRF. No warranty is expressed or implied by usage of such data. Such data may be included in other investigation reports or documentation. In addition, these reports may have been based upon available previous reports, historical records, and documentation from federal, state and local government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, historical documents, availability and accuracy of collected documentation, and personal recollection of those persons interviewed. In certain instances, AKRF has been required to assume that the information provided is accurate with limited or no corroboratory evidence.

This report is intended for the use solely by 350 GC Property Owner LLC and its Construction Management Team. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

If you have any questions or require further information, please contact Kenneth Wiles at (646) 388-9528 or kwiles@akrf.com.

Sincerely,

AKRF, Inc.

Marc Godick, QEP
Senior Vice President

Kenneth Wiles
Senior Technical Director

Enc.

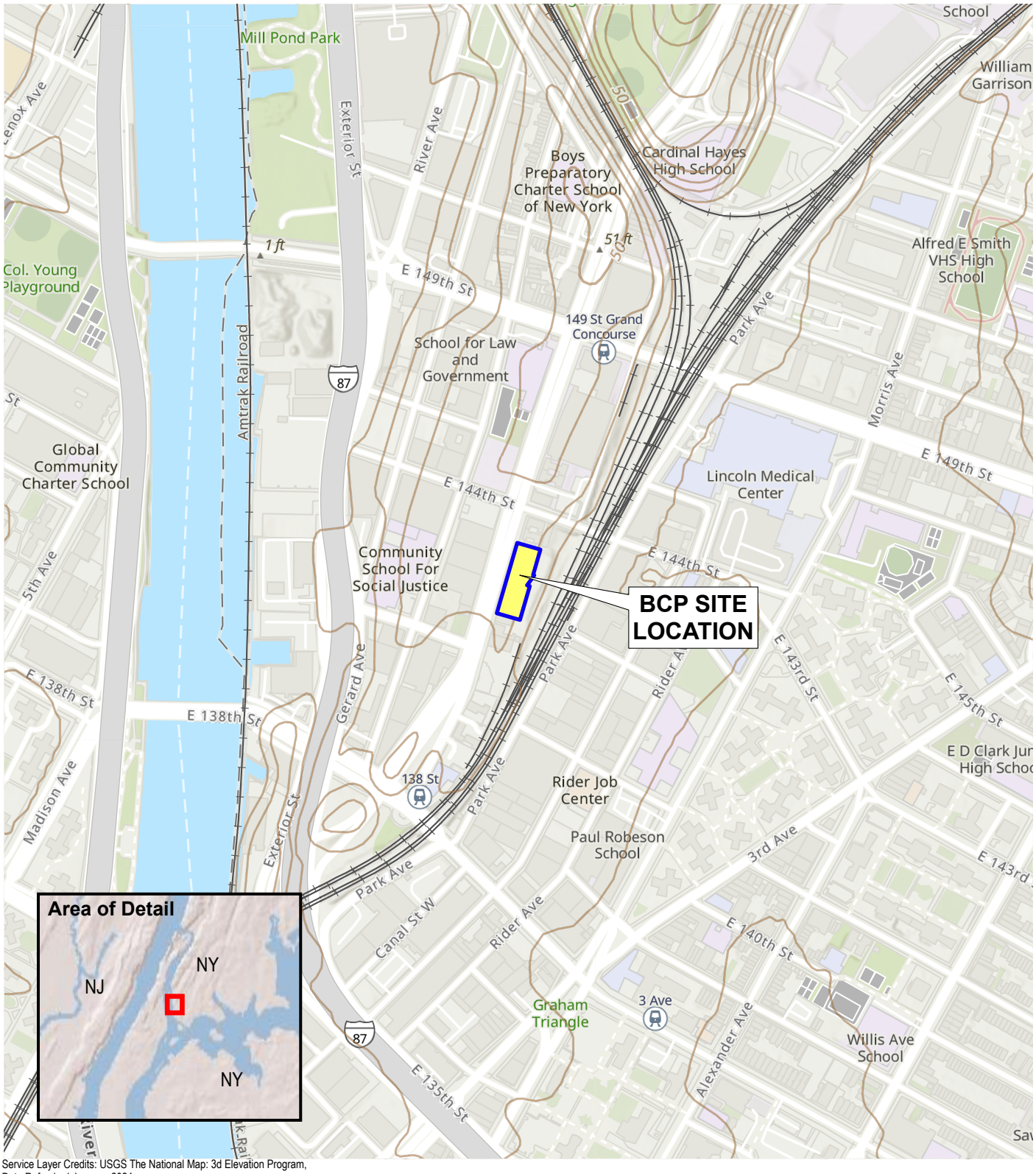
Figures

Figure 1 – Site Location
Figure 2 – Sample Locations

Attachments

Attachment 1 – Previous Environmental Reports
Attachment 2 – Soil Boring Logs
Attachment 3 – Laboratory Analysis Reports
Attachment 4 – Quality Assurance Procedures

FIGURES



AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx6/19/2025 8:14 PM240979 Fig 1 Site Locationjszalus

akrf

440 Park Avenue South, New York, NY 10016

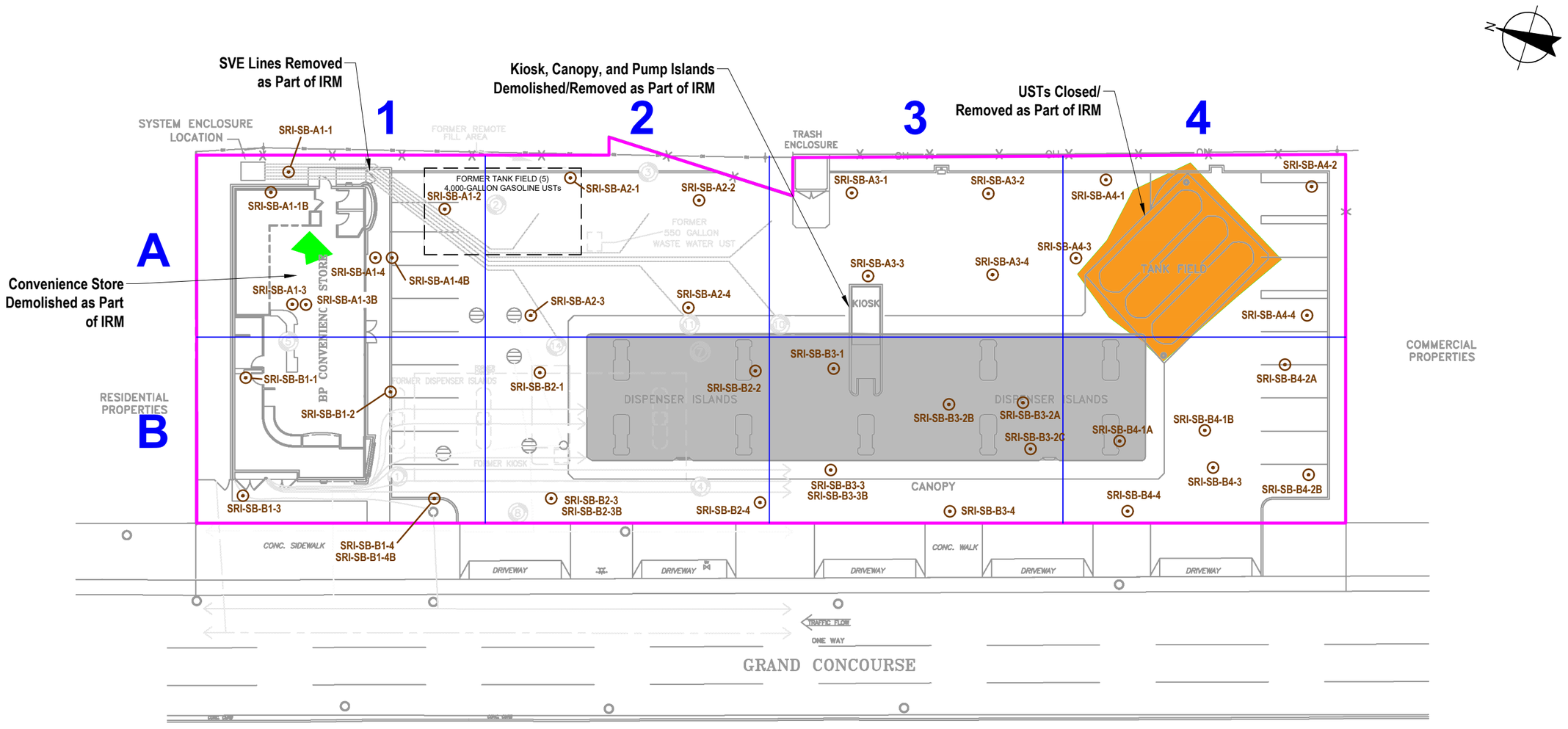
350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
6/19/2025

PROJECT NO.
240979

FIGURE
1



LEGEND

- BCP SITE BOUNDARY
- WASTE CHARACTERIZATION / SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING LOCATION (2025)
- WASTE CHARACTERIZATION GRID
- CONCRETE SLAB WAS REMOVED AND SOIL WAS EXCAVATED ONLY AS NECESSARY TO REMOVE THE FORMER DISPENSER FUEL PIPING.
- REMEDIAL EXCAVATION TO 5 FEET BGS TO REMOVE LEAD (NON-HAZARDOUS HOTSPOT)
- REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*

NOTE:
THE SITE BACKGROUND SHOWS THE FORMER GAS STATION, WHICH HAS BEEN FULLY DEMOLISHED. THE SITE IS NOW VACANT AND FREE OF ANY STRUCTURES.

*UNDERLYING CONCRETE SLAB WAS BENEATH THE USTS. ATTEMPTS WERE MADE TO BREAK THE SLAB; HOWEVER, THEY WERE UNSUCCESSFUL.THEREFORE, NO ENDPOINT SAMPLES WERE ABLE TO BE COLLECTED FROM BENEATH THE USTS.

BGS - BELOW GROUND SURFACE

UST - UNDERGROUND STORAGE TANK

0 15 30 60

SCALE IN FEET

Map Source:

EnviroTrac "370 Grand Concourse Bronx, New York - Site Plan", Figure 2, Dated April 16, 2019.

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

WASTE CLASS SAMPLING LOCATION PLAN

DATE
7/3/2025

PROJECT NO.
240979

FIGURE
2

©2025 AKRF, Inc Q:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\Technical\Hazmat\CAD\240979 Fig 2 Waste Class Sampling Locations.dwg last save: mveilleux 7/3/2025 2:42 PM

ATTACHMENT 1
PREVIOUS ENVIRONMENTAL REPORTS

(See Appendix C of the RAWP)

ATTACHMENT 2
SOIL BORING LOGS

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A1-1

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	52-70°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 09:30 **Finish Time:** 10:00
Date: 05/19/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	22	Top 13": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
2							A1_0-5 _20250519^
3		Bottom 9": Brown SAND, little Concrete, trace Silt (FILL).	ND	Dry	ND	ND	
4							SRI-A1-1_3-5 _20250519*
5							
6	28	Top 9": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	
7		Middle 13": Brown SAND and Fine GRAVEL, trace Silt.	ND	Dry	ND	ND	A1_5-10 _20250519^
8		Bottom 6": Brown SAND, little Silt.	ND	Dry	ND	ND	
9							SRI-A1-1_8-10 _20250519*
10							
11	32	Top 6": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	
12		Next 7": Brown SAND and Fine GRAVEL, trace Silt.	ND	Dry	ND	ND	A1_10-15 _20250519^
13		Next 11": Brown SAND, some Silt.	ND	Moist @ 12'	ND	ND	
14		Bottom 8": Red SAND, little Silt.	ND	Moist	ND	ND	SRI-A1-1_13-15 _20250519*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: SVOCs and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-1B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 14:00	Finish Time: 14:30
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Rain/Overcast	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	21	Top 7": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
2		Bottom 14": Brown SAND, little Silt, trace Clay, fine Gravel, Brick (FILL).	ND	Dry	9.3	ND	
3			ND	Dry	8.6	ND	
4			ND	Dry	6.1	ND	SRI-A1-1B_3-5_20250522*
5							
6	24	Top 4": Fine GRAVEL (FILL) (NAPL @ 5').	Petroleum-like	Wet	59.1	Yes	SRI-A1-1B_5-7_20250522*
7		Bottom 20": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	43.2	ND	
8							
9							
10							
11	34	Top 11": Fine GRAVEL (SLOUGH).	Petro-like	Wet	148.6	Yes	
12		Bottom 23": Brown SAND, trace Silt, fine Gravel.	ND	Dry	9.7	ND	
13							
14							SRI-A1-1B_13-15_20250522*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-2
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 10:00	Finish Time: 10:30
	Driller:	Coastal Environmental		
	Weather:	52-70°F, Clear	Date: 05/19/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	33	Top 6": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 27": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Dry	ND	ND	A1_0-5 _20250519^
3							
4							SRI-A1-2_3-5 _20250519*
5							
6	40	Brown SAND, little Silt, trace fine Gravel, Brick, Concrete (FILL).	ND	Dry	ND	ND	
7							A1_5-10 _20250519^
8							
9							SRI-A1-2_8-10 _20250519*
10							
11	22	Top 9": Brown SAND, little Silt, trace fine Gravel, Brick, Concrete (FILL).	ND	Dry	ND	ND	
12							A1_10-15 _20250519^
13		Bottom 13": Brown SAND, trace Silt.	ND	Dry	ND	ND	
14							SRI-A1-2_13-15 _20250519*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A1-3

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	52-70°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 08:15 **Finish Time:** 09:00
Date: 05/19/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	17	Top 10": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
2		Bottom 7": Brown SAND, little Brick, trace Silt, fine Gravel, Glass (FILL).	ND	Dry	ND	ND	A1_0-5 _20250519^
3							
4							SRI-A1-3A_3-5 _20250519*
5							
6	31	Top 12": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	A1_5-10 _20250519^
7		Middle 11": Brown SAND, little Brick, trace Silt, fine Gravel, Glass (FILL).	ND	Dry	ND	ND	
8							SRI-A1-3A_7-9 _20250519*
9		Bottom 8": Light Brown SAND, little fine Gravel, trace Silt.	ND	Dry	ND	ND	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: SVOCs and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 9 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-3B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:30	Finish Time: 10:00
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Rain/Overcast	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 7": Fine GRAVEL and BRICK (FILL).	ND	Dry	ND	ND	
2		Bottom 23": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	
3							
4							SRI-A1-3B_3-5_20250522*
5							
6	19	Brown SAND, some Brick, fine Gravel, trace Silt (FILL).	ND	Dry	ND	ND	
7							
8							SRI-A1-3B_7-9_20250522*
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 10 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 10:30	Finish Time: 11:00
	Driller:	Coastal Environmental		
	Weather:	52-70°F, Clear	Date: 05/19/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	29	Top 7": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 19": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A1_0-5_20250519^
3							
4							
5		Bottom 3": CONCRETE (FILL).	ND	Dry	ND	ND	SRI-A1-4_3-5_20250519*
	3	CONCRETE (FILL).	ND	Dry	ND	ND	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: SVOCs and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 5.5 feet below grade due to refusal on concrete.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A1-4B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 14:30	Finish Time: 14:45
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Rain/Overcast	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 7": Brown SAND, some Silt, trace Brick (FILL).	ND	Dry	3.5	ND	
3		Next 3": Black GRAVEL (FILL).	Petro-like	Dry	13.8	ND	
4		Next 8": Brown SAND, some Silt, little Brick, trace fine Gravel (FILL).	ND	Dry	5.6	ND	SRI-A1-4B_3-5_20250522*
5		Bottom 12":Brown SAND, little Clay, trace Silt.	ND	Dry	5.2	ND	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 5 feet below grade due to refusal on suspected concrete.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A2-1
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:00	Finish Time: 09:30
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	31	Top 12": CONCRETE (FILL).	ND	Dry	ND	ND	
2							A2_0-5 _20250520^
3		Bottom 19": Brown SAND, little Silt, fine Gravel, trace Brick, Roots (FILL).	ND	Dry	ND	ND	
4							SRI-A2-1_3-5 _20250520*
5							
6	30	Top 2": CONCRETE (SLOUGH).	ND	Dry	ND	ND	
7		Bottom 28": Brown SAND, some Crushed Rock, little Silt, trace Brick, fine Gravel, Roots (FILL).	ND	Dry	ND	ND	A2_5-10 _20250520^
8							
9							SRI-A2-1_8-10 _20250520*
10							
11	33	Top 8": CONCRETE (SLOUGH).	ND	Dry	ND	ND	
12		Bottom 25": Brown SAND, little Silt, trace fine Gravel, Brick, Roots (FILL).	ND	Dry	ND	ND	A2_10-15 _20250520^
13							
14							SRI-A2-1_13-15 _20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A2-2
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 08:30	Finish Time: 09:00
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	43	Top 5": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 38": Brown SAND, little Silt, trace Brick, Concrete, Roots (FILL).	ND	Dry	ND	ND	A2_0-5_20250520^
3							
4							SRI-A2-2_3-5_20250520*
5							
6	35	Top 18": CONCRETE and Brown SAND, little Silt, trace Brick, Roots (SLOUGH).	ND	Dry	ND	ND	
7							A2_5-10_20250520^
8		Bottom 17": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
9							SRI-A2-2_8-10_20250520*
10							
11	32	Top 18": Gray SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
12		Bottom 14": Red-Brown SAND, trace fine Gravel, Roots.	ND	Dry	ND	ND	A2_10-15_20250520^
13							
14							SRI-A2-2_13-15_20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:

^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.

*** - SRI Sample: VOCs, SVOCs, and TAL Metals**

**** - SRI Sample: VOCs**

Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A2-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 49-67°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 10:30 Date: 05/20/2025	Finish Time: 11:00

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	38	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 29": Brown SAND, some Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	A2_0-5 _20250520^
3							
4							SRI-A2-3_3-5 _20250520*
5							
6	14	Brown SAND, little Concrete, Silt, trace Brick (FILL).	ND	Dry	ND	ND	
7			ND	Moist @7'	ND	ND	A2_5-10 _20250520^
8							
9							SRI-A2-3_8-10 _20250520*
10							
11	16	Brown SAND, little Concrete, Silt, trace Brick (FILL).	ND	Moist	3.4	ND	SRI-A2-3_10-12 _20250520*
12							
13							
14							A2_10-15 _20250520^
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A2-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 07:30	Finish Time: 08:00
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	16	Top 2": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 2": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A2_0-5 _20250520^
3		Bottom 12": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	
4							SRI-A2-4_3-5 _20250520*
5							
6	21	Top 6": CONCRETE (SLOUGH).	ND	Dry	ND	ND	
7		Bottom 15": Dark Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A2_5-10 _20250520^
8							
9							SRI-A2-4_8-10 _20250520*
10							
11	39	Top 16": Dark Brown SAND, little Silt, trace Glass, Ceramic, Brick (FILL).	ND	Dry	ND	ND	
12							A2_10-15 _20250520^
13		Bottom 23": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
14							SRI-A2-4_13-15 _20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A3-1
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 49-67°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 12:30 Date: 05/20/2025	Finish Time: 13:00

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	40	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 31": Brown SAND, little Silt, trace Brick, Coal, fine Gravel (FILL).	ND	Dry	ND	ND	A3_0-5 _20250520^
3							
4							SRI-A3-1_3-5 _20250520*
5							
6	54	Top 17": Brown SAND, little Silt, trace Brick, fine Gravel, Concrete (FILL).	ND	Dry	ND	ND	
7							A3_5-10 _20250520^
8		Bottom 37": Red-Brown SILTY SAND, trace fine Gravel.	ND	Dry	ND	ND	
9							SRI-A3-1_8-10 _20250520*
10							
11	42	Top 7": Brown SAND, some fine Gravel, trace Brick, Silt (SLOUGH).	ND	Dry	ND	ND	
12		Middle 25": Red-Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	A3_10-15 _20250520^
13							
14		Bottom 10": Light Brown SAND, little Silt.	ND	Dry	ND	ND	SRI-A3-1_13-15 _20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A3-2

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	49-67°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 12:00 **Finish Time:** 12:30
Date: 05/20/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	50	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 42": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A3_0-5_20250520^
3							
4							SRI-A3-2_3-5_20250520
5							
6	53	Top 26": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
7							A3_5-10_20250520^
8		Bottom 27": Red-Brown SILTY SAND.	ND	Dry	ND	ND	
9							SRI-A3-2_8-10_20250520
10							
11	34	Top 10": Brown SAND, little Silt, Concrete, trace Brick (SLOUGH).	ND	Dry	ND	ND	
12		Middle 17": Red-Brown SAND, some Silt.	ND	Dry	ND	ND	A3_10-15_20250520^
13							
14							SRI-A3-2_13-15_20250520*
15		Bottom 7": Light Brown SAND, little fine Gravel, trace Silt.	ND	Dry	ND	ND	
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A3-3		
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling			
	Sampling Method:	5' macrocore	Start Time: 11:00		Finish Time: 11:30	
	Driller:	Coastal Environmental				
	Weather:	49-67°F, Clear	Date: 05/20/2025			
	Logged By:	M. Miller, AKRF				

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	31	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 15": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	1.3	ND	A3_0-5 _20250520^
3			ND	Dry	2.5	ND	
4		Bottom 7": Brown SAND, some Silt (FILL).	ND	Dry	19.0	ND	
5			ND	Dry	8.0	ND	SRI-A3-1_3-5 _20250520
6	35	Top 6": Brown SAND and CONCRETE (SLOUGH).	ND	Dry	0.1	ND	
7		Middle 17": Red SAND, little Silt.	ND	Dry	0.3	ND	SRI-A3-3_5-7 _20250520
8							
9		Bottom 12": Light Brown SAND, trace Silt.	ND	Dry	0.2	ND	A3_5-10 _20250520^
10							
11	37	Top 7": Brown SAND, some Silt, Concrete (SLOUGH).	ND	Dry	ND	ND	
12		Bottom 30": Light Brown SAND, trace Silt.	ND	Dry	0.5	ND	SRI-A3-3_10-12 _20250520*
13							
14							A3_10-15 _20250520^
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A3-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 11:30	Finish Time: 12:00
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	23	Top 11": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 12": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	A3_0-5 _20250520^
3							
4							SRI-A3-4_3-5 _20250520
5							
6	37	Top 7": Brown SAND and Fine GRAVEL (FILL).	ND	Dry	ND	ND	
7		Next 5": CONCRETE (FILL).	ND	Dry	ND	ND	
8		Next 15": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Dry	ND	ND	SRI-A3-4_6-8 _20250520
9		Next 4": Fine GRAVEL, trace Sand (FILL).	ND	Dry	ND	ND	A3_5-10 _20250520^
10		Bottom 6": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Dry	ND	ND	
11	35	Top 10": Fine GRAVEL, trace Sand (SLOUGH).	ND	Dry	ND	ND	
12		Bottom 25": Red-Brown SAND, some Silt.	ND	Dry	ND	ND	A3_10-15 _20250520^
13							
14							SRI-A3-4_13-15 _20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A4-1

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	49-67°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 13:00 **Finish Time:** 13:30
Date: 05/20/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 31": Brown SAND, little Silt, Brick, trace fine Gravel (FILL).	ND	Dry	ND	ND	A4_0-5 _20250521^
3							
4							SRI-A4-1_3-5 _20250520*
5							
6	18	Top 5": CONCRETE, trace Brick, Sand, Glass (SLOUGH).	ND	Dry	ND	ND	
7		Middle 9": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	A4_5-10 _20250521^
8		Bottom 4": CRUSHED ROCK.	ND	Dry	ND	ND	SRI-A4-1_7-9 _20250520*
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 9 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A4-2

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	49-67°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 13:30 **Finish Time:** 14:00
Date: 05/20/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	28	Top 7": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 2": Brown SAND, some Silt, trace Brick, Glass (FILL).	ND	Dry	ND	ND	A4_0-5 _20250521^
3		Next 8": Fine GRAVEL, little Sand (FILL).	ND	Dry	ND	ND	
4		Bottom 11": Brown SAND, some Brick, Concrete, trace Silt (FILL).	ND	Dry	ND	ND	SRI-A4-2_3-5 _20250520*
5							
6	44	Top 20": Fine GRAVEL, some Sand.	ND	Dry	ND	ND	A4_5-10 _20250521^
7		Middle 18": Brown SILTY SAND.	ND	Dry	ND	ND	SRI-A4-2_6-8 _20250520*
8							
9		Bottom 6": CRUSHED ROCK.	ND	Dry	ND	ND	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 9 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-A4-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 08:00	Finish Time: 08:30
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	37	Top 10": CONCRETE (FILL).	ND	Dry	ND	ND	
2							A4_0-5 _20250521^
3		Bottom 27": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Moist @ 2'	ND	ND	
4							SRI-A4-3_3-5 _20250521*
5							
6	21	Top 8": Brown SAND, little Silt, trace fine Gravel, Brick (FILL).	ND	Moist	ND	ND	
7		Bottom 13": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Moist	ND	ND	A4_5-10 _20250521^
8							
9							SRI-A4-3_8-10 _20250521*
10							
11	10	Top 6": Brown SAND, little Silt, trace fine Gravel, Concrete (FILL).	ND	Moist	ND	ND	SRI-A4-3_10-12 _20250521*
12		Bottom 4": CRUSHED ROCK.	ND	Dry	ND	ND	
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 12 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-A4-4

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	50-58°F, Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 09:30 **Finish Time:** 10:00
Date: 05/21/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 14": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 12': Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	A4_0-5 _20250521^
3		Next 4": CONCRETE (FILL).	ND	Dry	ND	ND	
4		Bottom 9": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Moist @ 4'	ND	ND	SRI-A4-4_3-5 _20250521*
5							
6	12	Brown SAND, little Silt, Concrete, trace Brick (FILL).	ND	Moist	ND	ND	A4_5-10 _20250521^
7							SRI-A4-4_6-8 _20250521*
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 8 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B1-1
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 52-70°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 12:45 Finish Time: 13:00 Date: 05/19/2025	

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	27	Top 7": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
2		Middle 15": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	B1_0-5 _20250519^
3							
4		Bottom 5": Light Brown SAND, trace Silt, Crushed Rock.	ND	Dry	ND	ND	SRI-B1-1_3-5 _20250519*
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 5 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B1-2
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 52-70°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 11:30 Date: 05/19/2025	Finish Time: 12:00

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	38	Top 10": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 14": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	B1_0-5 _20250519^
3		Next 4": CRUSHED ROCK (FILL).	ND	Dry	ND	ND	
4		Bottom 10": Brown SAND, little Silt trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	SRI-B1-2_3-5 _20250519*
5							
6	28	Top 13": Brown SAND and CONCRETE (FILL).	ND	Dry	ND	ND	SRI-B1-2_5-7 _20250519*
7							
8		Bottom 15": Brown SAND and BRICK, trace Silt, fine Gravel (FILL).	ND	Dry	ND	ND	
9							B1_5-10 _20250519^
10							
11	51	Top 11": BRICK and CONCRETE, some Sand (FILL).	ND	Moist @11'	ND	ND	
12		Bottom 40": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Moist	ND	ND	B1_10-15 _20250519^
13							
14							SRI-B1-2_13-15 _20250519*
15							
16	48	Top 12": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Moist	ND	ND	
17		Middle 10": Brown SILTY SAND, little fine Gravel.	ND	Wet @ 16'	ND	ND	B1_15-20 _20250519^
18		Bottom 26": Brown SILT and CLAY.	ND	Wet	ND	ND	
19							SRI-B1-2_18-20 _20250519**
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 16 feet.
End of soil boring at 20 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B1-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 13:00	Finish Time: 13:30
	Driller:	Coastal Environmental		
	Weather:	52-70°F, Clear	Date: 05/19/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	12	Top 5": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 7": Brown SAND, some Silt, trace Brick, Clay (FILL).	ND	Dry	ND	ND	B1_0-5 _20250519^
3							
4							SRI-B1-3_3-5 _20250519*
5							
6	33	Top 10": Brown SAND and CRUSHED ROCK.	ND	Dry	ND	ND	SRI-B1-3_5-7 _20250519*
7		Bottom 23": Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	
8							
9							B1_5-10 _20250519^
10							
11	18	Brown SAND, some Silt, little Crushed Rock.	ND	Dry	ND	ND	
12							B1_10-15 _20250519^
13							
14							SRI-B1-3_13-15 _20250519*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade due to refusal encountered on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B1-4		
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling			
	Sampling Method:	5' macrocore	Start Time: 13:30		Finish Time: 14:00	
	Driller:	Coastal Environmental				
	Weather:	52-70°F, Clear	Date: 05/19/2025			
	Logged By:	M. Miller, AKRF				

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 22": Brown SAND, some Silt, trace fine Gravel, Brick, Glass (FILL).	ND	Dry	ND	ND	B1_0-5 _20250519^
3							
4							SRI-B1-4_3-5 _20250519*
5							
6	38	Brown SAND, some Silt, trace fine Gravel, Brick, Glass, Concrete (FILL).	ND	Dry	ND	ND	SRI-B1-4_5-7 _20250519*
7							
8							
9							B1_5-10 _20250519^
10							
11	48	Top 14": Brown SAND, some Silt, trace fine Gravel, Brick, Glass, Concrete (FILL).	ND	Dry	ND	ND	
12		Middle 30": Red CLAYEY SILT, trace fine Gravel.	ND	Moist @ 12'	3.3	ND	B1_10-15 _20250519^
13							
14							SRI-B1-4_13-15
15		Bottom 4": Brown SAND, some Silt, trace Crushed Rock.	Petroleum-like	Moist	36.3	ND	_20250519*
16	60	Top 31": Brown SILT and CLAY.	Petroleum-like	Wet @ 15'	ND	ND	B1_15-20 _20250519^
17							
18		Next 7": Brown SAND, some Silt, trace Clay, fine Gravel.	Petroleum-like	Wet	10.3	ND	SRI-B1-4_17-19
19		Next 9": Black SAND.	Petroleum-like	Moist @ 18'	762.4	ND	_20250519**
20		Bottom 13": Red CLAYEY SILT.	Petroleum-like	Moist	22.4	ND	

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 15 feet.
End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B1-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:30	Finish Time: 09:45
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	58	Top 32": Black SAND, some Silt.	Petroleum-like	Wet	451.2	ND	
22			Petroleum-like	Wet	229.3	ND	
23		Middle 18": Black SAND, some Silt, trace red Clay.	Petroleum-like	Wet	76.1	ND	
24		Bottom 8": Red CLAYEY SILT.	Petroleum-like	Wet	17.0	ND	SRI-B1-4_22-24_20250520**
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 15 feet.
End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B1-4B

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	48-52°F, Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 12:00 **Finish Time:** 12:15
Date: 05/22/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	58	Top 38": Brown SAND, some Silt.	Petroleum-like	Wet	312.2	ND	B1-B2_20-25 _20250522^
22			Petroleum-like	Wet	460.3	ND	
23		Bottom 20": Red SILT.	Petroleum-like	Moist	730.8	ND	
24			Petroleum-like	Moist	30.6	ND	
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH.
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B2-1		
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling			
	Sampling Method:	5' macrocore	Start Time: 14:15		Finish Time: 14:30	
	Driller:	Coastal Environmental				
	Weather:	52-70°F, Clear	Date: 05/19/2025			
	Logged By:	M. Miller, AKRF				

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	24	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 15": Brown SAND, little Silt, trace fine gravel (FILL).	ND	Dry	ND	ND	B2_0-5 _20250520^
3							
4							SRI-B2-1_3-5 _20250519*
5							
6	30	Top 5": CONCRETE and Brown SAND (SLOUGH).	ND	Dry	ND	ND	
7		Brown 25": Brown SAND, little Silt, trace fine Gravel, metal (FILL).	ND	Dry	ND	ND	B2_5-10 _20250520^
8							
9							SRI-B2-1_8-10 _20250519*
10							
11	39	Top 32": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
12							B2_10-15 _20250520^
13							
14		Bottom 7": Red-Brown CLAYEY SILT.	ND	Moist @15'	ND	ND	SRI-B2-1_13-15 _20250519*
15							
16	46	Top 9": Brown SAND, some Silt, trace fine Gravel.	ND	Moist	ND	ND	
17		Middle 23": Red-Brown SAND, some Silt, trace fine Gravel.	ND	Wet @17'	ND	ND	B2_15-20 _20250520^
18							
19		Bottom 14": Grey SILTY SAND, trace Clay.	ND	Moist @19'	ND	ND	SRI-B2-1_18-20 _20250519*
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 17 feet.

End of soil boring at 20 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B2-2
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 08:00	Finish Time: 08:30
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	46	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 38": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	B2_0-5_20250520^
3							
4							SRI-B2-2_3-5_20250520*
5							
6	24	Top 4": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
7		Next 2": CONCRETE (FILL).	ND	Dry	ND	ND	B2_5-10_20250520^
8		Next 10": Black SILTY SAND, trace Wood, Plastic (FILL).	ND	Moist @7'	ND	ND	
9		Bottom 8": Brown SAND, some Silt.	ND	Moist	ND	ND	SRI-B2-2_8-10_20250520*
10							
11	48	Top 13": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
12		Bottom 35": Tan SAND, trace Silt.	ND	Dry	ND	ND	B2_10-15_20250520^
13							
14							SRI-B2-2_13-15_20250520*
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 15 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B2-3

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	52-70°F, Clear
Logged By:	M. Miller, AKRF

Drilling
Start Time: 14:00 **Finish Time:** 14:15
Date: 05/19/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	40	Top 8": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 12": Dark Brown SAND, some Silt, trace fine Gravel, Concrete (FILL).	ND	Dry	ND	ND	B2_0-5 _20250520^
3		Bottom 20": Brown SAND, some Silt, trace fine Gravel.	ND	Moist @3'	0.4	ND	
4							SRI-B2-3_3-5 _20250519*
5							
6	41	Top 22": Brown SAND, some Silt, trace fine Gravel.	ND	Moist	ND	ND	
7							B2_5-10 _20250520^
8		Bottom 19": Red-Brown SILTY SAND.	ND	Moist	0.5	ND	
9							SRI-B2-3_8-10 _20250519*
10							
11	38	Top 30": Red-Brown SILTY SAND.	Petroleum-like	Moist	8.2	ND	
12			Petroleum-like	Moist	13.5	ND	B2_10-15 _20250520^
13			Petroleum-like	Moist	385.2	ND	
14		Bottom 8": Brown SAND, some Silt, trace fine Gravel.	Petroleum-like	Moist	610.4	ND	SRI-B2-3_13-15 _20250519*
15			Petroleum-like	Moist	1,220	ND	
16	60	Top 20": Brown SAND, some Silt, trace fine Gravel.	Petroleum-like	Wet @ 15'	135.2	ND	
17		Middle 19": Black SAND, trace Crushed Rock.	Petroleum-like	Wet	964.2	ND	B2_15-20 _20250520^
18			Petroleum-like	Wet	1,499	ND	
19		Bottom 21": Red CLAYEY SILT, trace fine Gravel.	Petroleum-like	Wet	123.2	ND	SRI-B2-3_17-19 _20250519*
20			Petroleum-like	Wet	19.0	ND	

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B2-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:45	Finish Time: 10:00
	Driller:	Coastal Environmental		
	Weather:	49-67°F, Clear	Date: 05/20/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	58	Top 12": Black SILTY SAND, trace red Clay.	Petroleum-like	Wet	1,221	ND	
22		Middle 34": Black SAND, some Silt, trace fine Gravel.	Petroleum-like	Wet	1,256	ND	
23			Petroleum-like	Wet	1,588	ND	
24		Bottom 12": Red SILT, little Clay.	Petroleum-like	Wet	740.9	ND	SRI-B2-3_22-24_20250520*
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B2-3B

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	48-52°F, Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 12:15 **Finish Time:** 12:30
Date: 05/22/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	32	Top 29": Brown SILTY SAND, trace fine Gravel.	ND	Wet	175.2	ND	
22			ND	Wet	182.4	ND	
23			ND	Wet	566	ND	B1-B2_20-25 _20250522^
24		Bottom 3": Red SILT, trace Clay.	ND	Wet	ND	ND	
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH.
Groundwater encountered during soil boring installation at approximately 15 feet.

End of soil boring at 24 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B2-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 52-70°F, Clear Logged By: M. Miller, AKRF	Drilling Start Time: 14:30 Date: 05/19/2025	Finish Time: 14:45

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	39	Top 10": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Next 17": Brown SAND, little Silt (FILL).	ND	Dry	ND	ND	B2_0-5 _20250520^
3		Next 7": CONCRETE (FILL).	ND	Dry	ND	ND	
4		Bottom 5": Brown SAND, little Silt (FILL).	ND	Dry	ND	ND	SRI-B2-4_3-5 _20250519*
5							
6	33	Top 8": Brown SAND and CONCRETE (FILL).	ND	Dry	ND	ND	B2_5-10 _20250520^
7		Bottom 25": Brown SAND, some Silt.	ND	Dry	ND	ND	
8							SRI-B2-4_7-9 _20250519*
9							
10							
11	29	Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	
12							B2_10-15 _20250520^
13							
14							SRI-B2-4_13-15 _20250519*
15							
16	60	Brown SAND, some Silt, trace fine Gravel.	ND	Moist @15'	ND	ND	
17			ND	Wet @ 17'	ND	ND	
18							B2_15-20 _20250520^
19							
20							

Notes: Soil samples analyzed for:

^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.

*** - SRI Sample: VOCs**

Groundwater encountered during soil boring installation at approximately 17 feet.

End of soil boring at 20 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B3-1
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 50-58°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 11:30 Finish Time: 12:00 Date: 05/21/2025	

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	46	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 14": Brown SAND, little Silt, trace Brick, Metal, Plastic, fine Gravel (FILL).	ND	Dry	ND	ND	B3_0-5_20250521^
3							
4		Bottom 23": Red-Brown SILTY SAND.	ND	Dry	ND	ND	SRI-B3-1_3-5_20250521*
5							
6	17	Top 9": Red-Brown SILTY SAND.	ND	Dry	ND	ND	B3-1_5-10_20250521^
7		Bottom 18": Brown SAND, trace Silt.	ND	Dry	ND	ND	SRI-B3-1_5-7_20250521*
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 7 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B3-2A
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 10:30	Finish Time: 11:00
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	27	Top 7": CONCRETE (FILL).	ND	Dry	ND	ND	
		Bottom 20": Fine GRAVEL, trace Sand (FILL).	ND	Dry	ND	ND	
2							
3							
4							
5							
6	24	Top 4": Brown SAND, little Silt, trace Brick (FILL).	ND	Dry	ND	ND	
		Bottom 20": Fine GRAVEL, trace Sand (FILL).	ND	Dry	ND	ND	
7							
8							
9							
10							
11	41	Top 5": Light Brown SAND, trace Silt, little Brick (FILL).	ND	Dry	ND	ND	
		Next 13": Fine GRAVEL, little Sand (FILL).	ND	Dry	ND	ND	
12		Next 4": Brown SAND, some Brick, trace Silt (FILL).	ND	Dry	ND	ND	B3_10-15 _20250521^
13		Next 7": CONCRETE (FILL).	ND	Dry	ND	ND	
14		Bottom 12": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
15							
16	58	Top 29": Fine GRAVEL, some Sand, trace Concrete (SLOUGH).	ND	Dry	ND	ND	B3_15-20 _20250521^
		Bottom 29": Brown SAND, some Silt, trace fine Gravel.	ND	Moist @ 16'	ND	ND	
17							SRI-B3-2A_16-18_20250521*
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 18 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B3-2B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 50-58°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 10:00 Date: 05/21/2025	Finish Time: 10:30

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	33	Top 7": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 26": Fine GRAVEL, trace brown Sand, Silt (FILL).	ND	Dry	ND	ND	
3							
4							
5							
6	35	Brown SAND, some Silt, trace fine Gravel (FILL).	ND	Dry	ND	ND	
7							B3_5-10 _20250521^
8							
9							SRI-B3-2B_8-10 _20250521*
10							
11	43	Top 12": Fine GRAVEL and Red-Brown SAND, trace Silt (FILL).	ND	Dry	ND	ND	B3_10-15 _20250521^
12		Bottom 31": Red-Brown SAND, some Silt, trace Brick (FILL).	ND	Moist @12'	ND	ND	
13							SRI-B3-2B_12-14_20250521*
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 14 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B3-2C
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 50-58°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 14:00 Date: 05/21/2025	Finish Time: 14:30

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	30	Top 11": CONCRETE (FILL).	ND	Dry	ND	ND	B3_0-5_20250521^
2		Bottom 19": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
3							
4							SRI-B3-2C_3-5_20250521*
5							
6	35	Top 9": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
7		Middle 9": Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	
8		Bottom 17": Brown SAND, some Silt.	ND	Dry	ND	ND	
9							
10							
11	37	Top 8": Brown SAND, little Silt, trace Brick, Concrete (SLOUGH).	ND	Moist @10'	ND	ND	
12		Next 11": Brown SAND, some Silt, trace fine Gravel.	ND	Moist	0.7	ND	
13		Next 13": Gray SAND, some Silt.	Petroleum-like	Moist	2,665	ND	
14							
15		Bottom 5": Red SILT.	Petroleum-like	Moist	35.9	ND	
16	58	Top 1": Red SILT.	ND	Moist	9.3	ND	
		Bottom 57": Light Red SILT.	ND	Moist	5.5	ND	
17							
18							B3_15-20_20250521^
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 20 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B3-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 11:00	Finish Time: 11:30
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	20	Top 12": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 3": Fine GRAVEL (FILL).	ND	Dry	ND	ND	
3							
4		Bottom 5": Brown SAND, some fine Gravel, trace Silt (FILL).	ND	Dry	ND	ND	
5							
6	35	Top 3": Brown SAND, some fine Gravel, trace Silt (FILL).	ND	Dry	ND	ND	
7		Middle 9": Fine GRAVEL, little Brick, trace Sand (FILL).	ND	Dry	ND	ND	B3_5-10 _20250521
8		Bottom 23": Brown SILTY SAND, trace fine Gravel.	ND	Dry	0.5	ND	
9							SRI-B3-3_8-10 _20250521*
10							
11	56	Top 9": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	
12		Middle 40": Brown SILTY SAND, trace fine Gravel.	ND	Moist @ 11'	ND	ND	B3_10-15 _20250521^
13							
14							SRI-B3-3_13-15 _20250521*
15		Bottom 7": CRUSHED ROCK, some Sand.	ND	Moist	ND	ND	
16	58	Top 12": Fine GRAVEL (SLOUGH).	ND	Dry	ND	ND	
17		Middle 28": Brown SILTY SAND, trace fine Gravel.	ND	Moist	ND	ND	B3_15-20 _20250521^
18							
19		Bottom 18": Gray-Brown SAND, some Silt, trace fine Gravel.	ND	Moist	ND	ND	SRI-B3-3_18-20 _20250521**
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 20 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B3-3B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 11:00	Finish Time: 11:30
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	38	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 24": Brown SAND, little Silt, trace Brick, Concrete, fine Gravel (FILL).	ND	Dry	ND	ND	B3_0-5 _20250521^
3							
4							SRI-B3-3B_3-5 _20250521*
5		Bottom 5": Brown SAND, some Silt.	ND	Dry	ND	ND	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 5 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B3-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 09:30	Finish Time: 10:00
	Driller:	Coastal Environmental		
	Weather:	50-58°F, Overcast/Rain	Date: 05/21/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	43	Top 10": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 7": Brown SAND, some Brick, trace Silt, Concrete (FILL).	ND	Dry	0.4	ND	B3_0-5_20250521^
3		Bottom 26": Brown SAND, some Silt, trace fine Gravel.	ND	Dry	1.6	ND	
4							SRI-B3-4_3-5_20250521*
5							
6	54	Brown SAND and SILT, trace fine Gravel (FILL).	ND	Dry	0.8	ND	
7							SRI-B3-4_6-8_20250521*
8							
9							B3_5-10_20250521^
10							
11	46	Top 18": Brown SAND, some Silt, trace fine Gravel, Brick, Concrete (FILL).	Petroleum-like	Dry	0.3	ND	
12			Petroleum-like	Dry	12.4	ND	B3_10-15_20250521^
13		Bottom 28": Gray SAND, some Silt, trace fine Gravel.	Petroleum-like	Dry	109.4	ND	
14			Petroleum-like	Dry	940.2	ND	SRI-B3-4_13-15_20250521*
15			Petroleum-like	Dry	1,750	ND	
16	33	Top 7": Gray SAND, little Silt, trace fine Gravel, Brick (SLOUGH).	Petroleum-like	Moist @ 15'	565.2	ND	B3_15-20_20250521^
17		Bottom 26": Gray SAND, some Silt, trace fine Gravel	Petroleum-like	Moist	621.5	ND	SRI-B3-4_16-18_20250521**
18			Petroleum-like	Moist	391.6	ND	
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 18 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B4-1A
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 50-58°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 13:00 Date: 05/21/2025	Finish Time: 13:30

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	36	Top 28": Fine GRAVEL and Brown SAND (FILL).	ND	Dry	ND	ND	B4_0-5_20250522^
2							
3							
4		Bottom 8": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Moist @ 4'	ND	ND	SRI-B4-1A_3-5_20250521*
5							
6	29	Top 11": Brown SAND, some Silt, trace Brick, trace fine Gravel (FILL).	ND	Moist	ND	ND	B4_5-10_20250522^
7							
8		Bottom 18": Red-Brown SILTY SAND, trace fine Gravel (FILL).	ND	Moist	ND	ND	
9							SRI-B4-1A_8-10_20250521*
10							
11	39	Top 12": Fine GRAVEL, little Sand (SLOUGH).	ND	Moist	ND	ND	B4_10-15_20250522^
12							
13		Bottom 17": Brown SAND, some Silt, trace Brick, fine Gravel (FILL).	ND	Moist	ND	ND	
14							SRI-B4-1A_13-15_20250521*
15			ND	Wet @ 14'	ND	ND	
16	28	Fine GRAVEL, little Sand, trace Brick (FILL).	ND	Wet	ND	ND	
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater encountered during soil boring installation at approximately 14 feet.

End of soil boring at 23 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B4-1A

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	50-58°F, Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 13:00 **Finish Time:** 13:30
Date: 05/21/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Gravel	Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
21 22 23	24	Fine GRAVEL, trace Sand.	ND	Wet	ND	ND	
24 25							
26 27 28 29 30							
31 32 33 34 35							
36 37 38 39 40							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater encountered during soil boring installation at approximately 14 feet.

End of soil boring at 23 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B4-1B

akrf
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	DPP
Sampling Method:	5' macrocore
Driller:	Coastal Environmental
Weather:	48-52° F , Overcast/Rain
Logged By:	M. Miller, AKRF

Drilling
Start Time: 08:30 **Finish Time:** 09:00
Date: 05/22/2025

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	26	Top 3": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 23": Brown SAND, some fine Gravel, little Silt (FILL).	ND	Dry	2.4	ND	
3							
4							SRI-B4-1B_3-5_20250522*
5							
6	30	Top 9": Gray-Brown SAND, some Brick, trace Silt (FILL).	Petroleum-like	Dry	2.4	ND	
7		Bottom 21": Brown SAND, trace Silt.	Petroleum-like	Dry	12.7	ND	
8							
9							SRI-B4-1B_8-10_20250522*
10							
11	22	Top 9": Red-Brown SAND, little Silt.	ND	Dry	1.3	ND	SRI-B4-1B_10-12_20250522*
12							
13		Middle 4": Gray SAND, some fine Gravel.	ND	Dry	0.7	ND	
14		Bottom 9": Brown SAND, little Silt.	ND	Dry	0.7	ND	
15							
16	15	Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	B4_15-20_20250522^
17							SRI-B4-1B_15-17_20250522**
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
- SRI Sample: VOCs, SVOCs, and TAL Metals
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 17 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979	Soil Boring ID:	SRI-SB-B4-2A
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method: DPP Sampling Method: 5' macrocore Driller: Coastal Environmental Weather: 48-52°F, Overcast/Rain Logged By: M. Miller, AKRF	Drilling Start Time: 09:30 Date: 05/22/2025	Finish Time: 10:00

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 26": Brown SAND, little Silt, trace Brick, Wood, fine Gravel (FILL).	ND	Dry	0.9	ND	B4_0-5_20250522^
3							
4							SRI-B4-2A_3-5_20250522*
5							
6	42	Top 7": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	ND	ND	
7		Bottom 35": Brown SAND, trace Silt, fine Gravel.	ND	Dry	ND	ND	B4_5-10_20250522^
8							
9							SRI-B4-2A_8-10_20250522*
10							
11	17	Brown SAND, trace Silt, fine Gravel.	ND	Dry	ND	ND	B4_10-15_20250522^
12							SRI-B4-2A_11-13_20250522*
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
Groundwater not encountered during soil boring installation.

End of soil boring at 13 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B4-2B
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 13:15	Finish Time: 13:45
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Overcast/Rain	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	32	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Middle 3": Brown SAND, little Silt, trace Glass, Brick (FILL).	ND	Dry	ND	ND	
3		Bottom 20": Brown SAND, trace Silt, fine Gravel (FILL).	ND	Dry	ND	ND	
4							
5							
6	19	Brown SAND, trace Silt, fine Gravel (FILL).	ND	Dry	ND	ND	
7							
8							
9							
10							
11	36	Top 19": Brown SAND, trace Silt, fine Gravel, Brick (FILL).	ND	Dry	ND	ND	
12							
13		Bottom 17": Gray SAND, some Silt.	Petroleum-like	Dry	22.3	ND	
14			Petroleum-like	Dry	52.4	ND	
15			Petroleum-like	Dry	427.2	ND	
16	48	Top 10": Brown SAND, trace Silt, fine Gravel, Brick (SLOUGH).	Petroleum-like	Dry	2.7	ND	
17		Next 25": Gray SAND, some Silt.	Petroleum-like	Moist @16'	506.1	ND	B4_15-20 _20250522^
18							
19		Next 3": CRUSHED ROCK.	Petroleum-like	Moist	194.6	ND	
20		Bottom 10": Gray SAND, some Silt.	Petroleum-like	Moist	1,068	ND	SRI-B4-2B_18-20 _20250522*

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.

End of soil boring at 20 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B4-3
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 10:30	Finish Time: 11:00
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Overcast/Rain	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	27	Top 6": CONCRETE (FILL).	ND	Dry	0.3	ND	
2		Bottom 21": Brown SAND, little Silt, trace Brick, fine Gravel (FILL).	ND	Dry	0.3	ND	B4_0-5 _20250522^
3							
4							SRI-B4-3_3-5 _20250522*
5							
6	37	Brown SAND, little Silt, trace brick, fine Gravel (FILL).	ND	Dry	5.1	ND	
7							B4_5-10 _20250522^
8							
9							SRI-B4-3_8-10 _20250522*
10							
11	43	Top 13": Brown SAND, little Silt, trace fine Gravel (FILL).	ND	Dry	32.8	ND	
12		Middle 17": Black SANDY SILT.	Petroleum-like	Dry	290.5	ND	B4_10-15 _20250522^
13			Petroleum-like	Dry	509.8	ND	
14		Bottom 13": Gray SANDY SILT.	Petroleum-like	Dry	1,192	ND	SRI-B4-3_13-15 _20250522*
15							
16	20	Top 13": Gray SANDY SILT.	Petroleum-like	Dry	278.2	ND	
17			Petroleum-like	Dry	770.5	ND	SRI-B4-3_15-17 _20250522**
18		Bottom 7": Brown SAND, some Silt.	Petroleum-like	Dry	185.8	ND	
19			Petroleum-like	Dry	256.3	ND	B4_15-20 _20250522^
20							

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 19 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Soil Boring Log	350 Grand Concourse AKRF Project Number: 240979		Soil Boring ID:	SRI-SB-B4-4
akrf 440 Park Avenue South, 7th Floor New York, NY 10016	Drilling Method:	DPP	Drilling	
	Sampling Method:	5' macrocore	Start Time: 13:15	Finish Time: 13:45
	Driller:	Coastal Environmental		
	Weather:	48-52°F, Overcast/Rain	Date: 05/22/2025	
	Logged By:	M. Miller, AKRF		

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	41	Top 9": CONCRETE (FILL).	ND	Dry	ND	ND	
2		Bottom 32": Brown SAND, little Silt, Brick, trace Concrete, fine Gravel (FILL).	ND	Dry	ND	ND	B4_0-5_20250522^
3							
4							SRI-B4-4_3-5_20250522*
5							
6	47	Top 9": Brown SAND, little Silt, Brick, trace Concrete, fine Gravel (FILL).	ND	Dry	ND	ND	
7		Middle 26": Brown CLAYEY SILT, some Sand.	ND	Dry	ND	ND	B4_5-10_20250522^
8							
9		Bottom 12": Gray-Brown SANDY SILT, some Clay.	ND	Dry	ND	ND	SRI-B4-4_8-10_20250522*
10							
11	46	Top 5": Brown SAND and BRICK (SLOUGH).	ND	Moist @ 10'	50.9	ND	
12		Middle 15": Brown SILTY SAND.	Petroleum-like	Moist	396.1	ND	B4_10-15_20250522^
13		Bottom 26": Gray SILTY SAND.	Petroleum-like	Moist	892.3	ND	
14			Petroleum-like	Moist	1,274	ND	SRI-B4-4_13-15_20250522*
15							
16	58	Top 9": Gray SILTY SAND.	Petroleum-like	Moist	723.4	ND	SRI-B4-4_15-17_20250522**
17		Bottom 49": Light Red SILT, trace fine Gravel.	ND	Moist	49.6	ND	
18			ND	Moist	13.8	ND	
19			ND	Moist	53.8	ND	B4_15-20_20250522^
20			ND	Moist	8.2	ND	

Notes: Soil samples analyzed for:
^ - Waste Characterization Sample (5-point composite across borings within the same grid): SVOCs +20 TICs, TAL Metals +Boron and Tin, TCLP Eight RCRA Metals + Copper, Nickel and Zinc, PCBs, Pests, Herbs, Cyanide, EPH, Hex Chrome, Ignitability, Corrosivity, Reactivity, and TOX. Each composite waste characterization sample has a grab sample from a 2-foot interval for TPH. VOC grab samples collected as part of the SRI sampling.
*** - SRI Sample: VOCs, SVOCs, and TAL Metals**
**** - SRI Sample: VOCs**
Groundwater not encountered during soil boring installation.
End of soil boring at 20 feet below grade due to refusal on suspected bedrock.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

ATTACHMENT 3
LABORATORY ANALYTICAL REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kenneth Wiles
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 6/13/2025 8:26:18 AM

JOB DESCRIPTION

350 Grand Concourse, Bronx, NY

JOB NUMBER

460-326580-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

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.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
6/13/2025 8:26:18 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 10
Client Sample Results 24
Surrogate Summary 205
QC Sample Results 211
QC Association Summary 358
Lab Chronicle 371
Certification Summary 409
Method Summary 410
Sample Summary 411
Chain of Custody 414
Receipt Checklists 427

Definitions/Glossary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an estimated value.
N	This flag indicates the presumptive evidence of a compound.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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
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

Job Narrative
460-326580-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 samples were received on 5/20/2025 11:59 PM, 5/21/2025 11:10 AM, 5/22/2025 4:00 PM and 5/23/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler received on 5/23/2025 4:00 PM (lab sample IDs beginning with 460-326756) was 4.4°C..

Receipt Exceptions
Receipt temperatures were not recorded on the chain of custody forms for the samples indicated below. Most analytical methods require chilling samples to 4° C. For these methods, the criteria are met if the samples are chilled to below 6° C and above freezing (0°C). Client provided Eurofins all samples on ice and the samples shall be considered acceptable.

Affected samples in job 460-326580:
-samples with lab IDs beginning with 460-326580 (received on 5/20/2025 11:59 PM)
-samples with lab IDs beginning with 460-326644 (received on 5/20/2025 11:59 PM)
-samples with lab IDs beginning with, 460-326694 (received on 5/21/2025 11:10 AM)

Per client request on 5/21, the following sample IDs were corrected: SRI-A3-3 samples should be SRI-A3-4

Due to lab error, the following samples were prepped outside of holding time for VOCs: SRI-A1-3_3-5_20250519 (460-326644-1), SRI-A1-3_7-9_20250519 (460-326644-2), SRI-A1-1_3-5_20250519 (460-326644-5), SRI-A1-1_8-10_20250519 (460-326644-6), SRI-A1-1_13-15_20250519 (460-326644-7), SRI-A1-4_3-5_20250519 (460-326644-10), SRI-A1-4_3-5_20250519 (460-326644-10[MS]) and SRI-A1-4_3-5_20250519 (460-326644-10[MSD]). These samples were canceled by the client since the client recollected these samples.

The Chain-of-Custody (COC) has a disparity between the documented matrix and the matrix received. The following samples are a water, while the COC lists a soil: SRI-FB-3_20250520 (460-326580-4), SRI-TB-3_20250520 (460-326580-25) and SRI-TB-4_20250520 (460-326580-26).

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed:

*Page 4 of the COC was not submitted - the client provided this COC (labeled page 1 of _) on 5/22/25.
*The field and trip blanks on the COC were listed as soils.
*All sample IDs were corrected per client request to include an underscore before the depths instead of a dash.
*Sample SRI-B1-1_3-5" is listed twice with different collection times. The client provided the correct collection times separately.

Several VOA Trip Blanks and Field Blanks were broken and disposed of in the lab: Affected samples are: SRI-FB-1_20250519 (460-326644-29), SRI-FB-2_20250519 (460-326644-30), SRI-TB-1_20250519 (460-326644-31) and SRI-TB-2_20250519 (460-326644-32)

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039794 recovered above the upper control limit for Acrolein. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039794 recovered outside control limits for the following analyte: Acrolein. This analyte was biased high in the LCS/LCSD

and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1040671 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane, Dichlorodifluoromethane and Trichlorofluoromethane (biased low). 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.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039309 recovered above the upper control limit for Dichlorodifluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039309 recovered outside control limits for the following analytes: Acrylonitrile, Chloromethane and Vinyl chloride (biased high) and trans-1,3-Dichloropropene (biased low). These analytes were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039310 recovered outside control limits for the following analytes: Dichlorodifluoromethane (biased high); 1,2-Dibromo-3-Chloropropane and 1,1,2-Trichloroethane (biased low). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1039310 recovered outside control limits for the following analyte: Dichlorodifluoromethane.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039355 was outside the method criteria for the following analyte(s): Chloromethane (biased low); 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon tetrachloride and Trichlorofluoromethane (biased high). 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.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1039355 recovered outside control limits for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-1039604 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene and trans-1,3-Dichloropropene. These analytes were biased LCSD in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following CCVIS contained an allowable number of surrogate compounds outside limits: (CCVIS 460-1039694/1). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039694 recovered above the upper control limit for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039694 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane and Chloroethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039469 recovered above the upper control limit for Acrylonitrile. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-1039469 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside

acceptance criteria without performing re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SRI-B3-4_6-8_20250521 (460-326694-10) and SRI-B3-4_16-18_20250521 (460-326694-12). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1039609 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1039609 recovered outside control limits for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040395 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1040395 recovered outside control limits for the following analyte: 1,2,4-Trichlorobenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040663 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trichlorobenzene and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040662 recovered above the upper control limit for Acrylonitrile. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1040662 recovered outside control limits for the following analytes: Methyl acetate and Acrylonitrile. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate recovery for the following sample was outside control limits: SRI-B2-3_22-24_20250520 (460-326580-16). Evidence of matrix interference is present; therefore, re-analysis was not performed.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1040663 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, Methyl acetate and trans-1,2-Dichloroethene. These analytes were biased high in the LCS/LCSD.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040884 recovered above the upper control limit for Chloromethane and Acrylonitrile. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1040885 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane and Methyl acetate (biased high) and 1,2-Dibromo-3-Chloropropane (biased low). These analytes were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1040795 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trichlorobenzene and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SRI-B3-1_3-5_20250521 (460-326694-20). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1041006 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Job ID: 460-326580-1 (Continued) Eurofins Edison

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1041006 recovered outside control limits for the following analyte: Methyl acetate. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1041007 recovered outside control limits for the following analytes: 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039554 was outside the method criteria for the following analyte(s): Chloromethane, Methyl acetate and Vinyl chloride (biased low); 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane and Carbon tetrachloride (biased high). 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.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1039554 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane and 2-Butanone (MEK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SRI-B2-2_8-10_20250520 (460-326580-6) and SRI-B2-1_3-5_20250519 (460-326644-33). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039470 was outside the method criteria for the following analytes: 1,1,2,2-Tetrachloroethane, Chloromethane and Methyl acetate (biased low) and 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon tetrachloride and Trichlorofluoromethane (biased high). 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 analytes is considered estimated.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1039470 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, Carbon tetrachloride, Dichlorodifluoromethane, Tetrachloroethene, Trichloroethene, Trichlorofluoromethane and trans-1,2-Dichloroethene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following MSD in analytical batch 460-1041319 was outside acceptance criteria: SRI-A1-1B_3-5_20250522 (460-326756-18[MSD]). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-1039663 recovered outside control limits for the following analyte: 1,2,3-Trichlorobenzene. This analyte was biased high in the LCSD and within control limits in LCS, the data have been flagged and reported.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: SRI-B1-4_17-19_20250519 (460-326644-27), SRI-B2-3_13-15_20250519 (460-326644-39) and SRI-B3-4_13-15_20250521 (460-326694-11). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039921 was outside the method criteria for the following analytes: trans-1,2-Dichloroethene and Trichloroethene. 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 analytes is considered estimated.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: SRI-B4-4_13-15_20250522 (460-326756-3). Elevated reporting limits (RLs) are provided.

Method 8260D: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1039921 recovered outside control limits for the following analyte: Carbon disulfide. This analyte was biased low in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The following sample was diluted due to the abundance of non-target analytes: SRI-B2-3_17-19_20250519 (460-326644-41). Elevated reporting limits (RLs) are provided.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: SRI-B4-3_13-15_20250522 (460-326756-24) and SRI-B4-3_15-17_20250522 (460-326756-25). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1039833 was outside the method criteria for the following analyte: Dichlorodifluoromethane (biased low). 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.

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1039833 recovered outside control limits for the following analyte: Carbon disulfide. This analyte was biased low in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1041146 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and 1,1-Dichloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: SRI-B4-2B_18-20_20250522 (460-326756-13). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-4_3-5_20250520 — Lab Sample ID: 460-326580-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0091	J	0.0096	0.0091	mg/Kg	1	☼	8260D	Total/NA
TBA	0.023		0.016	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-4_8-10_20250520 — Lab Sample ID: 460-326580-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
TBA	0.058		0.012	0.0094	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-4_13-15_20250520 — Lab Sample ID: 460-326580-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.076		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
TBA	0.17		0.011	0.0085	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-FB-3_20250520 — Lab Sample ID: 460-326580-4

No Detections.

Client Sample ID: SRI-B2-2_3-5_20250520 — Lab Sample ID: 460-326580-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0036	J	0.0053	0.00039	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.016		0.0064	0.0061	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00065	J	0.0011	0.00045	mg/Kg	1	☼	8260D	Total/NA
TBA	0.017		0.011	0.0084	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00058	J *	0.0011	0.00033	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00025	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-2_8-10_20250520 — Lab Sample ID: 460-326580-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	0.0011		0.0011	0.00047	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00056	J	0.0011	0.00052	mg/Kg	1	☼	8260D	Total/NA
TBA	0.017		0.011	0.0088	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0018		0.0011	0.00026	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-2_13-15_20250520 — Lab Sample ID: 460-326580-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.019		0.010	0.0098	mg/Kg	1	☼	8260D	Total/NA
TBA	0.058		0.017	0.013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-2_3-5_20250520 — Lab Sample ID: 460-326580-8

No Detections.

Client Sample ID: SRI-A2-2_8-10_20250520 — Lab Sample ID: 460-326580-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.21		0.0077	0.0074	mg/Kg	1	☼	8260D	Total/NA
TBA	0.045		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-2_13-15_20250520 — Lab Sample ID: 460-326580-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.069		0.0081	0.0077	mg/Kg	1	☼	8260D	Total/NA
TBA	0.030		0.013	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-1_3-5_20250520 — Lab Sample ID: 460-326580-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00084	J	0.0012	0.00051	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00067	J	0.0012	0.00056	mg/Kg	1	☼	8260D	Total/NA
TBA	0.012		0.012	0.0094	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-1_8-10_20250520 — Lab Sample ID: 460-326580-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00064	J	0.0013	0.00053	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-1_13-15_20250520 — Lab Sample ID: 460-326580-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.014		0.0096	0.0091	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0015	J	0.0016	0.00067	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0011	J	0.0016	0.00074	mg/Kg	1	☼	8260D	Total/NA
TBA	0.043		0.016	0.013	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0011	J	0.0016	0.00037	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-3_13-15_20250520 — Lab Sample ID: 460-326580-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0099	J	0.010	0.0098	mg/Kg	1	☼	8260D	Total/NA
TBA	0.033		0.017	0.013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_22-24_20250520 — Lab Sample ID: 460-326580-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.034		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00042	J	0.0011	0.00029	mg/Kg	1	☼	8260D	Total/NA
TBA	0.033		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_22-24_20250520 — Lab Sample ID: 460-326580-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.013		0.0063	0.00046	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.071		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00082	J	0.0013	0.00033	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0034		0.0013	0.00059	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0047		0.0013	0.00036	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0021		0.0013	0.00053	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00058	J	0.0013	0.00058	mg/Kg	1	☼	8260D	Total/NA
TBA	0.057		0.013	0.0099	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00093	J	0.0013	0.00029	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-3_3-5_20250520 — Lab Sample ID: 460-326580-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.015		0.011	0.0086	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A2-3_8-10_20250520 — Lab Sample ID: 460-326580-18

No Detections.

Client Sample ID: SRI-A2-3_10-12_20250520 — Lab Sample ID: 460-326580-19

No Detections.

Client Sample ID: SRI-A3-3_3-5_20250520 — Lab Sample ID: 460-326580-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0088		0.0074	0.0070	mg/Kg	1	☼	8260D	Total/NA
TBA	0.036		0.012	0.0096	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-3_5-7_20250520 — Lab Sample ID: 460-326580-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.29		0.0069	0.0065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.22		0.011	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-3_13-15_20250520 — Lab Sample ID: 460-326580-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.0074	0.0071	mg/Kg	1	☼	8260D	Total/NA
TBA	0.12		0.012	0.0097	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-4_5-7_20250520 — Lab Sample ID: 460-326580-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
TBA	0.067		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-FB-4_20250520 — Lab Sample ID: 460-326580-24

No Detections.

Client Sample ID: SRI-TB-3_20250520 — Lab Sample ID: 460-326580-25

No Detections.

Client Sample ID: SRI-TB-4_20250520 — Lab Sample ID: 460-326580-26

No Detections.

Client Sample ID: SRI-A3-4_3-5_20250520 — Lab Sample ID: 460-326580-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.010		0.0079	0.0075	mg/Kg	1	☼	8260D	Total/NA
TBA	0.035		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-4_6-8_20250520 — Lab Sample ID: 460-326580-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0079		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.025		0.0099	0.0078	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-4_13-15_20250520 — Lab Sample ID: 460-326580-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.021		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
TBA	0.071		0.010	0.0081	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-2_3-5_20250520 — Lab Sample ID: 460-326580-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
TBA	0.032		0.011	0.0085	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-2_8-10_20250520 — Lab Sample ID: 460-326580-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
TBA	0.034		0.0099	0.0077	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-2_13-15_20250520 — Lab Sample ID: 460-326580-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.054		0.0075	0.0071	mg/Kg	1	☼	8260D	Total/NA
TBA	0.12		0.012	0.0098	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-1_3-5_20250520 — Lab Sample ID: 460-326580-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.11		0.0068	0.0065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.13		0.011	0.0089	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-1_8-10_20250520 — Lab Sample ID: 460-326580-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.031		0.0093	0.0088	mg/Kg	1	☼	8260D	Total/NA
TBA	0.081		0.015	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A3-1_13-15_20250520 — Lab Sample ID: 460-326580-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0082	0.0078	mg/Kg	1	☼	8260D	Total/NA
TBA	0.16		0.014	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-1_3-5_20250520 — Lab Sample ID: 460-326580-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.031		0.0092	0.0088	mg/Kg	1	☼	8260D	Total/NA
TBA	0.079		0.015	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-1_7-9_20250520 — Lab Sample ID: 460-326580-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024		0.0075	0.0072	mg/Kg	1	☼	8260D	Total/NA
TBA	0.073		0.013	0.0098	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-2_3-5_20250520 — Lab Sample ID: 460-326580-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: SRI-A4-2_3-5_20250520 (Continued) — Lab Sample ID: 460-326580-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.050		0.014	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-2_6-8_20250520 — Lab Sample ID: 460-326580-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.035		0.0074	0.0071	mg/Kg	1	☼	8260D	Total/NA
TBA	0.046		0.012	0.0097	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-2_3-5_20250519 — Lab Sample ID: 460-326644-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0073	0.0069	mg/Kg	1	☼	8260D	Total/NA
TBA	0.041		0.012	0.0095	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-2_8-10_20250519 — Lab Sample ID: 460-326644-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA
TBA	0.031		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-2_13-15_20250519 — Lab Sample ID: 460-326644-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.061		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
TBA	0.026		0.011	0.0085	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-1_13-15_20250519 — Lab Sample ID: 460-326644-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0093		0.0056	0.0053	mg/Kg	1	☼	8260D	Total/NA
TBA	0.021		0.0093	0.0073	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-2_3-5_20250519 — Lab Sample ID: 460-326644-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.085		0.0096	0.0091	mg/Kg	1	☼	8260D	Total/NA
TBA	0.21		0.016	0.013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-2_5-7_20250519 — Lab Sample ID: 460-326644-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.045		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA
TBA	0.068		0.010	0.0079	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00028	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-2_13-15_20250519 — Lab Sample ID: 460-326644-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0065	0.0062	mg/Kg	1	☼	8260D	Total/NA
TBA	0.027		0.011	0.0084	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-2_18-20_20250519 — Lab Sample ID: 460-326644-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0068	0.0065	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SRI-B1-2_18-20_20250519 (Continued) — Lab Sample ID: 460-326644-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.0017		0.0011	0.00030	mg/Kg	1	☼	8260D	Total/NA
TBA	0.034		0.011	0.0089	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-2_3-5_20250519 — Lab Sample ID: 460-326644-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00055	J	0.00098	0.00041	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00045	J	0.00098	0.00045	mg/Kg	1	☼	8260D	Total/NA
TBA	0.051		0.0098	0.0077	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-1_3-5_20250519 — Lab Sample ID: 460-326644-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.044		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA
TBA	0.14		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-3_3-5_20250519 — Lab Sample ID: 460-326644-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.038		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
TBA	0.11		0.010	0.0081	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-3_5-7_20250519 — Lab Sample ID: 460-326644-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA
TBA	0.070		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-3_13-15_20250519 — Lab Sample ID: 460-326644-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.14		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.14		0.010	0.0079	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_3-5_20250519 — Lab Sample ID: 460-326644-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0082		0.0056	0.0054	mg/Kg	1	☼	8260D	Total/NA
TBA	0.027		0.0094	0.0074	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_5-7_20250519 — Lab Sample ID: 460-326644-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0068		0.0048	0.00035	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.082		0.0057	0.0055	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00041	J	0.00096	0.00041	mg/Kg	1	☼	8260D	Total/NA
TBA	0.050		0.0096	0.0075	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00030	J	0.00096	0.00022	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_13-15_20250519 — Lab Sample ID: 460-326644-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.013		0.0055	0.00041	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.094		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SRI-B1-4_13-15_20250519 (Continued) — Lab Sample ID: 460-326644-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.0079		0.0011	0.00029	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00058	J	0.0011	0.00047	mg/Kg	1	☼	8260D	Total/NA
TBA	0.089		0.011	0.0087	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_17-19_20250519 — Lab Sample ID: 460-326644-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.052	J	0.11	0.033	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.33		0.11	0.035	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B2-1_3-5_20250519 — Lab Sample ID: 460-326644-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.043		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00049	J	0.0011	0.00048	mg/Kg	1	☼	8260D	Total/NA
TBA	0.12		0.011	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B1-4_18-20_20250519 — Lab Sample ID: 460-326644-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0080		0.0055	0.0053	mg/Kg	1	☼	8260D	Total/NA
TBA	0.020		0.0092	0.0072	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-1_18-20_20250519 — Lab Sample ID: 460-326644-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.016		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-1_13-15_20250519 — Lab Sample ID: 460-326644-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.029		0.010	0.0078	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-1_8-10_20250519 — Lab Sample ID: 460-326644-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.15		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
TBA	0.15		0.0099	0.0077	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_3-5_20250519 — Lab Sample ID: 460-326644-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018		0.0069	0.0065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.047		0.011	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_13-15_20250519 — Lab Sample ID: 460-326644-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	0.69		0.14	0.045	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_8-10_20250519 — Lab Sample ID: 460-326644-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.21		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SRI-B2-3_8-10_20250519 (Continued) — Lab Sample ID: 460-326644-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.21		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-3_17-19_20250519 — Lab Sample ID: 460-326644-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	0.15	J	0.49	0.078	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B2-4_3-5_20250519 — Lab Sample ID: 460-326644-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.20		0.0070	0.0066	mg/Kg	1	☼	8260D	Total/NA
TBA	0.045		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-4_7-9_20250519 — Lab Sample ID: 460-326644-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.032		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
TBA	0.022		0.011	0.0086	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B2-4_13-15_20250519 — Lab Sample ID: 460-326644-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.16		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA
TBA	0.038		0.012	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-4_3_5_20250521 — Lab Sample ID: 460-326694-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.012		0.011	0.0089	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-4_6-8_20250521 — Lab Sample ID: 460-326694-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.012	0.011	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00058	J	0.0019	0.00051	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00096	J	0.0019	0.00081	mg/Kg	1	☼	8260D	Total/NA
TBA	0.055		0.019	0.015	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00051	J	0.0019	0.00045	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-3_3-5_20250521 — Lab Sample ID: 460-326694-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0076		0.0076	0.0073	mg/Kg	1	☼	8260D	Total/NA
TBA	0.019		0.013	0.0099	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00036	J	0.0013	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A4-3_8-10_20250521 — Lab Sample ID: 460-326694-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0078	0.0074	mg/Kg	1	☼	8260D	Total/NA
TBA	0.039		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A4-3_10-12_20250521 — Lab Sample ID: 460-326694-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.042		0.0076	0.0072	mg/Kg	1	☼	8260D	Total/NA
TBA	0.018		0.013	0.0099	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-5_3-5_20250521 — Lab Sample ID: 460-326694-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.013		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-FB-5_20250521 — Lab Sample ID: 460-326694-7

No Detections.

Client Sample ID: SRI-FB-6_20250521 — Lab Sample ID: 460-326694-8

No Detections.

Client Sample ID: SRI-B3-4_3-5_20250521 — Lab Sample ID: 460-326694-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013		0.0066	0.0063	mg/Kg	1	☼	8260D	Total/NA
TBA	0.047		0.011	0.0086	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-4_6-8_20250521 — Lab Sample ID: 460-326694-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.016		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-4_13-15_20250521 — Lab Sample ID: 460-326694-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.31		0.084	0.025	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.55		0.084	0.027	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	1.3		0.084	0.024	mg/Kg	50	☼	8260D	Total/NA
o-Xylene	0.35		0.084	0.027	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B3-4_16-18_20250521 — Lab Sample ID: 460-326694-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0051		0.0048	0.00035	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.022		0.0058	0.0055	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0011		0.00096	0.00026	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.032		0.00096	0.00045	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.054		0.00096	0.00027	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.038		0.00096	0.00048	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.15		0.00096	0.00041	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.048		0.00096	0.00044	mg/Kg	1	☼	8260D	Total/NA
TBA	0.024		0.0096	0.0075	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00034	J	0.00096	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-2B_8-10_20250521 — Lab Sample ID: 460-326694-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.016		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA
TBA	0.067		0.010	0.0080	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B3-2B_12-14_20250521 — Lab Sample ID: 460-326694-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0064	0.0061	mg/Kg	1	☼	8260D	Total/NA
TBA	0.092		0.011	0.0084	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-2A_16-18_20250521 — Lab Sample ID: 460-326694-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0077	0.0073	mg/Kg	1	☼	8260D	Total/NA
TBA	0.022		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-3_8-10_20250521 — Lab Sample ID: 460-326694-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.0085	0.0081	mg/Kg	1	☼	8260D	Total/NA
TBA	0.088		0.014	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-3_13-15_20250521 — Lab Sample ID: 460-326694-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.019		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.045		0.010	0.0078	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-3_18-20_20250521 — Lab Sample ID: 460-326694-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0060	0.0057	mg/Kg	1	☼	8260D	Total/NA
TBA	0.053		0.010	0.0078	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-X-6_3-5_20250521 — Lab Sample ID: 460-326694-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024		0.0083	0.0079	mg/Kg	1	☼	8260D	Total/NA
TBA	0.061		0.014	0.011	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-1_3-5_20250521 — Lab Sample ID: 460-326694-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.065		0.014	0.014	mg/Kg	1	☼	8260D	Total/NA
TBA	0.18		0.024	0.019	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-1_5-7_20250521 — Lab Sample ID: 460-326694-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.043		0.0088	0.0084	mg/Kg	1	☼	8260D	Total/NA
TBA	0.12		0.015	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-TB-5_20250521 — Lab Sample ID: 460-326694-22

No Detections.

Client Sample ID: SRI-TB-6_20250521 — Lab Sample ID: 460-326694-23

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B4-1A_3-5_20250521 — Lab Sample ID: 460-326694-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0086		0.0071	0.0068	mg/Kg	1	☼	8260D	Total/NA
TBA	0.024		0.012	0.0093	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-1A_8-10_20250521 — Lab Sample ID: 460-326694-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.0072	0.0068	mg/Kg	1	☼	8260D	Total/NA
TBA	0.034		0.012	0.0094	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-1A_13-15_20250521 — Lab Sample ID: 460-326694-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.0081	J	0.0098	0.0077	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00025	J	0.00098	0.00023	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-2C_3-5_20250521 — Lab Sample ID: 460-326694-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0093		0.0070	0.0066	mg/Kg	1	☼	8260D	Total/NA
TBA	0.019		0.012	0.0091	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B3-3B_3-5_20250521 — Lab Sample ID: 460-326694-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012		0.0069	0.0065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.025		0.011	0.0090	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-4_3-5_20250522 — Lab Sample ID: 460-326756-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0078		0.0067	0.0064	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.00026	J	0.0011	0.00025	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.00091	J	0.0011	0.00056	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0019	J	0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-4_8-10_20250522 — Lab Sample ID: 460-326756-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.046		0.0079	0.0075	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0011	J	0.0013	0.00065	mg/Kg	1	☼	8260D	Total/NA
TBA	0.023		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-4_13-15_20250522 — Lab Sample ID: 460-326756-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.067	J	0.18	0.039	mg/Kg	100	☼	8260D	Total/NA
Cyclohexane	2.6		0.18	0.046	mg/Kg	100	☼	8260D	Total/NA
Ethylbenzene	9.8		0.18	0.053	mg/Kg	100	☼	8260D	Total/NA
Isopropylbenzene	3.6		0.18	0.057	mg/Kg	100	☼	8260D	Total/NA
Methylcyclohexane	30		0.18	0.13	mg/Kg	100	☼	8260D	Total/NA
m-Xylene & p-Xylene	25		0.18	0.050	mg/Kg	100	☼	8260D	Total/NA
o-Xylene	0.46		0.18	0.057	mg/Kg	100	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B4-1B_3-5_20250522 — Lab Sample ID: 460-326756-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0089		0.0052	0.0050	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.0049		0.00087	0.00019	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0031		0.00087	0.00041	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.00082	J	0.00087	0.00025	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.024		0.00087	0.00044	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0077		0.00087	0.00037	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00080	J	0.00087	0.00040	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-1B_8-10_20250522 — Lab Sample ID: 460-326756-5

No Detections.

Client Sample ID: SRI-B4-1B_10-12_20250522 — Lab Sample ID: 460-326756-6

No Detections.

Client Sample ID: SRI-B4-1B_15-17_20250522 — Lab Sample ID: 460-326756-7

No Detections.

Client Sample ID: SRI-B4-2A_3-5_20250522 — Lab Sample ID: 460-326756-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
TBA	0.013		0.0098	0.0077	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00036	J	0.00098	0.00030	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-2A_8-10_20250522 — Lab Sample ID: 460-326756-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	0.00051	J	0.0011	0.00048	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-2A_11-13_20250522 — Lab Sample ID: 460-326756-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.0078	0.0075	mg/Kg	1	☼	8260D	Total/NA
TBA	0.017		0.013	0.010	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-TB-7_20250522 — Lab Sample ID: 460-326756-11

No Detections.

Client Sample ID: SRI-FB-7_20250522 — Lab Sample ID: 460-326756-12

No Detections.

Client Sample ID: SRI-B4-2B_18-20_20250522 — Lab Sample ID: 460-326756-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.14		0.11	0.034	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.21		0.11	0.037	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	7.0		0.11	0.083	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-X-7_3-5_20250522 — Lab Sample ID: 460-326756-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.20		0.011	0.010	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: SRI-X-7_3-5_20250522 (Continued) — Lab Sample ID: 460-326756-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TBA	0.049		0.018	0.014	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-3B_3-5_20250522 — Lab Sample ID: 460-326756-15

No Detections.

Client Sample ID: SRI-A1-3B_7-9_20250522 — Lab Sample ID: 460-326756-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.026		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
TBA	0.0087	J	0.010	0.0081	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-4_15-17_20250522 — Lab Sample ID: 460-326756-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0072		0.0060	0.00044	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.064		0.0072	0.0069	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0041		0.0012	0.00057	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0016		0.0012	0.00034	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.11		0.0012	0.00060	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0021	J	0.0024	0.0014	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.018		0.0012	0.00051	mg/Kg	1	☼	8260D	Total/NA
TBA	0.018		0.012	0.0095	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-1B_3-5_20250522 — Lab Sample ID: 460-326756-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.0092	0.0087	mg/Kg	1	☼	8260D	Total/NA
TBA	0.013	J	0.015	0.012	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-1B_5-7_20250522 — Lab Sample ID: 460-326756-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.0046		0.0015	0.00052	mg/Kg	1	☼	8260D	Total/NA
1,4-Dichlorobenzene	0.00092	J	0.0015	0.00075	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0079		0.0073	0.00054	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.058		0.0087	0.0083	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.0095		0.0015	0.00082	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.033		0.0015	0.00032	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.081		0.0015	0.00068	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.036		0.0015	0.00041	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.14		0.0015	0.00073	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0049		0.0029	0.0017	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.71		0.0015	0.00062	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.43		0.0015	0.00067	mg/Kg	1	☼	8260D	Total/NA
TBA	0.014	J	0.015	0.011	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.093		0.0015	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-A1-1B_13-15_20250522 — Lab Sample ID: 460-326756-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.0072	0.0068	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-4B_3-5_20250522 — Lab Sample ID: 460-326756-21

No Detections.

Client Sample ID: SRI-B4-3_3-5_20250522 — Lab Sample ID: 460-326756-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0031		0.0022	0.0013	mg/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.00034	J	0.0011	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: SRI-B4-3_8-10_20250522 — Lab Sample ID: 460-326756-23

No Detections.

Client Sample ID: SRI-B4-3_13-15_20250522 — Lab Sample ID: 460-326756-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.073	J	0.078	0.023	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	2.1		0.078	0.025	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	13		0.078	0.057	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: SRI-B4-3_15-17_20250522 — Lab Sample ID: 460-326756-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.065	J	0.11	0.033	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.61		0.11	0.035	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	1.1		0.11	0.080	mg/Kg	50	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A2-4_3-5_20250520
Date Collected: 05/20/25 08:00
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-1
Matrix: Solid
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U *	0.0016	0.00037	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U *	0.0016	0.00048	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00096	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,1-Dichloroethene	0.0016	U *	0.0016	0.00036	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00073	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
2-Butanone (MEK)	0.0080	U	0.0080	0.00059	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
2-Hexanone	0.0080	U	0.0080	0.0027	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
4-Methyl-2-pentanone (MIBK)	0.0080	U	0.0080	0.0025	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Acetone	**0.0091**	**J**	0.0096	0.0091	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Acrolein	0.16	U	0.16	0.045	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Acrylonitrile	0.016	U	0.016	0.0077	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Bromoform	0.0016	U	0.0016	0.00068	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Carbon tetrachloride	0.0016	U *	0.0016	0.00062	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chlorobromomethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chlorodibromomethane	0.0016	U	0.0016	0.00085	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00043	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Dichlorodifluoromethane	0.0016	U *	0.0016	0.00054	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Ethylbenzene	0.0016	U	0.0016	0.00074	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Methyl acetate	0.0080	U	0.0080	0.0068	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Methylcyclohexane	0.0016	U	0.0016	0.00079	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Methylene Chloride	0.0032	U	0.0032	0.0018	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
o-Xylene	0.0016	U	0.0016	0.00073	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
TBA	**0.023**		0.016	0.012	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Tetrachloroethene	0.0016	U *	0.0016	0.00049	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1

Client Sample ID: SRI-A2-4_3-5_20250520
Lab Sample ID: 460-326580-1

Date Collected: 05/20/25 08:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0016	U *	0.0016	0.00039	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Trichloroethene	0.0016	U *	0.0016	0.00051	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Trichlorofluoromethane	0.0016	U *	0.0016	0.00065	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1
Vinyl chloride	0.0016	U	0.0016	0.00087	mg/Kg	☼	05/21/25 17:31	05/25/25 14:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:31*	*05/25/25 14:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*05/21/25 17:31*	*05/25/25 14:57*	*1*
4-Bromofluorobenzene	*124*		*71 - 128*	*05/21/25 17:31*	*05/25/25 14:57*	*1*
Dibromofluoromethane (Surr)	*128*		*50 - 150*	*05/21/25 17:31*	*05/25/25 14:57*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*	*05/21/25 17:31*	*05/25/25 14:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.1**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.9**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-4_8-10_20250520
Lab Sample ID: 460-326580-2

Date Collected: 05/20/25 08:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00028	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00036	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,1-Dichloroethene	0.0012	U *	0.0012	0.00027	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Acetone	**0.020**		0.0072	0.0069	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Acrylonitrile	0.012	U	0.012	0.0058	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Carbon tetrachloride	0.0012	U *	0.0012	0.00047	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1

Client Sample ID: SRI-A2-4_8-10_20250520
Lab Sample ID: 460-326580-2
Date Collected: 05/20/25 08:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
TBA	**0.058**		0.012	0.0094	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Tetrachloroethene	0.0012	U *	0.0012	0.00037	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
trans-1,2-Dichloroethene	0.0012	U *	0.0012	0.00030	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Trichloroethene	0.0012	U *	0.0012	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Trichlorofluoromethane	0.0012	U *	0.0012	0.00049	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 17:32	05/25/25 15:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:32*	*05/25/25 15:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 17:32*	*05/25/25 15:20*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*05/21/25 17:32*	*05/25/25 15:20*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 17:32*	*05/25/25 15:20*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 17:32*	*05/25/25 15:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-4_13-15_20250520
Lab Sample ID: 460-326580-3
Date Collected: 05/20/25 08:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A2-4_13-15_20250520
Date Collected: 05/20/25 08:10
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-3
Matrix: Solid
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00024	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Acetone	**0.076**		0.0065	0.0062	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Acrylonitrile	0.011	U	0.011	0.0052	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00042	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
TBA	**0.17**		0.011	0.0085	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Tetrachloroethene	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1

Client Sample ID: SRI-A2-4_13-15_20250520
Lab Sample ID: 460-326580-3

Date Collected: 05/20/25 08:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Trichloroethene	0.0011	U *	0.0011	0.00035	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00044	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:32	05/25/25 15:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:32*	*05/25/25 15:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 17:32*	*05/25/25 15:44*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 17:32*	*05/25/25 15:44*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*05/21/25 17:32*	*05/25/25 15:44*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/21/25 17:32*	*05/25/25 15:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.0**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**97.0**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-FB-3_20250520
Lab Sample ID: 460-326580-4

Date Collected: 05/20/25 07:30
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 18:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 18:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 18:52	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 18:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 18:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 18:52	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 18:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 18:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 18:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 18:52	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 18:52	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 18:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 18:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 18:52	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 18:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 18:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 18:52	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 18:52	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 18:52	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 18:52	1
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 18:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 18:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 18:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 18:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 18:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 18:52	1

Client Sample ID: SRI-FB-3_20250520
Lab Sample ID: 460-326580-4

Date Collected: 05/20/25 07:30
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 18:52	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 18:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 18:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 18:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 18:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 18:52	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 18:52	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 18:52	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 18:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 18:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 18:52	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 18:52	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 18:52	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 18:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 18:52	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 18:52	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 18:52	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 18:52	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 18:52	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 18:52	1
TBA	10	U	10	8.3	ug/L			05/25/25 18:52	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 18:52	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 18:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 18:52	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 18:52	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 18:52	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 18:52	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 18:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 18:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/25/25 18:52*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/25/25 18:52*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/25/25 18:52*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/25/25 18:52*	*1*

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5

Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00024	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5
Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
2-Butanone (MEK)	**0.0036**	**J**	0.0053	0.00039	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Acetone	**0.016**		0.0064	0.0061	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Acrylonitrile	0.011	U	0.011	0.0052	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00041	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
m-Xylene & p-Xylene	**0.00065**	**J**	0.0011	0.00045	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
TBA	**0.017**		0.011	0.0084	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Tetrachloroethene	**0.00058**	**J ***	0.0011	0.00033	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Toluene	**0.00025**	**J**	0.0011	0.00025	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Trichloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:33	05/25/25 16:08	1

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5

Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼		N/A	05/21/25 17:33	05/25/25 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		65 - 138	05/21/25 17:33	05/25/25 16:08	1
4-Bromofluorobenzene	121		71 - 128	05/21/25 17:33	05/25/25 16:08	1
Dibromofluoromethane (Surr)	123		50 - 150	05/21/25 17:33	05/25/25 16:08	1
Toluene-d8 (Surr)	99		71 - 126	05/21/25 17:33	05/25/25 16:08	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.3		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	94.7		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B2-2_8-10_20250520
Lab Sample ID: 460-326580-6

Date Collected: 05/20/25 08:35
Matrix: Solid
Date Received: 05/21/25 11:10
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	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1

Client Sample ID: SRI-B2-2_8-10_20250520
Lab Sample ID: 460-326580-6

Date Collected: 05/20/25 08:35
Matrix: Solid
Date Received: 05/21/25 11:10
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
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
m-Xylene & p-Xylene	**0.0011**		0.0011	0.00047	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
o-Xylene	**0.00056**	**J**	0.0011	0.00052	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
TBA	**0.017**		0.011	0.0088	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Tetrachloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Toluene	**0.0018**		0.0011	0.00026	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00028	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Trichloroethene	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00046	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 17:33	05/25/25 16:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:33*	*05/25/25 16:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*65 - 138*	*05/21/25 17:33*	*05/25/25 16:31*	*1*
4-Bromofluorobenzene	*134*	*	*71 - 128*	*05/21/25 17:33*	*05/25/25 16:31*	*1*
Dibromofluoromethane (Surr)	*138*		*50 - 150*	*05/21/25 17:33*	*05/25/25 16:31*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*05/21/25 17:33*	*05/25/25 16:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7

Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U *	0.0017	0.00040	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U *	0.0017	0.00052	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00039	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7
Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
2-Butanone (MEK)	0.0086	U *	0.0086	0.00063	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
2-Hexanone	0.0086	U	0.0086	0.0029	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
4-Methyl-2-pentanone (MIBK)	0.0086	U	0.0086	0.0027	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Acetone	**0.019**		0.010	0.0098	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Acrolein	0.17	U	0.17	0.048	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Acrylonitrile	0.017	U	0.017	0.0083	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Benzene	0.0017	U	0.0017	0.00097	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Bromoform	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Carbon disulfide	0.0017	U	0.0017	0.00046	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Carbon tetrachloride	0.0017	U	0.0017	0.00066	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chlorodibromomethane	0.0017	U	0.0017	0.00092	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chloroethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Chloromethane	0.0017	U	0.0017	0.00075	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00061	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Dichlorobromomethane	0.0017	U	0.0017	0.00044	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00058	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Ethylbenzene	0.0017	U	0.0017	0.00080	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Ethylene Dibromide	0.0017	U	0.0017	0.00086	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Isopropylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Methyl acetate	0.0086	U	0.0086	0.0074	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00088	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Methylcyclohexane	0.0017	U	0.0017	0.00086	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Methylene Chloride	0.0034	U	0.0034	0.0020	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
o-Xylene	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Styrene	0.0017	U	0.0017	0.00048	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
TBA	**0.058**		0.017	0.013	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Tetrachloroethene	0.0017	U	0.0017	0.00052	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Trichloroethene	0.0017	U	0.0017	0.00055	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00070	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1
Vinyl chloride	0.0017	U	0.0017	0.00094	mg/Kg	☼	05/21/25 17:34	05/25/25 20:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:34*	*05/25/25 20:55*	*1*

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7

Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 17:34*	*05/25/25 20:55*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*	*05/21/25 17:34*	*05/25/25 20:55*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*05/21/25 17:34*	*05/25/25 20:55*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/21/25 17:34*	*05/25/25 20:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.9**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**93.1**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-2_3-5_20250520
Lab Sample ID: 460-326580-8

Date Collected: 05/20/25 09:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00041	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00053	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0011	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00039	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00080	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00052	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00074	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00064	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00091	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
2-Butanone (MEK)	0.0087	U	0.0087	0.00064	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
2-Hexanone	0.0087	U	0.0087	0.0030	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
4-Methyl-2-pentanone (MIBK)	0.0087	U	0.0087	0.0027	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Acetone	0.010	U	0.010	0.010	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Acrolein	0.17	U	0.17	0.049	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Acrylonitrile	0.017	U	0.017	0.0085	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Benzene	0.0017	U	0.0017	0.00099	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Bromoform	0.0017	U	0.0017	0.00074	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Bromomethane	0.0035	U	0.0035	0.0017	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Carbon disulfide	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Carbon tetrachloride	0.0017	U	0.0017	0.00068	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chlorodibromomethane	0.0017	U	0.0017	0.00094	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chloroethane	0.0017	U	0.0017	0.00091	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Chloromethane	0.0017	U *	0.0017	0.00076	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00048	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Cyclohexane	0.0017	U	0.0017	0.00039	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Dichlorobromomethane	0.0017	U	0.0017	0.00045	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-2_3-5_20250520
Lab Sample ID: 460-326580-8
Date Collected: 05/20/25 09:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0017	U	0.0017	0.00059	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Ethylbenzene	0.0017	U	0.0017	0.00082	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Ethylene Dibromide	0.0017	U	0.0017	0.00088	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Isopropylbenzene	0.0017	U	0.0017	0.00050	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Methyl acetate	0.0087	U	0.0087	0.0075	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Methylcyclohexane	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Methylene Chloride	0.0035	U	0.0035	0.0020	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00074	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
o-Xylene	0.0017	U	0.0017	0.00081	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Styrene	0.0017	U	0.0017	0.00049	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
TBA	0.017	U	0.017	0.014	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Tetrachloroethene	0.0017	U	0.0017	0.00053	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Toluene	0.0017	U	0.0017	0.00041	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00043	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Trichloroethene	0.0017	U	0.0017	0.00056	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00071	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1
Vinyl chloride	0.0017	U	0.0017	0.00096	mg/Kg	☼	05/21/25 17:35	05/25/25 14:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:35*	*05/25/25 14:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/21/25 17:35*	*05/25/25 14:31*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/21/25 17:35*	*05/25/25 14:31*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:35*	*05/25/25 14:31*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 17:35*	*05/25/25 14:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.7**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**91.3**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-2_8-10_20250520
Lab Sample ID: 460-326580-9
Date Collected: 05/20/25 09:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1

Client Sample ID: SRI-A2-2_8-10_20250520
Date Collected: 05/20/25 09:35
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-9
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Acetone	**0.21**		0.0077	0.0074	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Acrolein	0.13	U	0.13	0.036	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Acrylonitrile	0.013	U	0.013	0.0063	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Chloromethane	0.0013	U *	0.0013	0.00056	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
TBA	**0.045**		0.013	0.010	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 17:35	05/25/25 14:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0080*	*J*	*mg/Kg*	☼	*12.04*	*N/A*	*05/21/25 17:35*	*05/25/25 14:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/21/25 17:35*	*05/25/25 14:56*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/21/25 17:35*	*05/25/25 14:56*	*1*

Client Sample ID: SRI-A2-2_8-10_20250520
Lab Sample ID: 460-326580-9
Date Collected: 05/20/25 09:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.7

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*05/21/25 17:35*	*05/25/25 14:56*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 17:35*	*05/25/25 14:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-2_13-15_20250520
Lab Sample ID: 460-326580-10
Date Collected: 05/20/25 09:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00081	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00099	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00062	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Acetone	**0.069**		0.0081	0.0077	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Acrolein	0.13	U	0.13	0.038	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Acrylonitrile	0.013	U	0.013	0.0065	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Benzene	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Carbon disulfide	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chlorobromomethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chlorodibromomethane	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Chloromethane	0.0013	U *	0.0013	0.00059	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Cyclohexane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Dichlorobromomethane	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1

Client Sample ID: SRI-A2-2_13-15_20250520
Lab Sample ID: 460-326580-10

Date Collected: 05/20/25 09:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Ethylene Dibromide	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Methyl acetate	0.0067	U	0.0067	0.0058	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
o-Xylene	0.0013	U	0.0013	0.00062	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
TBA	**0.030**		0.013	0.011	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	05/21/25 17:36	05/25/25 15:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:36*	*05/25/25 15:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*	*05/21/25 17:36*	*05/25/25 15:21*	*1*
4-Bromofluorobenzene	*76*		*71 - 128*	*05/21/25 17:36*	*05/25/25 15:21*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*05/21/25 17:36*	*05/25/25 15:21*	*1*
Toluene-d8 (Surr)	*85*		*71 - 126*	*05/21/25 17:36*	*05/25/25 15:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11

Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11
Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Acetone	**0.015**		0.0072	0.0069	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Acrylonitrile	0.012	U	0.012	0.0059	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Chloromethane	0.0012	U *	0.0012	0.00052	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
m-Xylene & p-Xylene	**0.00084**	**J**	0.0012	0.00051	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
o-Xylene	**0.00067**	**J**	0.0012	0.00056	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
TBA	**0.012**		0.012	0.0094	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 17:36	05/25/25 15:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:36*	*05/25/25 15:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/21/25 17:36*	*05/25/25 15:46*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*05/21/25 17:36*	*05/25/25 15:46*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:36*	*05/25/25 15:46*	*1*

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11
Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 17:36*	*05/25/25 15:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-1_8-10_20250520
Lab Sample ID: 460-326580-12
Date Collected: 05/20/25 09:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Acetone	**0.020**		0.0075	0.0072	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Acrolein	0.13	U	0.13	0.035	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Acrylonitrile	0.013	U	0.013	0.0061	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Chloromethane	0.0013	U *	0.0013	0.00055	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1

Client Sample ID: SRI-A2-1_8-10_20250520
Lab Sample ID: 460-326580-12
Date Collected: 05/20/25 09:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
m-Xylene & p-Xylene	**0.00064**	**J**	0.0013	0.00053	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
TBA	0.013	U	0.013	0.0098	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 17:37	05/25/25 16:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:37*	*05/25/25 16:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/21/25 17:37*	*05/25/25 16:11*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/21/25 17:37*	*05/25/25 16:11*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:37*	*05/25/25 16:11*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 17:37*	*05/25/25 16:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13
Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U *	0.0016	0.00037	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U *	0.0016	0.00048	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00096	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00073	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13
Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
2-Butanone (MEK)	0.0080	U *	0.0080	0.00059	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
2-Hexanone	0.0080	U	0.0080	0.0027	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
4-Methyl-2-pentanone (MIBK)	0.0080	U	0.0080	0.0025	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Acetone	**0.014**		0.0096	0.0091	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Acrolein	0.16	U	0.16	0.045	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Acrylonitrile	0.016	U	0.016	0.0078	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Bromoform	0.0016	U	0.0016	0.00068	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Carbon tetrachloride	0.0016	U	0.0016	0.00062	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chlorobromomethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chlorodibromomethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00054	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Ethylbenzene	0.0016	U	0.0016	0.00075	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Methyl acetate	0.0080	U	0.0080	0.0069	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00082	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Methylcyclohexane	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Methylene Chloride	0.0032	U	0.0032	0.0018	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
m-Xylene & p-Xylene	**0.0015**	**J**	0.0016	0.00067	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
o-Xylene	**0.0011**	**J**	0.0016	0.00074	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
TBA	**0.043**		0.016	0.013	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Tetrachloroethene	0.0016	U	0.0016	0.00049	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Toluene	**0.0011**	**J**	0.0016	0.00037	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00065	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1
Vinyl chloride	0.0016	U	0.0016	0.00087	mg/Kg	☼	05/21/25 17:37	05/25/25 21:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:37*	*05/25/25 21:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/21/25 17:37*	*05/25/25 21:18*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*05/21/25 17:37*	*05/25/25 21:18*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:37*	*05/25/25 21:18*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 17:37*	*05/25/25 21:18*	*1*

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13

Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-X-3_13-15_20250520
Lab Sample ID: 460-326580-14

Date Collected: 05/20/25 10:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U *	0.0017	0.00040	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U *	0.0017	0.00051	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00038	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00061	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00072	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
2-Butanone (MEK)	0.0085	U *	0.0085	0.00063	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
2-Hexanone	0.0085	U	0.0085	0.0029	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
4-Methyl-2-pentanone (MIBK)	0.0085	U	0.0085	0.0027	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Acetone	0.0099	J	0.010	0.0098	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Acrolein	0.17	U	0.17	0.048	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Acrylonitrile	0.017	U	0.017	0.0083	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Benzene	0.0017	U	0.0017	0.00097	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Bromoform	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Carbon disulfide	0.0017	U	0.0017	0.00045	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Carbon tetrachloride	0.0017	U	0.0017	0.00066	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chlorodibromomethane	0.0017	U	0.0017	0.00092	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chloroethane	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Chloromethane	0.0017	U	0.0017	0.00074	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00061	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Dichlorobromomethane	0.0017	U	0.0017	0.00044	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00058	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Ethylbenzene	0.0017	U	0.0017	0.00080	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Ethylene Dibromide	0.0017	U	0.0017	0.00086	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Isopropylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Methyl acetate	0.0085	U	0.0085	0.0073	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1

Client Sample ID: SRI-X-3_13-15_20250520
Lab Sample ID: 460-326580-14
Date Collected: 05/20/25 10:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0017	U	0.0017	0.00085	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Methylene Chloride	0.0034	U	0.0034	0.0020	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00072	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
o-Xylene	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Styrene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
TBA	**0.033**		0.017	0.013	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Tetrachloroethene	0.0017	U	0.0017	0.00052	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00045	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Trichloroethene	0.0017	U	0.0017	0.00055	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00069	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1
Vinyl chloride	0.0017	U	0.0017	0.00093	mg/Kg	☼	05/21/25 17:38	05/25/25 21:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:38*	*05/25/25 21:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/21/25 17:38*	*05/25/25 21:42*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 17:38*	*05/25/25 21:42*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:38*	*05/25/25 21:42*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 17:38*	*05/25/25 21:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
2-Butanone (MEK)	0.0055	U *	0.0055	0.00041	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.034**		0.0066	0.0063	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Carbon disulfide	**0.00042**	**J**	0.0011	0.00029	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
TBA	**0.033**		0.011	0.0087	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 17:39	05/25/25 22:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:39*	*05/25/25 22:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*05/21/25 17:39*	*05/25/25 22:05*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/21/25 17:39*	*05/25/25 22:05*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 17:39*	*05/25/25 22:05*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 17:39*	*05/25/25 22:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.6**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 85.4

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.4		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-B2-3_22-24_20250520
Lab Sample ID: 460-326580-16
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00038	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
2-Butanone (MEK)	0.013		0.0063	0.00046	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Acetone	0.071		0.0075	0.0072	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Acrolein	0.13	U	0.13	0.035	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Acrylonitrile	0.013	U	0.013	0.0061	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Carbon disulfide	0.00082	J	0.0013	0.00033	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Ethylbenzene	0.0034		0.0013	0.00059	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Isopropylbenzene	0.0047		0.0013	0.00036	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1

Client Sample ID: SRI-B2-3_22-24_20250520
Lab Sample ID: 460-326580-16

Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
m-Xylene & p-Xylene	**0.0021**		0.0013	0.00053	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
o-Xylene	**0.00058**	**J**	0.0013	0.00058	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
TBA	**0.057**		0.013	0.0099	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Toluene	**0.00093**	**J**	0.0013	0.00029	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/21/25 17:39	05/30/25 15:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2,4-dimethyl-	*3.1*	*J N*	*mg/Kg*	☼	*3.79*	*108-08-7*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Hexane, 2,5-dimethyl-	*1.7*	*J N*	*mg/Kg*	☼	*5.67*	*592-13-2*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Hexane, 2,4-dimethyl-	*1.9*	*J N*	*mg/Kg*	☼	*5.73*	*589-43-5*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*1.2*	*J*	*mg/Kg*	☼	*5.83*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*9.0*	*J*	*mg/Kg*	☼	*6.18*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*11*	*J*	*mg/Kg*	☼	*6.33*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*4.2*	*J*	*mg/Kg*	☼	*6.79*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Hexane, 2,3,5-trimethyl-	*0.92*	*J N*	*mg/Kg*	☼	*7.55*	*1069-53-0*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*0.75*	*J*	*mg/Kg*	☼	*8.71*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Unknown	*2.0*	*J*	*mg/Kg*	☼	*9.90*	*N/A*	*05/21/25 17:39*	*05/30/25 15:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*153*	*	*65 - 138*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
4-Bromofluorobenzene	*121*		*71 - 128*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 17:39*	*05/30/25 15:52*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*05/21/25 17:39*	*05/30/25 15:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**18.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**81.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17

Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1-Dichloroethane	0.0011	U *	0.0011	0.00066	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17
Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Acrylonitrile	0.011	U	0.011	0.0053	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Methyl acetate	0.0055	U *	0.0055	0.0047	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
TBA	**0.015**		0.011	0.0086	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 17:40	05/31/25 09:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 17:40*	*05/31/25 09:50*	*1*

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17

Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/21/25 17:40*	*05/31/25 09:50*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/21/25 17:40*	*05/31/25 09:50*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:40*	*05/31/25 09:50*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 17:40*	*05/31/25 09:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**90.3**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-3_8-10_20250520
Lab Sample ID: 460-326580-18

Date Collected: 05/20/25 11:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
2-Butanone (MEK)	0.0050	U *	0.0050	0.00037	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Acetone	0.0060	U	0.0060	0.0058	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1

Client Sample ID: SRI-A2-3_8-10_20250520
Lab Sample ID: 460-326580-18
Date Collected: 05/20/25 11:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
TBA	0.010	U	0.010	0.0079	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/21/25 18:34	05/25/25 22:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:34*	*05/25/25 22:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/21/25 18:34*	*05/25/25 22:29*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 18:34*	*05/25/25 22:29*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 18:34*	*05/25/25 22:29*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 18:34*	*05/25/25 22:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19
Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U *	0.0018	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U *	0.0018	0.00055	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00041	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0014	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00084	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00066	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19
Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0018	U	0.0018	0.00078	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00067	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00095	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
2-Butanone (MEK)	0.0092	U *	0.0092	0.00067	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
2-Hexanone	0.0092	U	0.0092	0.0031	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
4-Methyl-2-pentanone (MIBK)	0.0092	U	0.0092	0.0029	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Acetone	0.011	U	0.011	0.010	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Acrolein	0.18	U	0.18	0.051	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Acrylonitrile	0.018	U	0.018	0.0089	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Bromoform	0.0018	U	0.0018	0.00078	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Bromomethane	0.0037	U	0.0037	0.0018	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Carbon disulfide	0.0018	U	0.0018	0.00049	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Carbon tetrachloride	0.0018	U	0.0018	0.00071	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chlorobenzene	0.0018	U	0.0018	0.00093	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chlorodibromomethane	0.0018	U	0.0018	0.00098	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chloroethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chloroform	0.0018	U	0.0018	0.0018	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Chloromethane	0.0018	U	0.0018	0.00080	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00066	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00050	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Cyclohexane	0.0018	U	0.0018	0.00041	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Dichlorobromomethane	0.0018	U	0.0018	0.00047	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Dichlorodifluoromethane	0.0018	U	0.0018	0.00062	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Ethylbenzene	0.0018	U	0.0018	0.00086	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Ethylene Dibromide	0.0018	U	0.0018	0.00092	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Isopropylbenzene	0.0018	U	0.0018	0.00052	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Methyl acetate	0.0092	U	0.0092	0.0079	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00094	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Methylcyclohexane	0.0018	U	0.0018	0.00091	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Methylene Chloride	0.0037	U	0.0037	0.0021	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00078	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
o-Xylene	0.0018	U	0.0018	0.00085	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Styrene	0.0018	U	0.0018	0.00051	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
TBA	0.018	U	0.018	0.014	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Tetrachloroethene	0.0018	U	0.0018	0.00056	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Toluene	0.0018	U	0.0018	0.00043	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00045	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Trichloroethene	0.0018	U	0.0018	0.00059	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00074	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1
Vinyl chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/21/25 18:34	05/25/25 22:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.010*	*J*	*mg/Kg*	☼	*5.48*	*N/A*	*05/21/25 18:34*	*05/25/25 22:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 138*	*05/21/25 18:34*	*05/25/25 22:53*	*1*
4-Bromofluorobenzene	*125*		*71 - 128*	*05/21/25 18:34*	*05/25/25 22:53*	*1*

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19

Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*05/21/25 18:34*	*05/25/25 22:53*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*05/21/25 18:34*	*05/25/25 22:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.3**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.7**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-3_3-5_20250520
Lab Sample ID: 460-326580-20

Date Collected: 05/20/25 12:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00029	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00037	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
2-Butanone (MEK)	0.0062	U *	0.0062	0.00045	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Acetone	**0.0088**		0.0074	0.0070	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1

Client Sample ID: SRI-A3-3_3-5_20250520
Lab Sample ID: 460-326580-20
Date Collected: 05/20/25 12:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
TBA	**0.036**		0.012	0.0096	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/21/25 18:33	05/25/25 23:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:33*	*05/25/25 23:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 18:33*	*05/25/25 23:16*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 18:33*	*05/25/25 23:16*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*05/21/25 18:33*	*05/25/25 23:16*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 18:33*	*05/25/25 23:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**96.1**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-3_5-7_20250520
Lab Sample ID: 460-326580-21
Date Collected: 05/20/25 12:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1

Client Sample ID: SRI-A3-3_5-7_20250520
Date Collected: 05/20/25 12:45
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-21
Matrix: Solid
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
2-Butanone (MEK)	0.0057	U *	0.0057	0.00042	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Acetone	**0.29**		0.0069	0.0065	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
TBA	**0.22**		0.011	0.0090	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 18:35	05/25/25 23:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:35*	*05/25/25 23:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 18:35*	*05/25/25 23:40*	*1*
4-Bromofluorobenzene	*105*		*71 - 128*	*05/21/25 18:35*	*05/25/25 23:40*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*05/21/25 18:35*	*05/25/25 23:40*	*1*

Client Sample ID: SRI-A3-3_5-7_20250520
Lab Sample ID: 460-326580-21
Date Collected: 05/20/25 12:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/21/25 18:35*	*05/25/25 23:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**88.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-3_13-15_20250520
Lab Sample ID: 460-326580-22
Date Collected: 05/20/25 12:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00029	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00037	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
2-Butanone (MEK)	0.0062	U *	0.0062	0.00045	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Acetone	**0.039**		0.0074	0.0071	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1

Client Sample ID: SRI-A3-3_13-15_20250520
Lab Sample ID: 460-326580-22

Date Collected: 05/20/25 12:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
TBA	**0.12**		0.012	0.0097	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/21/25 18:35	05/26/25 00:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:35*	*05/26/25 00:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 18:35*	*05/26/25 00:04*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*05/21/25 18:35*	*05/26/25 00:04*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 18:35*	*05/26/25 00:04*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*05/21/25 18:35*	*05/26/25 00:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-X-4_5-7_20250520
Lab Sample ID: 460-326580-23

Date Collected: 05/20/25 12:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-X-4_5-7_20250520
Date Collected: 05/20/25 12:55
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-23
Matrix: Solid
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
2-Butanone (MEK)	0.0055	U *	0.0055	0.00041	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Acetone	**0.027**		0.0066	0.0063	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
TBA	**0.067**		0.011	0.0087	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 18:36	05/26/25 00:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:36*	*05/26/25 00:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*65 - 138*	*05/21/25 18:36*	*05/26/25 00:27*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 18:36*	*05/26/25 00:27*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 18:36*	*05/26/25 00:27*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 18:36*	*05/26/25 00:27*	*1*

Client Sample ID: SRI-X-4_5-7_20250520
Lab Sample ID: 460-326580-23

Date Collected: 05/20/25 12:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.4		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	96.6		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-FB-4_20250520
Lab Sample ID: 460-326580-24

Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 19:12	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 19:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:12	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 19:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 19:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 19:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 19:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 19:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 19:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 19:12	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 19:12	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 19:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 19:12	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 19:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 19:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 19:12	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 19:12	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 19:12	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 19:12	1
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 19:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 19:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 19:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 19:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 19:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 19:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 19:12	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 19:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 19:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 19:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 19:12	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 19:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 19:12	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 19:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 19:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 19:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:12	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 19:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 19:12	1

Client Sample ID: SRI-FB-4_20250520
Lab Sample ID: 460-326580-24

Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 19:12	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 19:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 19:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 19:12	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 19:12	1
TBA	10	U	10	8.3	ug/L			05/25/25 19:12	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 19:12	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 19:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 19:12	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 19:12	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 19:12	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:12	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 19:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 19:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*05/25/25 19:12*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/25/25 19:12*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*05/25/25 19:12*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/25/25 19:12*	*1*

Client Sample ID: SRI-TB-3_20250520
Lab Sample ID: 460-326580-25

Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 19:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 19:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:32	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 19:32	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 19:32	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 19:32	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 19:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 19:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 19:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 19:32	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 19:32	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 19:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 19:32	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 19:32	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 19:32	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 19:32	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 19:32	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 19:32	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 19:32	1
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 19:32	1

Client Sample ID: SRI-TB-3_20250520
Lab Sample ID: 460-326580-25
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 19:32	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 19:32	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 19:32	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 19:32	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 19:32	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 19:32	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 19:32	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:32	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 19:32	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 19:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 19:32	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 19:32	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 19:32	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 19:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:32	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 19:32	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 19:32	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:32	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 19:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 19:32	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 19:32	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 19:32	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 19:32	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 19:32	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 19:32	1
TBA	10	U	10	8.3	ug/L			05/25/25 19:32	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 19:32	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 19:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 19:32	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 19:32	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 19:32	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:32	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 19:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 19:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*		*05/25/25 19:32*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/25/25 19:32*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*05/25/25 19:32*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/25/25 19:32*	*1*

Client Sample ID: SRI-TB-4_20250520
Lab Sample ID: 460-326580-26
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/25/25 19:52	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-TB-4_20250520
Lab Sample ID: 460-326580-26
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 19:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:52	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 19:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 19:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 19:52	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 19:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 19:52	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 19:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 19:52	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 19:52	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 19:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 19:52	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 19:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 19:52	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 19:52	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 19:52	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 19:52	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 19:52	1
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 19:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 19:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 19:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 19:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 19:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 19:52	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 19:52	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 19:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 19:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 19:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 19:52	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 19:52	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 19:52	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 19:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 19:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 19:52	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 19:52	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 19:52	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 19:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 19:52	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 19:52	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 19:52	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 19:52	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 19:52	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 19:52	1
TBA	10	U	10	8.3	ug/L			05/25/25 19:52	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 19:52	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 19:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 19:52	1

Client Sample ID: SRI-TB-4_20250520
Lab Sample ID: 460-326580-26

Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 19:52	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 19:52	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 19:52	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 19:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 19:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*		*05/25/25 19:52*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/25/25 19:52*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*05/25/25 19:52*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/25/25 19:52*	*1*

Client Sample ID: SRI-A3-4_3-5_20250520
Lab Sample ID: 460-326580-27

Date Collected: 05/20/25 13:20
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U *	0.0013	0.00031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00039	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00097	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
2-Butanone (MEK)	0.0066	U *	0.0066	0.00048	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
2-Hexanone	0.0066	U	0.0066	0.0022	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
4-Methyl-2-pentanone (MIBK)	0.0066	U	0.0066	0.0020	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Acetone	**0.010**		0.0079	0.0075	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Acrolein	0.13	U	0.13	0.037	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Acrylonitrile	0.013	U	0.013	0.0064	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1

Client Sample ID: SRI-A3-4_3-5_20250520
Lab Sample ID: 460-326580-27

Date Collected: 05/20/25 13:20
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Methyl acetate	0.0066	U	0.0066	0.0056	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
TBA	**0.035**		0.013	0.010	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/21/25 18:36	05/26/25 00:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:36*	*05/26/25 00:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*05/21/25 18:36*	*05/26/25 00:51*	*1*
4-Bromofluorobenzene	*119*		*71 - 128*	*05/21/25 18:36*	*05/26/25 00:51*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*05/21/25 18:36*	*05/26/25 00:51*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*05/21/25 18:36*	*05/26/25 00:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**94.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-4_6-8_20250520
Lab Sample ID: 460-326580-28

Date Collected: 05/20/25 13:25
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U *	0.00099	0.00023	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U *	0.00099	0.00030	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1

Client Sample ID: SRI-A3-4_6-8_20250520
Date Collected: 05/20/25 13:25
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-28
Matrix: Solid
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
2-Butanone (MEK)	0.0050	U *	0.0050	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Acetone	**0.0079**		0.0060	0.0057	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Acrolein	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Acrylonitrile	0.0099	U	0.0099	0.0048	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
TBA	**0.025**		0.0099	0.0078	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	05/21/25 18:37	05/26/25 01:15	1

Client Sample ID: SRI-A3-4_6-8_20250520
Lab Sample ID: 460-326580-28
Date Collected: 05/20/25 13:25
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼		N/A	05/21/25 18:37	05/26/25 01:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		65 - 138	05/21/25 18:37	05/26/25 01:15	1
4-Bromofluorobenzene	119		71 - 128	05/21/25 18:37	05/26/25 01:15	1
Dibromofluoromethane (Surr)	129		50 - 150	05/21/25 18:37	05/26/25 01:15	1
Toluene-d8 (Surr)	103		71 - 126	05/21/25 18:37	05/26/25 01:15	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.7**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**92.3**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-4_13-15_20250520
Lab Sample ID: 460-326580-29
Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Acetone	**0.021**		0.0062	0.0059	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Acrolein	0.10	U	0.10	0.029	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Acrylonitrile	0.010	U	0.010	0.0050	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1

Client Sample ID: SRI-A3-4_13-15_20250520
Lab Sample ID: 460-326580-29

Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Methyl acetate	0.0052	U *	0.0052	0.0045	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
TBA	**0.071**		0.010	0.0081	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/21/25 19:13	06/02/25 19:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 19:13*	*06/02/25 19:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*	*05/21/25 19:13*	*06/02/25 19:58*	*1*
4-Bromofluorobenzene	*124*		*71 - 128*	*05/21/25 19:13*	*06/02/25 19:58*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*05/21/25 19:13*	*06/02/25 19:58*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*	*05/21/25 19:13*	*06/02/25 19:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.5**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**93.5**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-2_3-5_20250520
Lab Sample ID: 460-326580-30

Date Collected: 05/20/25 13:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1

Client Sample ID: SRI-A3-2_3-5_20250520
Date Collected: 05/20/25 13:40
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-30
Matrix: Solid
Percent Solids: 96.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
2-Butanone (MEK)	0.0054	U *	0.0054	0.00040	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Acetone	**0.017**		0.0065	0.0062	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Acrylonitrile	0.011	U	0.011	0.0053	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
TBA	**0.032**		0.011	0.0085	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:38	05/26/25 02:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:38*	*05/26/25 02:02*	*1*

Client Sample ID: SRI-A3-2_3-5_20250520
Lab Sample ID: 460-326580-30

Date Collected: 05/20/25 13:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 18:38*	*05/26/25 02:02*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*05/21/25 18:38*	*05/26/25 02:02*	*1*
Dibromofluoromethane (Surr)	*123*		*50 - 150*	*05/21/25 18:38*	*05/26/25 02:02*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/21/25 18:38*	*05/26/25 02:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**96.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-2_8-10_20250520
Lab Sample ID: 460-326580-31

Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U *	0.00099	0.00023	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U *	0.00099	0.00030	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
2-Butanone (MEK)	0.0049	U *	0.0049	0.00036	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Acetone	**0.018**		0.0059	0.0056	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Acrolein	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Acrylonitrile	0.0099	U	0.0099	0.0048	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1

Client Sample ID: SRI-A3-2_8-10_20250520
Lab Sample ID: 460-326580-31
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00099	U	0.00099	0.00033	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
TBA	**0.034**		0.0099	0.0077	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Tetrachloroethene	0.00099	U	0.00099	0.00030	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	05/21/25 18:39	05/26/25 02:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:39*	*05/26/25 02:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*65 - 138*	*05/21/25 18:39*	*05/26/25 02:26*	*1*
4-Bromofluorobenzene	*119*		*71 - 128*	*05/21/25 18:39*	*05/26/25 02:26*	*1*
Dibromofluoromethane (Surr)	*124*		*50 - 150*	*05/21/25 18:39*	*05/26/25 02:26*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*05/21/25 18:39*	*05/26/25 02:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.6**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**92.4**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-2_13-15_20250520
Lab Sample ID: 460-326580-32
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00029	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00038	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00075	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00092	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A3-2_13-15_20250520
Date Collected: 05/20/25 13:50
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-32
Matrix: Solid
Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00046	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
2-Butanone (MEK)	0.0062	U *	0.0062	0.00046	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Acetone	**0.054**		0.0075	0.0071	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Acrylonitrile	0.012	U	0.012	0.0061	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Benzene	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chlorodibromomethane	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Cyclohexane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Ethylene Dibromide	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Isopropylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Methyl acetate	0.0062	U	0.0062	0.0054	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
o-Xylene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
TBA	**0.12**		0.012	0.0098	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/21/25 18:39	05/26/25 02:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:39*	*05/26/25 02:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 18:39*	*05/26/25 02:49*	*1*
4-Bromofluorobenzene	*106*		*71 - 128*	*05/21/25 18:39*	*05/26/25 02:49*	*1*

Client Sample ID: SRI-A3-2_13-15_20250520
Lab Sample ID: 460-326580-32
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 18:39*	*05/26/25 02:49*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 18:39*	*05/26/25 02:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.5**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**88.5**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-1_3-5_20250520
Lab Sample ID: 460-326580-33
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
2-Butanone (MEK)	0.0057	U *	0.0057	0.00042	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Acetone	**0.11**		0.0068	0.0065	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1

Client Sample ID: SRI-A3-1_3-5_20250520
Lab Sample ID: 460-326580-33
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
TBA	**0.13**		0.011	0.0089	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 18:40	05/26/25 03:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:40*	*05/26/25 03:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 18:40*	*05/26/25 03:13*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 18:40*	*05/26/25 03:13*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 18:40*	*05/26/25 03:13*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/21/25 18:40*	*05/26/25 03:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-1_8-10_20250520
Lab Sample ID: 460-326580-34
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U *	0.0015	0.00036	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U *	0.0015	0.00047	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00093	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00035	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00071	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A3-1_8-10_20250520
Date Collected: 05/20/25 13:45
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-34
Matrix: Solid
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
2-Butanone (MEK)	0.0077	U *	0.0077	0.00057	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
2-Hexanone	0.0077	U	0.0077	0.0026	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
4-Methyl-2-pentanone (MIBK)	0.0077	U	0.0077	0.0024	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Acetone	**0.031**		0.0093	0.0088	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Acrolein	0.15	U	0.15	0.043	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Acrylonitrile	0.015	U	0.015	0.0075	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Benzene	0.0015	U	0.0015	0.00088	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Bromoform	0.0015	U	0.0015	0.00066	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Carbon tetrachloride	0.0015	U	0.0015	0.00060	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chlorobromomethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chlorodibromomethane	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chloroethane	0.0015	U	0.0015	0.00081	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Dichlorobromomethane	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Ethylene Dibromide	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Methyl acetate	0.0077	U	0.0077	0.0066	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Methylcyclohexane	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
o-Xylene	0.0015	U	0.0015	0.00071	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
TBA	**0.081**		0.015	0.012	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Trichloroethene	0.0015	U	0.0015	0.00050	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1
Vinyl chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	05/21/25 18:40	05/26/25 03:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:40*	*05/26/25 03:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 18:40*	*05/26/25 03:37*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 18:40*	*05/26/25 03:37*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*05/21/25 18:40*	*05/26/25 03:37*	*1*

Client Sample ID: SRI-A3-1_8-10_20250520
Lab Sample ID: 460-326580-34
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/21/25 18:40*	*05/26/25 03:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A3-1_13-15_20250520
Lab Sample ID: 460-326580-35
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U *	0.0014	0.00032	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U *	0.0014	0.00041	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
2-Butanone (MEK)	0.0068	U *	0.0068	0.00050	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Acetone	**0.14**		0.0082	0.0078	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Acrolein	0.14	U	0.14	0.038	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Acrylonitrile	0.014	U	0.014	0.0066	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chlorobenzene	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chlorobromomethane	0.0014	U	0.0014	0.00081	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chlorodibromomethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1

Client Sample ID: SRI-A3-1_13-15_20250520
Lab Sample ID: 460-326580-35
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Methyl acetate	0.0068	U	0.0068	0.0059	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
TBA	**0.16**		0.014	0.011	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/21/25 18:41	05/26/25 04:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:41*	*05/26/25 04:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 18:41*	*05/26/25 04:00*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 18:41*	*05/26/25 04:00*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*05/21/25 18:41*	*05/26/25 04:00*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/21/25 18:41*	*05/26/25 04:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.7**		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	**95.3**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A4-1_3-5_20250520
Lab Sample ID: 460-326580-36
Date Collected: 05/20/25 15:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U *	0.0015	0.00046	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00035	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A4-1_3-5_20250520
Date Collected: 05/20/25 15:00
Date Received: 05/21/25 11:10

Lab Sample ID: 460-326580-36
Matrix: Solid
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
2-Butanone (MEK)	0.0077	U	0.0077	0.00057	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
2-Hexanone	0.0077	U	0.0077	0.0026	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
4-Methyl-2-pentanone (MIBK)	0.0077	U	0.0077	0.0024	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Acetone	**0.031**		0.0092	0.0088	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Acrolein	0.15	U	0.15	0.043	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Acrylonitrile	0.015	U	0.015	0.0075	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Benzene	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Bromoform	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Carbon tetrachloride	0.0015	U	0.0015	0.00060	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chlorobromomethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chlorodibromomethane	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Dichlorobromomethane	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Ethylene Dibromide	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Methyl acetate	0.0077	U	0.0077	0.0066	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Methylcyclohexane	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
o-Xylene	0.0015	U	0.0015	0.00071	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
TBA	**0.079**		0.015	0.012	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Trichloroethene	0.0015	U	0.0015	0.00049	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1
Vinyl chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	05/21/25 18:41	05/26/25 19:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:41*	*05/26/25 19:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*05/21/25 18:41*	*05/26/25 19:01*	*1*
4-Bromofluorobenzene	*121*		*71 - 128*	*05/21/25 18:41*	*05/26/25 19:01*	*1*
Dibromofluoromethane (Surr)	*120*		*50 - 150*	*05/21/25 18:41*	*05/26/25 19:01*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*	*05/21/25 18:41*	*05/26/25 19:01*	*1*

Client Sample ID: SRI-A4-1_3-5_20250520
Lab Sample ID: 460-326580-36

Date Collected: 05/20/25 15:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			05/21/25 14:06	1
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A4-1_7-9_20250520
Lab Sample ID: 460-326580-37

Date Collected: 05/20/25 15:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00038	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00092	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00046	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
2-Hexanone	0.0063	U	0.0063	0.0021	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0019	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Acetone	0.024		0.0075	0.0072	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Acrolein	0.13	U	0.13	0.035	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Acrylonitrile	0.013	U	0.013	0.0061	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Benzene	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Bromoform	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Carbon disulfide	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Carbon tetrachloride	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chlorobenzene	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chlorodibromomethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chloroethane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Chloromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Dichlorobromomethane	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Ethylene Dibromide	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1

Client Sample ID: SRI-A4-1_7-9_20250520
Lab Sample ID: 460-326580-37
Date Collected: 05/20/25 15:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0013	U	0.0013	0.00062	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
TBA	**0.073**		0.013	0.0098	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Tetrachloroethene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Toluene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Trichloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1
Vinyl chloride	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/21/25 18:42	05/26/25 19:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:42*	*05/26/25 19:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 18:42*	*05/26/25 19:25*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/21/25 18:42*	*05/26/25 19:25*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 18:42*	*05/26/25 19:25*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*05/21/25 18:42*	*05/26/25 19:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			05/22/25 06:36	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			05/22/25 06:36	1

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U *	0.0014	0.00041	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.012**		0.0083	0.0079	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Acrolein	0.14	U	0.14	0.039	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Acrylonitrile	0.014	U	0.014	0.0067	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Bromoform	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Ethylbenzene	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Ethylene Dibromide	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Methyl acetate	0.0069	U	0.0069	0.0059	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
o-Xylene	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
TBA	**0.050**		0.014	0.011	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/21/25 18:42	05/26/25 19:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:42*	*05/26/25 19:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/21/25 18:42*	*05/26/25 19:49*	*1*
4-Bromofluorobenzene	*122*		*71 - 128*	*05/21/25 18:42*	*05/26/25 19:49*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*05/21/25 18:42*	*05/26/25 19:49*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/21/25 18:42*	*05/26/25 19:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.5**		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			05/21/25 14:06	1

Client Sample ID: SRI-A4-2_6-8_20250520
Lab Sample ID: 460-326580-39
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00037	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00045	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Acetone	0.035		0.0074	0.0071	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1

Client Sample ID: SRI-A4-2_6-8_20250520
Lab Sample ID: 460-326580-39

Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
TBA	**0.046**		0.012	0.0097	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/21/25 18:43	05/26/25 20:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 18:43*	*05/26/25 20:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 18:43*	*05/26/25 20:12*	*1*
4-Bromofluorobenzene	*126*		*71 - 128*	*05/21/25 18:43*	*05/26/25 20:12*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*05/21/25 18:43*	*05/26/25 20:12*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*05/21/25 18:43*	*05/26/25 20:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.3**		1.0	1.0	%			05/22/25 06:36	1
Percent Solids (EPA Moisture)	**94.7**		1.0	1.0	%			05/22/25 06:36	1

Client Sample ID: SRI-A1-2_3-5_20250519
Lab Sample ID: 460-326644-11

Date Collected: 05/19/25 11:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1,2-Trichloroethane	0.0012	U *	0.0012	0.00073	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2-Dibromo-3-Chloropropane	0.0012	U *	0.0012	0.00056	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Acetone	**0.011**		0.0073	0.0069	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A1-2_3-5_20250519
Date Collected: 05/19/25 11:15
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-11
Matrix: Solid
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Acrylonitrile	0.012	U	0.012	0.0059	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00041	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Methyl acetate	0.0061	U	0.0061	0.0052	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
TBA	**0.041**		0.012	0.0095	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 11:12	05/24/25 00:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:12*	*05/24/25 00:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/21/25 11:12*	*05/24/25 00:40*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 11:12*	*05/24/25 00:40*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*05/21/25 11:12*	*05/24/25 00:40*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*05/21/25 11:12*	*05/24/25 00:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.1**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A1-2_8-10_20250519
Date Collected: 05/19/25 11:20
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-12
Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1,2-Trichloroethane	0.0012	U *	0.0012	0.00070	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2-Dibromo-3-Chloropropane	0.0012	U *	0.0012	0.00053	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Acetone	**0.012**		0.0069	0.0066	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Acrolein	0.12	U	0.12	0.032	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Acrylonitrile	0.012	U	0.012	0.0056	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Dichlorodifluoromethane	0.0012	U *	0.0012	0.00039	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
TBA	**0.031**		0.012	0.0091	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1

Client Sample ID: SRI-A1-2_8-10_20250519
Lab Sample ID: 460-326644-12

Date Collected: 05/19/25 11:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 11:14	05/24/25 01:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:14*	*05/24/25 01:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/21/25 11:14*	*05/24/25 01:03*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 11:14*	*05/24/25 01:03*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 11:14*	*05/24/25 01:03*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*05/21/25 11:14*	*05/24/25 01:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A1-2_13-15_20250519
Lab Sample ID: 460-326644-13

Date Collected: 05/19/25 11:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00080	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
2-Hexanone	0.0054	U	0.0054	0.0019	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Acetone	**0.061**		0.0065	0.0062	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Acrylonitrile	0.011	U	0.011	0.0053	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1

Client Sample ID: SRI-A1-2_13-15_20250519
Lab Sample ID: 460-326644-13

Date Collected: 05/19/25 11:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Methyl acetate	0.0054	U	0.0054	0.0047	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
TBA	**0.026**		0.011	0.0085	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 11:15	06/02/25 15:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:15*	*06/02/25 15:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/21/25 11:15*	*06/02/25 15:53*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/21/25 11:15*	*06/02/25 15:53*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*05/21/25 11:15*	*06/02/25 15:53*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/21/25 11:15*	*06/02/25 15:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-X-1_13-15_20250519
Lab Sample ID: 460-326644-14

Date Collected: 05/19/25 12:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00093	U	0.00093	0.00022	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1

Client Sample ID: SRI-X-1_13-15_20250519
Date Collected: 05/19/25 12:45
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-14
Matrix: Solid
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00093	U	0.00093	0.00028	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,1,2-Trichloroethane	0.00093	U *	0.00093	0.00056	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,1-Dichloroethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,1-Dichloroethene	0.00093	U	0.00093	0.00021	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2,3-Trichlorobenzene	0.00093	U	0.00093	0.00068	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2,4-Trichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2-Dibromo-3-Chloropropane	0.00093	U *	0.00093	0.00043	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2-Dichlorobenzene	0.00093	U	0.00093	0.00033	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2-Dichloroethane	0.00093	U	0.00093	0.00027	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,2-Dichloropropane	0.00093	U	0.00093	0.00039	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,3-Dichlorobenzene	0.00093	U	0.00093	0.00034	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
1,4-Dichlorobenzene	0.00093	U	0.00093	0.00048	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Acetone	**0.0093**		0.0056	0.0053	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Acrolein	0.093	U	0.093	0.026	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Acrylonitrile	0.0093	U	0.0093	0.0045	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Benzene	0.00093	U	0.00093	0.00052	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Bromoform	0.00093	U	0.00093	0.00039	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Bromomethane	0.0019	U	0.0019	0.00093	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Carbon disulfide	0.00093	U	0.00093	0.00025	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Carbon tetrachloride	0.00093	U	0.00093	0.00036	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chlorobenzene	0.00093	U	0.00093	0.00047	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chlorobromomethane	0.00093	U	0.00093	0.00055	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chlorodibromomethane	0.00093	U	0.00093	0.00050	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chloroethane	0.00093	U	0.00093	0.00048	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chloroform	0.00093	U	0.00093	0.00090	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Chloromethane	0.00093	U	0.00093	0.00040	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
cis-1,2-Dichloroethene	0.00093	U	0.00093	0.00033	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
cis-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Cyclohexane	0.00093	U	0.00093	0.00020	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Dichlorobromomethane	0.00093	U	0.00093	0.00024	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Dichlorodifluoromethane	0.00093	U *	0.00093	0.00031	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Ethylbenzene	0.00093	U	0.00093	0.00043	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Ethylene Dibromide	0.00093	U	0.00093	0.00047	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Isopropylbenzene	0.00093	U	0.00093	0.00026	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Methyl tert-butyl ether	0.00093	U	0.00093	0.00047	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Methylcyclohexane	0.00093	U	0.00093	0.00046	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
m-Xylene & p-Xylene	0.00093	U	0.00093	0.00039	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
o-Xylene	0.00093	U	0.00093	0.00043	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Styrene	0.00093	U	0.00093	0.00026	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
TBA	**0.021**		0.0093	0.0073	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Tetrachloroethene	0.00093	U	0.00093	0.00028	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Toluene	0.00093	U	0.00093	0.00022	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
trans-1,2-Dichloroethene	0.00093	U	0.00093	0.00023	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1

Client Sample ID: SRI-X-1_13-15_20250519
Lab Sample ID: 460-326644-14

Date Collected: 05/19/25 12:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.00093	U	0.00093	0.00025	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Trichloroethene	0.00093	U	0.00093	0.00030	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Trichlorofluoromethane	0.00093	U	0.00093	0.00038	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1
Vinyl chloride	0.00093	U	0.00093	0.00051	mg/Kg	☼	05/21/25 11:17	05/24/25 01:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:17*	*05/24/25 01:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/21/25 11:17*	*05/24/25 01:27*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*05/21/25 11:17*	*05/24/25 01:27*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*05/21/25 11:17*	*05/24/25 01:27*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 11:17*	*05/24/25 01:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-2_3-5_20250519
Lab Sample ID: 460-326644-15

Date Collected: 05/19/25 12:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00037	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00048	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1,2-Trichloroethane	0.0016	U *	0.0016	0.00096	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00036	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.0012	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2-Dibromo-3-Chloropropane	0.0016	U *	0.0016	0.00073	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00058	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
2-Butanone (MEK)	0.0080	U	0.0080	0.00059	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
2-Hexanone	0.0080	U	0.0080	0.0027	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
4-Methyl-2-pentanone (MIBK)	0.0080	U	0.0080	0.0025	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Acetone	**0.085**		0.0096	0.0091	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Acrolein	0.16	U	0.16	0.045	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Acrylonitrile	0.016	U	0.016	0.0078	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Benzene	0.0016	U	0.0016	0.00090	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Bromoform	0.0016	U	0.0016	0.00068	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Bromomethane	0.0032	U	0.0032	0.0016	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Carbon disulfide	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Carbon tetrachloride	0.0016	U	0.0016	0.00062	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chlorobenzene	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1

Client Sample ID: SRI-B1-2_3-5_20250519
Lab Sample ID: 460-326644-15

Date Collected: 05/19/25 12:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0016	U	0.0016	0.00095	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chlorodibromomethane	0.0016	U	0.0016	0.00086	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chloroethane	0.0016	U	0.0016	0.00083	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Chloromethane	0.0016	U	0.0016	0.00069	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00057	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Cyclohexane	0.0016	U	0.0016	0.00035	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Dichlorobromomethane	0.0016	U	0.0016	0.00041	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Dichlorodifluoromethane	0.0016	U *	0.0016	0.00054	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Ethylbenzene	0.0016	U	0.0016	0.00075	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Ethylene Dibromide	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Isopropylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Methyl acetate	0.0080	U	0.0080	0.0069	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00082	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Methylcyclohexane	0.0016	U	0.0016	0.00080	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Methylene Chloride	0.0032	U	0.0032	0.0018	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00067	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
o-Xylene	0.0016	U	0.0016	0.00074	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Styrene	0.0016	U	0.0016	0.00044	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
TBA	**0.21**		0.016	0.013	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Tetrachloroethene	0.0016	U	0.0016	0.00049	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Toluene	0.0016	U	0.0016	0.00037	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00039	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Trichloroethene	0.0016	U	0.0016	0.00051	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00065	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1
Vinyl chloride	0.0016	U	0.0016	0.00087	mg/Kg	☼	05/21/25 11:18	05/24/25 01:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 11:18*	*05/24/25 01:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/21/25 11:18*	*05/24/25 01:51*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*05/21/25 11:18*	*05/24/25 01:51*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*05/21/25 11:18*	*05/24/25 01:51*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*05/21/25 11:18*	*05/24/25 01:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.1**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16

Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16
Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,1,2-Trichloroethane	0.0010	U *	0.0010	0.00061	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2-Dibromo-3-Chloropropane	0.0010	U *	0.0010	0.00046	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Acetone	**0.045**		0.0061	0.0058	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
TBA	**0.068**		0.010	0.0079	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Toluene	**0.00028**	**J**	0.0010	0.00024	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16

Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/21/25 12:01	05/24/25 02:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:01*	*05/24/25 02:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*65 - 138*	*05/21/25 12:01*	*05/24/25 02:14*	*1*
4-Bromofluorobenzene	*126*		*71 - 128*	*05/21/25 12:01*	*05/24/25 02:14*	*1*
Dibromofluoromethane (Surr)	*133*		*50 - 150*	*05/21/25 12:01*	*05/24/25 02:14*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*	*05/21/25 12:01*	*05/24/25 02:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**94.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-2_13-15_20250519
Lab Sample ID: 460-326644-17

Date Collected: 05/19/25 12:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
2-Butanone (MEK)	0.0054	U	0.0054	0.00040	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
2-Hexanone	0.0054	U	0.0054	0.0018	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
4-Methyl-2-pentanone (MIBK)	0.0054	U	0.0054	0.0017	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Acetone	**0.011**		0.0065	0.0062	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Acrylonitrile	0.011	U	0.011	0.0052	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Benzene	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1

Client Sample ID: SRI-B1-2_13-15_20250519
Lab Sample ID: 460-326644-17

Date Collected: 05/19/25 12:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Chloromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Methyl acetate	0.0054	U	0.0054	0.0046	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Methylcyclohexane	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Methylene Chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
TBA	**0.027**		0.011	0.0084	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1
Vinyl chloride	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:02	05/24/25 08:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:02*	*05/24/25 08:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/21/25 12:02*	*05/24/25 08:56*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*05/21/25 12:02*	*05/24/25 08:56*	*1*
Dibromofluoromethane (Surr)	*117*		*50 - 150*	*05/21/25 12:02*	*05/24/25 08:56*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:02*	*05/24/25 08:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-2_18-20_20250519
Lab Sample ID: 460-326644-18

Date Collected: 05/19/25 12:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B1-2_18-20_20250519
Date Collected: 05/19/25 12:35
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-18
Matrix: Solid
Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Acetone	**0.022**		0.0068	0.0065	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Carbon disulfide	**0.0017**		0.0011	0.00030	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
TBA	**0.034**		0.011	0.0089	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1

Client Sample ID: SRI-B1-2_18-20_20250519
Lab Sample ID: 460-326644-18

Date Collected: 05/19/25 12:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 12:04	05/24/25 09:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:04*	*05/24/25 09:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/21/25 12:04*	*05/24/25 09:20*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*05/21/25 12:04*	*05/24/25 09:20*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*05/21/25 12:04*	*05/24/25 09:20*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/21/25 12:04*	*05/24/25 09:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**20.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**79.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-X-2_3-5_20250519
Lab Sample ID: 460-326644-19

Date Collected: 05/19/25 13:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U *	0.00098	0.00030	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Acetone	**0.015**		0.0059	0.0056	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Acrolein	0.098	U	0.098	0.027	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Acrylonitrile	0.0098	U	0.0098	0.0048	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1

Client Sample ID: SRI-X-2_3-5_20250519
Lab Sample ID: 460-326644-19

Date Collected: 05/19/25 13:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
m-Xylene & p-Xylene	**0.00055**	**J**	0.00098	0.00041	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
o-Xylene	**0.00045**	**J**	0.00098	0.00045	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
TBA	**0.051**		0.0098	0.0077	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	05/21/25 12:05	05/24/25 09:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:05*	*05/24/25 09:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/21/25 12:05*	*05/24/25 09:43*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 12:05*	*05/24/25 09:43*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*05/21/25 12:05*	*05/24/25 09:43*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:05*	*05/24/25 09:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-1_3-5_20250519
Lab Sample ID: 460-326644-20

Date Collected: 05/19/25 13:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B1-1_3-5_20250519
Date Collected: 05/19/25 13:00
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-20
Matrix: Solid
Percent Solids: 97.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Acetone	**0.044**		0.0067	0.0064	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
TBA	**0.14**		0.011	0.0087	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Tetrachloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Trichloroethene	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00045	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1

Client Sample ID: SRI-B1-1_3-5_20250519
Lab Sample ID: 460-326644-20
Date Collected: 05/19/25 13:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:06	05/25/25 08:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:06*	*05/25/25 08:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/21/25 12:06*	*05/25/25 08:39*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*05/21/25 12:06*	*05/25/25 08:39*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 12:06*	*05/25/25 08:39*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/21/25 12:06*	*05/25/25 08:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-3_3-5_20250519
Lab Sample ID: 460-326644-21
Date Collected: 05/19/25 13:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00024	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00031	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Acetone	**0.038**		0.0062	0.0059	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Acrolein	0.10	U	0.10	0.029	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Acrylonitrile	0.010	U	0.010	0.0050	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00040	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1

Client Sample ID: SRI-B1-3_3-5_20250519

Lab Sample ID: 460-326644-21

Date Collected: 05/19/25 13:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00035	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Methyl acetate	0.0052	U	0.0052	0.0044	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
TBA	**0.11**		0.010	0.0081	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Tetrachloroethene	0.0010	U *	0.0010	0.00032	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Trichloroethene	0.0010	U *	0.0010	0.00033	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Trichlorofluoromethane	0.0010	U *	0.0010	0.00042	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/21/25 12:10	05/25/25 09:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:10*	*05/25/25 09:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/21/25 12:10*	*05/25/25 09:02*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/21/25 12:10*	*05/25/25 09:02*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 12:10*	*05/25/25 09:02*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:10*	*05/25/25 09:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**95.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-3_5-7_20250519

Lab Sample ID: 460-326644-22

Date Collected: 05/19/25 13:55
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B1-3_5-7_20250519
Date Collected: 05/19/25 13:55
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-22
Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Acetone	**0.026**		0.0067	0.0064	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00038	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
TBA	**0.070**		0.011	0.0087	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Tetrachloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Trichloroethene	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00045	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:12	05/25/25 09:26	1

Client Sample ID: SRI-B1-3_5-7_20250519
Lab Sample ID: 460-326644-22
Date Collected: 05/19/25 13:55
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.9

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼		N/A	05/21/25 12:12	05/25/25 09:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		65 - 138	05/21/25 12:12	05/25/25 09:26	1
4-Bromofluorobenzene	99		71 - 128	05/21/25 12:12	05/25/25 09:26	1
Dibromofluoromethane (Surr)	103		50 - 150	05/21/25 12:12	05/25/25 09:26	1
Toluene-d8 (Surr)	86		71 - 126	05/21/25 12:12	05/25/25 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.1		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	96.9		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-3_13-15_20250519
Lab Sample ID: 460-326644-23
Date Collected: 05/19/25 14:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Acetone	0.14		0.0060	0.0057	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00039	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chloroform	0.0010	U	0.0010	0.00098	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1

Client Sample ID: SRI-B1-3_13-15_20250519
Lab Sample ID: 460-326644-23
Date Collected: 05/19/25 14:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
TBA	**0.14**		0.010	0.0079	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Tetrachloroethene	0.0010	U *	0.0010	0.00031	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Trichloroethene	0.0010	U *	0.0010	0.00032	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Trichlorofluoromethane	0.0010	U *	0.0010	0.00041	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/21/25 12:13	05/25/25 09:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:13*	*05/25/25 09:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:13*	*05/25/25 09:49*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*05/21/25 12:13*	*05/25/25 09:49*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 12:13*	*05/25/25 09:49*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/21/25 12:13*	*05/25/25 09:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U *	0.00094	0.00022	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U *	0.00094	0.00028	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,1-Dichloroethene	0.00094	U *	0.00094	0.00021	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00069	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00049	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Acetone	**0.0082**		0.0056	0.0054	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Acrolein	0.094	U	0.094	0.026	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Acrylonitrile	0.0094	U	0.0094	0.0046	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Benzene	0.00094	U	0.00094	0.00053	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Carbon disulfide	0.00094	U	0.00094	0.00025	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Carbon tetrachloride	0.00094	U *	0.00094	0.00036	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chlorobenzene	0.00094	U	0.00094	0.00048	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chlorobromomethane	0.00094	U	0.00094	0.00056	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chlorodibromomethane	0.00094	U	0.00094	0.00050	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Dichlorodifluoromethane	0.00094	U *	0.00094	0.00032	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Ethylbenzene	0.00094	U	0.00094	0.00044	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Ethylene Dibromide	0.00094	U	0.00094	0.00047	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
m-Xylene & p-Xylene	0.00094	U	0.00094	0.00040	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
o-Xylene	0.00094	U	0.00094	0.00043	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
TBA	**0.027**		0.0094	0.0074	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Tetrachloroethene	0.00094	U *	0.00094	0.00029	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
trans-1,2-Dichloroethene	0.00094	U *	0.00094	0.00023	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Trichloroethene	0.00094	U *	0.00094	0.00030	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Trichlorofluoromethane	0.00094	U *	0.00094	0.00038	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	05/21/25 12:14	05/25/25 10:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:14*	*05/25/25 10:13*	*1*

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24

Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*	*05/21/25 12:14*	*05/25/25 10:13*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*05/21/25 12:14*	*05/25/25 10:13*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*05/21/25 12:14*	*05/25/25 10:13*	*1*
Toluene-d8 (Surr)	*88*		*71 - 126*	*05/21/25 12:14*	*05/25/25 10:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.6**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.4**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_5-7_20250519
Lab Sample ID: 460-326644-25

Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U *	0.00096	0.00022	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U *	0.00096	0.00029	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,1-Dichloroethene	0.00096	U *	0.00096	0.00022	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
2-Butanone (MEK)	**0.0068**		0.0048	0.00035	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Acetone	**0.082**		0.0057	0.0055	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Acrolein	0.096	U	0.096	0.027	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Acrylonitrile	0.0096	U	0.0096	0.0047	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Benzene	0.00096	U	0.00096	0.00054	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Carbon disulfide	0.00096	U	0.00096	0.00025	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Carbon tetrachloride	0.00096	U *	0.00096	0.00037	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chlorodibromomethane	0.00096	U	0.00096	0.00051	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1

Client Sample ID: SRI-B1-4_5-7_20250519
Lab Sample ID: 460-326644-25
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00096	U *	0.00096	0.00032	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Ethylbenzene	0.00096	U	0.00096	0.00045	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Isopropylbenzene	0.00096	U	0.00096	0.00027	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Methylcyclohexane	0.00096	U	0.00096	0.00048	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
m-Xylene & p-Xylene	**0.00041**	**J**	0.00096	0.00041	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
o-Xylene	0.00096	U	0.00096	0.00044	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
TBA	**0.050**		0.0096	0.0075	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Tetrachloroethene	0.00096	U *	0.00096	0.00029	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Toluene	**0.00030**	**J**	0.00096	0.00022	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
trans-1,2-Dichloroethene	0.00096	U *	0.00096	0.00024	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00025	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Trichloroethene	0.00096	U *	0.00096	0.00031	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Trichlorofluoromethane	0.00096	U *	0.00096	0.00039	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1
Vinyl chloride	0.00096	U	0.00096	0.00052	mg/Kg	☼	05/21/25 12:16	05/25/25 10:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:16*	*05/25/25 10:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:16*	*05/25/25 10:37*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/21/25 12:16*	*05/25/25 10:37*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*05/21/25 12:16*	*05/25/25 10:37*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:16*	*05/25/25 10:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_13-15_20250519
Lab Sample ID: 460-326644-26
Date Collected: 05/19/25 14:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00025	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00082	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B1-4_13-15_20250519
Date Collected: 05/19/25 14:25
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-26
Matrix: Solid
Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
2-Butanone (MEK)	**0.013**		0.0055	0.00041	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Acetone	**0.094**		0.0066	0.0063	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Acrylonitrile	0.011	U	0.011	0.0054	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Carbon disulfide	**0.0079**		0.0011	0.00029	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00043	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00037	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Methyl acetate	0.0055	U	0.0055	0.0048	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
m-Xylene & p-Xylene	**0.00058**	**J**	0.0011	0.00047	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
TBA	**0.089**		0.011	0.0087	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Tetrachloroethene	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Trichloroethene	0.0011	U *	0.0011	0.00036	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00045	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:17	05/25/25 11:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0093*	*J*	*mg/Kg*	☼	*3.79*	*N/A*	*05/21/25 12:17*	*05/25/25 11:00*	*1*
Unknown	*0.071*	*J*	*mg/Kg*	☼	*4.87*	*N/A*	*05/21/25 12:17*	*05/25/25 11:00*	*1*
Hexane, 2,5-dimethyl-	*0.010*	*J N*	*mg/Kg*	☼	*5.67*	*592-13-2*	*05/21/25 12:17*	*05/25/25 11:00*	*1*
Pentane, 2,3,4-trimethyl-	*0.045*	*J N*	*mg/Kg*	☼	*6.17*	*565-75-3*	*05/21/25 12:17*	*05/25/25 11:00*	*1*
Pentane, 2,3,3-trimethyl-	*0.049*	*J N*	*mg/Kg*	☼	*6.32*	*560-21-4*	*05/21/25 12:17*	*05/25/25 11:00*	*1*

Client Sample ID: SRI-B1-4_13-15_20250519
Lab Sample ID: 460-326644-26

Date Collected: 05/19/25 14:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 90.9

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.029	J	mg/Kg	☼	6.79	N/A	05/21/25 12:17	05/25/25 11:00	1
Unknown	0.022	J	mg/Kg	☼	9.90	N/A	05/21/25 12:17	05/25/25 11:00	1
Unknown	0.010	J	mg/Kg	☼	10.08	N/A	05/21/25 12:17	05/25/25 11:00	1
Unknown	0.011	J	mg/Kg	☼	10.30	N/A	05/21/25 12:17	05/25/25 11:00	1
Unknown	0.0091	J	mg/Kg	☼	10.78	N/A	05/21/25 12:17	05/25/25 11:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		65 - 138	05/21/25 12:17	05/25/25 11:00	1
4-Bromofluorobenzene	111		71 - 128	05/21/25 12:17	05/25/25 11:00	1
Dibromofluoromethane (Surr)	114		50 - 150	05/21/25 12:17	05/25/25 11:00	1
Toluene-d8 (Surr)	96		71 - 126	05/21/25 12:17	05/25/25 11:00	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.1		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	90.9		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_17-19_20250519
Lab Sample ID: 460-326644-27

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.037	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1,2-Trichloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1-Dichloroethane	0.11	U	0.11	0.026	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,1-Dichloroethene	0.11	U	0.11	0.029	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2,3-Trichlorobenzene	0.11	U *	0.11	0.038	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.029	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.023	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2-Dichlorobenzene	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2-Dichloroethane	0.11	U	0.11	0.027	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,2-Dichloropropane	0.11	U	0.11	0.020	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,3-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
1,4-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
2-Butanone (MEK)	0.55	U	0.55	0.24	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
2-Hexanone	0.55	U	0.55	0.12	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
4-Methyl-2-pentanone (MIBK)	0.55	U	0.55	0.14	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Acetone	0.55	U	0.55	0.48	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Acrolein	0.55	U	0.55	0.26	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Acrylonitrile	1.1	U	1.1	0.20	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Benzene	0.11	U	0.11	0.022	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Bromoform	0.11	U	0.11	0.020	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Bromomethane	0.11	U	0.11	0.060	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Carbon disulfide	0.11	U	0.11	0.074	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Carbon tetrachloride	0.11	U	0.11	0.036	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chlorobenzene	0.11	U	0.11	0.026	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chlorobromomethane	0.11	U	0.11	0.033	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-4_17-19_20250519
Lab Sample ID: 460-326644-27
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chloroethane	0.11	U	0.11	0.040	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chloroform	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Chloromethane	0.11	U	0.11	0.044	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.028	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Cyclohexane	0.11	U	0.11	0.028	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Dichlorobromomethane	0.11	U	0.11	0.016	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Dichlorodifluoromethane	0.11	U	0.11	0.034	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Ethylbenzene	**0.052**	**J**	0.11	0.033	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Ethylene Dibromide	0.11	U	0.11	0.021	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Isopropylbenzene	**0.33**		0.11	0.035	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Methyl acetate	0.55	U	0.55	0.086	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Methyl tert-butyl ether	0.11	U	0.11	0.023	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Methylcyclohexane	0.11	U	0.11	0.079	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Methylene Chloride	0.11	U	0.11	0.023	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
m-Xylene & p-Xylene	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
o-Xylene	0.11	U	0.11	0.035	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Styrene	0.11	U	0.11	0.019	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
TBA	1.1	U	1.1	0.90	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Tetrachloroethene	0.11	U	0.11	0.039	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Toluene	0.11	U	0.11	0.027	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.020	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Trichloroethene	0.11	U	0.11	0.024	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Trichlorofluoromethane	0.11	U	0.11	0.035	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50
Vinyl chloride	0.11	U	0.11	0.022	mg/Kg	☼	05/21/25 12:29	05/27/25 18:44	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2,4-dimethyl-	*3.8*	*J N*	*mg/Kg*	☼	*2.91*	*108-08-7*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Unknown Alkane	*27*	*J*	*mg/Kg*	☼	*3.84*	*N/A*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Hexane, 2,5-dimethyl-	*4.3*	*J N*	*mg/Kg*	☼	*4.58*	*592-13-2*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Pentane, 2,3,4-trimethyl-	*18*	*J N*	*mg/Kg*	☼	*5.03*	*565-75-3*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Pentane, 2,3,3-trimethyl-	*21*	*J N*	*mg/Kg*	☼	*5.16*	*560-21-4*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Hexane, 2,2,5-trimethyl-	*13*	*J N*	*mg/Kg*	☼	*5.61*	*3522-94-9*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Unknown	*7.6*	*J*	*mg/Kg*	☼	*9.08*	*N/A*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Benzene, 1,4-diethyl-	*4.9*	*J N*	*mg/Kg*	☼	*10.43*	*105-05-5*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Benzene, 1-ethyl-2,3-dimethyl-	*8.0*	*J N*	*mg/Kg*	☼	*10.81*	*933-98-2*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Benzene, 1,2,3,4-tetramethyl-	*5.2*	*J N*	*mg/Kg*	☼	*11.13*	*488-23-3*	*05/21/25 12:29*	*05/27/25 18:44*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*60 - 150*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
4-Bromofluorobenzene	*126*		*70 - 150*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Dibromofluoromethane (Surr)	*113*		*68 - 150*	*05/21/25 12:29*	*05/27/25 18:44*	*50*
Toluene-d8 (Surr)	*114*		*64 - 157*	*05/21/25 12:29*	*05/27/25 18:44*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**87.3**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-1_3-5_20250519
Lab Sample ID: 460-326644-33
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00085	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Acetone	**0.043**		0.0069	0.0066	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00044	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chlorodibromomethane	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00039	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
m-Xylene & p-Xylene	**0.00049**	**J**	0.0011	0.00048	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
TBA	**0.12**		0.011	0.0090	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Tetrachloroethene	0.0011	U *	0.0011	0.00035	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1

Client Sample ID: SRI-B2-1_3-5_20250519
Lab Sample ID: 460-326644-33

Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00028	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Trichloroethene	0.0011	U *	0.0011	0.00037	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00047	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1
Vinyl chloride	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/21/25 12:37	05/25/25 11:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:37*	*05/25/25 11:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*65 - 138*	*05/21/25 12:37*	*05/25/25 11:24*	*1*
4-Bromofluorobenzene	*132*	*	*71 - 128*	*05/21/25 12:37*	*05/25/25 11:24*	*1*
Dibromofluoromethane (Surr)	*134*		*50 - 150*	*05/21/25 12:37*	*05/25/25 11:24*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*	*05/21/25 12:37*	*05/25/25 11:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B1-4_18-20_20250519
Lab Sample ID: 460-326644-34

Date Collected: 05/19/25 14:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U *	0.00092	0.00021	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U *	0.00092	0.00028	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,1-Dichloroethene	0.00092	U *	0.00092	0.00021	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Acetone	**0.0080**		0.0055	0.0053	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Acrolein	0.092	U	0.092	0.026	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Acrylonitrile	0.0092	U	0.0092	0.0045	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Bromoform	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Carbon tetrachloride	0.00092	U *	0.00092	0.00036	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1

Client Sample ID: SRI-B1-4_18-20_20250519
Lab Sample ID: 460-326644-34
Date Collected: 05/19/25 14:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chlorodibromomethane	0.00092	U	0.00092	0.00049	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Dichlorodifluoromethane	0.00092	U *	0.00092	0.00031	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
TBA	**0.020**		0.0092	0.0072	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Tetrachloroethene	0.00092	U *	0.00092	0.00028	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Toluene	0.00092	U	0.00092	0.00022	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
trans-1,2-Dichloroethene	0.00092	U *	0.00092	0.00023	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Trichloroethene	0.00092	U *	0.00092	0.00030	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Trichlorofluoromethane	0.00092	U *	0.00092	0.00037	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	05/21/25 12:36	05/25/25 11:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:36*	*05/25/25 11:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/21/25 12:36*	*05/25/25 11:48*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 12:36*	*05/25/25 11:48*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 12:36*	*05/25/25 11:48*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/21/25 12:36*	*05/25/25 11:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-1_18-20_20250519
Lab Sample ID: 460-326644-35
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B2-1_18-20_20250519
Date Collected: 05/19/25 14:45
Date Received: 05/20/25 23:59

Lab Sample ID: 460-326644-35
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2,3-Trichlorobenzene	0.0014	U *	0.0014	0.0010	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2,4-Trichlorobenzene	0.0014	U *	0.0014	0.00050	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0022	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Acetone	**0.016**		0.0083	0.0079	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Acrolein	0.14	U	0.14	0.039	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Acrylonitrile	0.014	U	0.014	0.0067	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Benzene	0.0014	U	0.0014	0.00079	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chlorobromomethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Methyl acetate	0.0069	U	0.0069	0.0060	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
TBA	0.014	U	0.014	0.011	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1

Client Sample ID: SRI-B2-1_18-20_20250519
Lab Sample ID: 460-326644-35

Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1
Vinyl chloride	0.0014	U	0.0014	0.00076	mg/Kg	☼	05/21/25 12:45	06/02/25 21:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.011*	*J*	*mg/Kg*	☼	*3.24*	*N/A*	*05/21/25 12:45*	*06/02/25 21:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*05/21/25 12:45*	*06/02/25 21:46*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/21/25 12:45*	*06/02/25 21:46*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*05/21/25 12:45*	*06/02/25 21:46*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:45*	*06/02/25 21:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**22.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**77.3**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-1_13-15_20250519
Lab Sample ID: 460-326644-36

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U *	0.0010	0.00023	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,1-Dichloroethene	0.0010	U *	0.0010	0.00022	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00073	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Acetone	**0.012**		0.0060	0.0057	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Acrylonitrile	0.010	U	0.010	0.0048	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Benzene	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Carbon disulfide	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00039	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chlorobenzene	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1

Client Sample ID: SRI-B2-1_13-15_20250519

Lab Sample ID: 460-326644-36

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chlorodibromomethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Dichlorodifluoromethane	0.0010	U *	0.0010	0.00034	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
TBA	**0.029**		0.010	0.0078	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Tetrachloroethene	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00024	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Trichloroethene	0.0010	U *	0.0010	0.00032	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Trichlorofluoromethane	0.0010	U *	0.0010	0.00040	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/21/25 12:39	05/25/25 12:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:39*	*05/25/25 12:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:39*	*05/25/25 12:11*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 12:39*	*05/25/25 12:11*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*05/21/25 12:39*	*05/25/25 12:11*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/21/25 12:39*	*05/25/25 12:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**86.3**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-1_8-10_20250519

Lab Sample ID: 460-326644-37

Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U *	0.00099	0.00023	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-1_8-10_20250519
Lab Sample ID: 460-326644-37
Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U *	0.00099	0.00030	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,1-Dichloroethene	0.00099	U *	0.00099	0.00022	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00035	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00045	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Acetone	**0.15**		0.0059	0.0056	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Acrolein	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Acrylonitrile	0.0099	U	0.0099	0.0048	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Carbon tetrachloride	0.00099	U *	0.00099	0.00038	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chloroethane	0.00099	U	0.00099	0.00051	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chloroform	0.00099	U	0.00099	0.00096	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00035	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Dichlorobromomethane	0.00099	U	0.00099	0.00025	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Dichlorodifluoromethane	0.00099	U *	0.00099	0.00033	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Ethylbenzene	0.00099	U	0.00099	0.00046	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00050	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Methylcyclohexane	0.00099	U	0.00099	0.00049	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
o-Xylene	0.00099	U	0.00099	0.00045	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Styrene	0.00099	U	0.00099	0.00027	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
TBA	**0.15**		0.0099	0.0077	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Tetrachloroethene	0.00099	U *	0.00099	0.00030	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Toluene	0.00099	U	0.00099	0.00023	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
trans-1,2-Dichloroethene	0.00099	U *	0.00099	0.00024	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1

Client Sample ID: SRI-B2-1_8-10_20250519
Lab Sample ID: 460-326644-37

Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00099	U *	0.00099	0.00032	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Trichlorofluoromethane	0.00099	U *	0.00099	0.00040	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	05/21/25 12:38	05/25/25 12:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:38*	*05/25/25 12:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:38*	*05/25/25 12:35*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*05/21/25 12:38*	*05/25/25 12:35*	*1*
Dibromofluoromethane (Surr)	*122*		*50 - 150*	*05/21/25 12:38*	*05/25/25 12:35*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 12:38*	*05/25/25 12:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-3_3-5_20250519
Lab Sample ID: 460-326644-38

Date Collected: 05/19/25 15:05
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U *	0.0011	0.00027	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,1-Dichloroethene	0.0011	U *	0.0011	0.00026	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Acetone	**0.018**		0.0069	0.0065	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Carbon tetrachloride	0.0011	U *	0.0011	0.00044	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1

Client Sample ID: SRI-B2-3_3-5_20250519
Lab Sample ID: 460-326644-38

Date Collected: 05/19/25 15:05
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Dichlorodifluoromethane	0.0011	U *	0.0011	0.00039	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
TBA	**0.047**		0.011	0.0090	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Tetrachloroethene	0.0011	U *	0.0011	0.00035	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
trans-1,2-Dichloroethene	0.0011	U *	0.0011	0.00028	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Trichloroethene	0.0011	U *	0.0011	0.00037	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Trichlorofluoromethane	0.0011	U *	0.0011	0.00046	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 12:41	05/25/25 12:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:41*	*05/25/25 12:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/21/25 12:41*	*05/25/25 12:58*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*	*05/21/25 12:41*	*05/25/25 12:58*	*1*
Dibromofluoromethane (Surr)	*125*		*50 - 150*	*05/21/25 12:41*	*05/25/25 12:58*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/21/25 12:41*	*05/25/25 12:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39

Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.14	U	0.14	0.040	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.028	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.14	U	0.14	0.048	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39
Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.14	U	0.14	0.029	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,1-Dichloroethane	0.14	U	0.14	0.034	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,1-Dichloroethene	0.14	U	0.14	0.038	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2,3-Trichlorobenzene	0.14	U *	0.14	0.050	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2,4-Trichlorobenzene	0.14	U	0.14	0.038	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2-Dibromo-3-Chloropropane	0.14	U	0.14	0.030	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2-Dichlorobenzene	0.14	U	0.14	0.031	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2-Dichloroethane	0.14	U	0.14	0.036	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,2-Dichloropropane	0.14	U	0.14	0.026	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,3-Dichlorobenzene	0.14	U	0.14	0.047	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
1,4-Dichlorobenzene	0.14	U	0.14	0.047	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
2-Butanone (MEK)	0.71	U	0.71	0.31	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
2-Hexanone	0.71	U	0.71	0.16	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
4-Methyl-2-pentanone (MIBK)	0.71	U	0.71	0.19	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Acetone	0.71	U	0.71	0.63	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Acrolein	0.71	U	0.71	0.34	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Acrylonitrile	1.4	U	1.4	0.26	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Benzene	0.14	U	0.14	0.029	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Bromoform	0.14	U	0.14	0.026	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Bromomethane	0.14	U	0.14	0.079	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Carbon disulfide	0.14	U	0.14	0.096	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Carbon tetrachloride	0.14	U	0.14	0.047	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chlorobenzene	0.14	U	0.14	0.034	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chlorobromomethane	0.14	U	0.14	0.043	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chlorodibromomethane	0.14	U	0.14	0.031	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chloroethane	0.14	U	0.14	0.053	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chloroform	0.14	U	0.14	0.031	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Chloromethane	0.14	U	0.14	0.057	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
cis-1,2-Dichloroethene	0.14	U	0.14	0.037	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
cis-1,3-Dichloropropene	0.14	U	0.14	0.032	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Cyclohexane	0.14	U	0.14	0.037	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Dichlorobromomethane	0.14	U	0.14	0.021	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Dichlorodifluoromethane	0.14	U	0.14	0.044	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Ethylbenzene	0.14	U	0.14	0.043	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Ethylene Dibromide	0.14	U	0.14	0.027	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Isopropylbenzene	**0.69**		0.14	0.045	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Methyl acetate	0.71	U	0.71	0.11	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Methyl tert-butyl ether	0.14	U	0.14	0.030	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Methylcyclohexane	0.14	U	0.14	0.10	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Methylene Chloride	0.14	U	0.14	0.030	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
m-Xylene & p-Xylene	0.14	U	0.14	0.040	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
o-Xylene	0.14	U	0.14	0.045	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Styrene	0.14	U	0.14	0.024	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
TBA	1.4	U	1.4	1.2	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Tetrachloroethene	0.14	U	0.14	0.051	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Toluene	0.14	U	0.14	0.036	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
trans-1,2-Dichloroethene	0.14	U	0.14	0.026	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
trans-1,3-Dichloropropene	0.14	U	0.14	0.032	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Trichloroethene	0.14	U	0.14	0.031	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39

Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.14	U	0.14	0.045	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50
Vinyl chloride	0.14	U	0.14	0.028	mg/Kg	☼	05/21/25 12:05	05/27/25 19:07	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*13*	*J*	*mg/Kg*	☼	*9.08*	*N/A*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Unknown	*8.1*	*J*	*mg/Kg*	☼	*10.03*	*N/A*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Unknown	*26*	*J*	*mg/Kg*	☼	*10.43*	*N/A*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, 1,2-diethyl-	*11*	*J N*	*mg/Kg*	☼	*10.50*	*135-01-3*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, 2-ethyl-1,4-dimethyl-	*59*	*J N*	*mg/Kg*	☼	*10.82*	*1758-88-9*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, (2-methyl-1-propenyl)-	*9.0*	*J N*	*mg/Kg*	☼	*10.91*	*768-49-0*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, 1,2,4,5-tetramethyl-	*36*	*J N*	*mg/Kg*	☼	*11.13*	*95-93-2*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Benzene, 2-ethenyl-1,4-dimethyl-	*12*	*J N*	*mg/Kg*	☼	*11.38*	*2039-89-6*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
1-Phenyl-1-butene	*37*	*J N*	*mg/Kg*	☼	*11.49*	*824-90-8*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
4-tert-Butyltoluene	*7.3*	*J N*	*mg/Kg*	☼	*11.76*	*98-51-1*	*05/21/25 12:05*	*05/27/25 19:07*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*60 - 150*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
4-Bromofluorobenzene	*125*		*70 - 150*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Dibromofluoromethane (Surr)	*114*		*68 - 150*	*05/21/25 12:05*	*05/27/25 19:07*	*50*
Toluene-d8 (Surr)	*114*		*64 - 157*	*05/21/25 12:05*	*05/27/25 19:07*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**87.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-3_8-10_20250519
Lab Sample ID: 460-326644-40

Date Collected: 05/19/25 15:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U *	0.0012	0.00027	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00035	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
2-Butanone (MEK)	0.0058	U *	0.0058	0.00043	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Acetone	**0.21**		0.0069	0.0066	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Acrolein	0.12	U	0.12	0.032	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1

Client Sample ID: SRI-B2-3_8-10_20250519
Lab Sample ID: 460-326644-40

Date Collected: 05/19/25 15:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	0.012	U	0.012	0.0056	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Chloromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
TBA	**0.21**		0.012	0.0091	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/21/25 12:41	05/25/25 20:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:41*	*05/25/25 20:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*05/21/25 12:41*	*05/25/25 20:31*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/21/25 12:41*	*05/25/25 20:31*	*1*
Dibromofluoromethane (Surr)	*121*		*50 - 150*	*05/21/25 12:41*	*05/25/25 20:31*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 12:41*	*05/25/25 20:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-3_17-19_20250519
Lab Sample ID: 460-326644-41
Date Collected: 05/19/25 15:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1,2,2-Tetrachloroethane	0.099	U	0.099	0.020	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.099	U	0.099	0.034	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1,2-Trichloroethane	0.099	U	0.099	0.020	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1-Dichloroethane	0.099	U	0.099	0.024	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,1-Dichloroethene	0.099	U	0.099	0.026	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2,3-Trichlorobenzene	0.099	U	0.099	0.035	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2,4-Trichlorobenzene	0.099	U	0.099	0.027	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2-Dibromo-3-Chloropropane	0.099	U	0.099	0.021	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2-Dichlorobenzene	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2-Dichloroethane	0.099	U	0.099	0.025	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,2-Dichloropropane	0.099	U	0.099	0.018	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,3-Dichlorobenzene	0.099	U	0.099	0.033	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
1,4-Dichlorobenzene	0.099	U	0.099	0.033	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
2-Butanone (MEK)	0.49	U	0.49	0.22	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
2-Hexanone	0.49	U	0.49	0.11	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
4-Methyl-2-pentanone (MIBK)	0.49	U	0.49	0.13	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Acetone	0.49	U	0.49	0.44	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Acrolein	0.49	U	0.49	0.24	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Acrylonitrile	0.99	U	0.99	0.18	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Benzene	0.099	U	0.099	0.020	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Bromoform	0.099	U	0.099	0.018	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Bromomethane	0.099	U	0.099	0.055	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Carbon disulfide	0.099	U *	0.099	0.067	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Carbon tetrachloride	0.099	U	0.099	0.033	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chlorobenzene	0.099	U	0.099	0.024	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chlorobromomethane	0.099	U	0.099	0.030	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chlorodibromomethane	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chloroethane	0.099	U	0.099	0.037	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chloroform	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Chloromethane	0.099	U	0.099	0.040	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
cis-1,2-Dichloroethene	0.099	U	0.099	0.026	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
cis-1,3-Dichloropropene	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Cyclohexane	0.099	U	0.099	0.026	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Dichlorobromomethane	0.099	U	0.099	0.015	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Dichlorodifluoromethane	0.099	U	0.099	0.031	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Ethylbenzene	0.099	U	0.099	0.030	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Ethylene Dibromide	0.099	U	0.099	0.019	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Isopropylbenzene	0.099	U	0.099	0.032	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Methyl acetate	**0.15**	**J**	0.49	0.078	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Methyl tert-butyl ether	0.099	U	0.099	0.021	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Methylcyclohexane	0.099	U	0.099	0.072	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Methylene Chloride	0.099	U	0.099	0.021	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
m-Xylene & p-Xylene	0.099	U	0.099	0.028	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
o-Xylene	0.099	U	0.099	0.032	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Styrene	0.099	U	0.099	0.017	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
TBA	0.99	U	0.99	0.82	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Tetrachloroethene	0.099	U	0.099	0.036	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Toluene	0.099	U	0.099	0.025	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50

Client Sample ID: SRI-B2-3_17-19_20250519
Lab Sample ID: 460-326644-41

Date Collected: 05/19/25 15:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.099	U	0.099	0.018	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
trans-1,3-Dichloropropene	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Trichloroethene	0.099	U	0.099	0.022	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Trichlorofluoromethane	0.099	U	0.099	0.032	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50
Vinyl chloride	0.099	U	0.099	0.020	mg/Kg	☼	05/21/25 12:09	05/28/25 03:06	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2,2,4-trimethyl-	*14*	*J N*	*mg/Kg*	☼	*3.84*	*540-84-1*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Hexane, 2,5-dimethyl-	*2.0*	*J N*	*mg/Kg*	☼	*4.57*	*592-13-2*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Hexane, 2,4-dimethyl-	*1.8*	*J N*	*mg/Kg*	☼	*4.64*	*589-43-5*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Pentane, 2,3,4-trimethyl-	*9.9*	*J N*	*mg/Kg*	☼	*5.03*	*565-75-3*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Pentane, 2,3,3-trimethyl-	*10*	*J N*	*mg/Kg*	☼	*5.17*	*560-21-4*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Hexane, 2,2,4-trimethyl-	*10*	*J N*	*mg/Kg*	☼	*5.61*	*16747-26-5*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Decane, 2,2,6-trimethyl-	*1.6*	*J N*	*mg/Kg*	☼	*7.67*	*62237-97-2*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Heptane, 3,3,5-trimethyl-	*1.6*	*J N*	*mg/Kg*	☼	*8.09*	*7154-80-5*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Unknown	*4.6*	*J*	*mg/Kg*	☼	*9.08*	*N/A*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Unknown	*1.6*	*J*	*mg/Kg*	☼	*10.03*	*N/A*	*05/21/25 12:09*	*05/28/25 03:06*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*60 - 150*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
4-Bromofluorobenzene	*126*		*70 - 150*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Dibromofluoromethane (Surr)	*118*		*68 - 150*	*05/21/25 12:09*	*05/28/25 03:06*	*50*
Toluene-d8 (Surr)	*119*		*64 - 157*	*05/21/25 12:09*	*05/28/25 03:06*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42

Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42
Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Acetone	**0.20**		0.0070	0.0066	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Acrolein	0.12	U	0.12	0.032	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Acrylonitrile	0.012	U *	0.012	0.0056	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Chloromethane	0.0012	U *	0.0012	0.00050	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
TBA	**0.045**		0.012	0.0091	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
trans-1,3-Dichloropropene	0.0012	U *	0.0012	0.00031	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1
Vinyl chloride	0.0012	U *	0.0012	0.00063	mg/Kg	☼	05/21/25 12:43	05/24/25 02:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0081*	*J*	*mg/Kg*	☼	*12.04*	*N/A*	*05/21/25 12:43*	*05/24/25 02:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*05/21/25 12:43*	*05/24/25 02:33*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/21/25 12:43*	*05/24/25 02:33*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/21/25 12:43*	*05/24/25 02:33*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 12:43*	*05/24/25 02:33*	*1*

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42

Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.4		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	91.6		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-4_7-9_20250519
Lab Sample ID: 460-326644-43

Date Collected: 05/19/25 15:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Acetone	0.032		0.0066	0.0063	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Acrylonitrile	0.011	U *	0.011	0.0053	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Chloromethane	0.0011	U *	0.0011	0.00048	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1

Client Sample ID: SRI-B2-4_7-9_20250519
Lab Sample ID: 460-326644-43

Date Collected: 05/19/25 15:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
o-Xylene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
TBA	**0.022**		0.011	0.0086	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
trans-1,3-Dichloropropene	0.0011	U *	0.0011	0.00029	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1
Vinyl chloride	0.0011	U *	0.0011	0.00060	mg/Kg	☼	05/21/25 12:46	05/24/25 02:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/21/25 12:46*	*05/24/25 02:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*	*05/21/25 12:46*	*05/24/25 02:58*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/21/25 12:46*	*05/24/25 02:58*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/21/25 12:46*	*05/24/25 02:58*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/21/25 12:46*	*05/24/25 02:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44

Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00085	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00042	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44
Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.16		0.0069	0.0066	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Acrolein	0.12	U	0.12	0.032	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Acrylonitrile	0.012	U *	0.012	0.0056	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Benzene	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chlorobenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chloroethane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Chloromethane	0.0012	U *	0.0012	0.00050	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Cyclohexane	0.0012	U	0.0012	0.00025	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Ethylene Dibromide	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
o-Xylene	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
TBA	0.038		0.012	0.0090	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
trans-1,3-Dichloropropene	0.0012	U *	0.0012	0.00031	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1
Vinyl chloride	0.0012	U *	0.0012	0.00063	mg/Kg	☼	05/21/25 12:44	05/24/25 03:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0060*	*J*	*mg/Kg*	☼	*12.04*	*N/A*	*05/21/25 12:44*	*05/24/25 03:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*05/21/25 12:44*	*05/24/25 03:23*	*1*
4-Bromofluorobenzene	*79*		*71 - 128*	*05/21/25 12:44*	*05/24/25 03:23*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*05/21/25 12:44*	*05/24/25 03:23*	*1*
Toluene-d8 (Surr)	*86*		*71 - 126*	*05/21/25 12:44*	*05/24/25 03:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44
Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.3

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A4-4_3_5_20250521
Lab Sample ID: 460-326694-1
Date Collected: 05/21/25 08:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2-Dibromo-3-Chloropropane	0.0011	U *	0.0011	0.00052	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Methyl acetate	0.0057	U *	0.0057	0.0049	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1

Client Sample ID: SRI-A4-4_3_5_20250521
Lab Sample ID: 460-326694-1
Date Collected: 05/21/25 08:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
TBA	**0.012**		0.011	0.0089	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/23/25 07:20	06/02/25 14:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:20*	*06/02/25 14:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/23/25 07:20*	*06/02/25 14:03*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*	*05/23/25 07:20*	*06/02/25 14:03*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/23/25 07:20*	*06/02/25 14:03*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/23/25 07:20*	*06/02/25 14:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**90.1**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A4-4_6-8_20250521
Lab Sample ID: 460-326694-2
Date Collected: 05/21/25 08:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0019	U	0.0019	0.00045	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1,2,2-Tetrachloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0019	U *	0.0019	0.00058	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1,2-Trichloroethane	0.0019	U	0.0019	0.0012	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1-Dichloroethane	0.0019	U *	0.0019	0.0011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,1-Dichloroethene	0.0019	U	0.0019	0.00043	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2,3-Trichlorobenzene	0.0019	U	0.0019	0.0014	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2,4-Trichlorobenzene	0.0019	U	0.0019	0.00069	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2-Dibromo-3-Chloropropane	0.0019	U	0.0019	0.00089	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2-Dichlorobenzene	0.0019	U	0.0019	0.00069	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2-Dichloroethane	0.0019	U	0.0019	0.00057	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,2-Dichloropropane	0.0019	U	0.0019	0.00081	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,3-Dichlorobenzene	0.0019	U	0.0019	0.00070	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
1,4-Dichlorobenzene	0.0019	U	0.0019	0.0010	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
2-Butanone (MEK)	0.0096	U	0.0096	0.00071	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
2-Hexanone	0.0096	U	0.0096	0.0033	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
4-Methyl-2-pentanone (MIBK)	0.0096	U	0.0096	0.0030	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Acetone	**0.026**		0.012	0.011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1

Client Sample ID: SRI-A4-4_6-8_20250521
Lab Sample ID: 460-326694-2
Date Collected: 05/21/25 08:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.19	U	0.19	0.054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Acrylonitrile	0.019	U	0.019	0.0094	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Benzene	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Bromoform	0.0019	U	0.0019	0.00082	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Bromomethane	0.0039	U	0.0039	0.0019	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Carbon disulfide	**0.00058**	**J**	0.0019	0.00051	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Carbon tetrachloride	0.0019	U	0.0019	0.00075	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chlorobenzene	0.0019	U	0.0019	0.00098	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chlorobromomethane	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chlorodibromomethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chloroform	0.0019	U	0.0019	0.0019	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Chloromethane	0.0019	U	0.0019	0.00084	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
cis-1,2-Dichloroethene	0.0019	U	0.0019	0.00069	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
cis-1,3-Dichloropropene	0.0019	U	0.0019	0.00053	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Cyclohexane	0.0019	U	0.0019	0.00043	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Dichlorobromomethane	0.0019	U	0.0019	0.00049	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Dichlorodifluoromethane	0.0019	U	0.0019	0.00065	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Ethylbenzene	0.0019	U	0.0019	0.00090	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Ethylene Dibromide	0.0019	U	0.0019	0.00097	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Isopropylbenzene	0.0019	U	0.0019	0.00055	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Methyl acetate	0.0096	U *	0.0096	0.0083	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Methyl tert-butyl ether	0.0019	U	0.0019	0.00099	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Methylcyclohexane	0.0019	U	0.0019	0.00096	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Methylene Chloride	0.0039	U	0.0039	0.0022	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
m-Xylene & p-Xylene	**0.00096**	**J**	0.0019	0.00081	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
o-Xylene	0.0019	U	0.0019	0.00089	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Styrene	0.0019	U	0.0019	0.00054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
TBA	**0.055**		0.019	0.015	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Tetrachloroethene	0.0019	U	0.0019	0.00059	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Toluene	**0.00051**	**J**	0.0019	0.00045	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
trans-1,2-Dichloroethene	0.0019	U *	0.0019	0.00047	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
trans-1,3-Dichloropropene	0.0019	U	0.0019	0.00051	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Trichloroethene	0.0019	U	0.0019	0.00062	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Trichlorofluoromethane	0.0019	U	0.0019	0.00078	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1
Vinyl chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/23/25 07:21	05/31/25 14:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:21*	*05/31/25 14:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/23/25 07:21*	*05/31/25 14:34*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/23/25 07:21*	*05/31/25 14:34*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*05/23/25 07:21*	*05/31/25 14:34*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/23/25 07:21*	*05/31/25 14:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**94.1**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A4-3_3-5_20250521
Lab Sample ID: 460-326694-3
Date Collected: 05/21/25 08:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00038	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1-Dichloroethane	0.0013	U *	0.0013	0.00076	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00094	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Acetone	**0.0076**		0.0076	0.0073	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Acrolein	0.13	U	0.13	0.036	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Acrylonitrile	0.013	U	0.013	0.0062	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Methyl acetate	0.0063	U *	0.0063	0.0055	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
TBA	**0.019**		0.013	0.0099	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Toluene	**0.00036**	**J**	0.0013	0.00030	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1

Client Sample ID: SRI-A4-3_3-5_20250521
Lab Sample ID: 460-326694-3

Date Collected: 05/21/25 08:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0013	U *	0.0013	0.00031	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:21	05/31/25 14:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:21*	*05/31/25 14:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/23/25 07:21*	*05/31/25 14:58*	*1*
4-Bromofluorobenzene	*120*		*71 - 128*	*05/23/25 07:21*	*05/31/25 14:58*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/23/25 07:21*	*05/31/25 14:58*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/23/25 07:21*	*05/31/25 14:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.0**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A4-3_8-10_20250521
Lab Sample ID: 460-326694-4

Date Collected: 05/21/25 08:40
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00039	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0013	0.00060	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Acetone	**0.022**		0.0078	0.0074	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Acrolein	0.13	U	0.13	0.036	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Acrylonitrile	0.013	U	0.013	0.0063	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1

Client Sample ID: SRI-A4-3_8-10_20250521
Lab Sample ID: 460-326694-4

Date Collected: 05/21/25 08:40
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chlorobromomethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Methyl acetate	0.0065	U *	0.0065	0.0056	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
TBA	**0.039**		0.013	0.010	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/23/25 07:22	06/02/25 13:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:22*	*06/02/25 13:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/23/25 07:22*	*06/02/25 13:40*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*	*05/23/25 07:22*	*06/02/25 13:40*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/23/25 07:22*	*06/02/25 13:40*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/23/25 07:22*	*06/02/25 13:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5

Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5
Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00093	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2,4-Trichlorobenzene	0.0013	U *	0.0013	0.00045	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
2-Butanone (MEK)	0.0063	U	0.0063	0.00047	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
2-Hexanone	0.0063	U	0.0063	0.0022	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
4-Methyl-2-pentanone (MIBK)	0.0063	U	0.0063	0.0020	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Acetone	**0.042**		0.0076	0.0072	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Acrolein	0.13	U	0.13	0.035	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Acrylonitrile	0.013	U	0.013	0.0062	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Benzene	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chlorobenzene	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chlorobromomethane	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chlorodibromomethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Ethylbenzene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Ethylene Dibromide	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Methyl acetate	0.0063	U	0.0063	0.0054	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Methylcyclohexane	0.0013	U	0.0013	0.00063	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
o-Xylene	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
TBA	**0.018**		0.013	0.0099	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5

Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0013	U *	0.0013	0.00034	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1
Vinyl chloride	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:52	05/27/25 02:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene	*0.013*	*J N*	*mg/Kg*	☼	*11.29*	*91-20-3*	*05/23/25 07:52*	*05/27/25 02:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/23/25 07:52*	*05/27/25 02:39*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/23/25 07:52*	*05/27/25 02:39*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 07:52*	*05/27/25 02:39*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*05/23/25 07:52*	*05/27/25 02:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.0**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.0**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-X-5_3-5_20250521
Lab Sample ID: 460-326694-6

Date Collected: 05/21/25 08:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00080	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00098	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Acetone	0.0080	U	0.0080	0.0076	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Acrolein	0.13	U	0.13	0.037	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Acrylonitrile	0.013	U	0.013	0.0065	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Benzene	0.0013	U	0.0013	0.00075	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1

Client Sample ID: SRI-X-5_3-5_20250521

Date Collected: 05/21/25 08:35
Date Received: 05/22/25 16:00

Lab Sample ID: 460-326694-6
Matrix: Solid
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chlorodibromomethane	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chloroethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Ethylbenzene	0.0013	U	0.0013	0.00062	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Ethylene Dibromide	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Methyl acetate	0.0067	U	0.0067	0.0057	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Methylcyclohexane	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
o-Xylene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
TBA	**0.013**		0.013	0.010	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	☼	05/23/25 07:25	05/29/25 23:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 07:25*	*05/29/25 23:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/23/25 07:25*	*05/29/25 23:42*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/23/25 07:25*	*05/29/25 23:42*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*05/23/25 07:25*	*05/29/25 23:42*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/23/25 07:25*	*05/29/25 23:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-FB-5_20250521

Date Collected: 05/21/25 09:00
Date Received: 05/22/25 16:00

Lab Sample ID: 460-326694-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 20:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 20:01	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-FB-5_20250521
Lab Sample ID: 460-326694-7
Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:01	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 20:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 20:01	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 20:01	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 20:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 20:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 20:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 20:01	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 20:01	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 20:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 20:01	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 20:01	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 20:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 20:01	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 20:01	1
Acrolein	4.0	U *	4.0	2.4	ug/L			05/27/25 20:01	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 20:01	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 20:01	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 20:01	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 20:01	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 20:01	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 20:01	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 20:01	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 20:01	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 20:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:01	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 20:01	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 20:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 20:01	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 20:01	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 20:01	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 20:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 20:01	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 20:01	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:01	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 20:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 20:01	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 20:01	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 20:01	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 20:01	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 20:01	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 20:01	1
TBA	10	U	10	8.3	ug/L			05/27/25 20:01	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 20:01	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 20:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 20:01	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 20:01	1

Client Sample ID: SRI-FB-5_20250521
Lab Sample ID: 460-326694-7

Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 20:01	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:01	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 20:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 20:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*05/27/25 20:01*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*05/27/25 20:01*	*1*
Dibromofluoromethane (Surr)	*125*		*77 - 132*		*05/27/25 20:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/27/25 20:01*	*1*

Client Sample ID: SRI-FB-6_20250521
Lab Sample ID: 460-326694-8

Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 20:21	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 20:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:21	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 20:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 20:21	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 20:21	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 20:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 20:21	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 20:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 20:21	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 20:21	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 20:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 20:21	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 20:21	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 20:21	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 20:21	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 20:21	1
Acrolein	4.0	U *	4.0	2.4	ug/L			05/27/25 20:21	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 20:21	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 20:21	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 20:21	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 20:21	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 20:21	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 20:21	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 20:21	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 20:21	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 20:21	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:21	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 20:21	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 20:21	1

Client Sample ID: SRI-FB-6_20250521
Lab Sample ID: 460-326694-8

Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 20:21	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 20:21	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 20:21	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 20:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:21	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 20:21	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 20:21	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:21	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 20:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 20:21	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 20:21	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 20:21	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 20:21	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 20:21	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 20:21	1
TBA	10	U	10	8.3	ug/L			05/27/25 20:21	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 20:21	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 20:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 20:21	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 20:21	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 20:21	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:21	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 20:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 20:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*05/27/25 20:21*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*05/27/25 20:21*	*1*
Dibromofluoromethane (Surr)	*126*		*77 - 132*		*05/27/25 20:21*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/27/25 20:21*	*1*

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9

Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00033	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9
Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Acetone	**0.013**		0.0066	0.0063	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Acrylonitrile	0.011	U	0.011	0.0053	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chlorobromomethane	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Ethylbenzene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Ethylene Dibromide	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
TBA	**0.047**		0.011	0.0086	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/23/25 09:47	05/27/25 00:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 09:47*	*05/27/25 00:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/23/25 09:47*	*05/27/25 00:32*	*1*
4-Bromofluorobenzene	*122*		*71 - 128*	*05/23/25 09:47*	*05/27/25 00:32*	*1*

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9

Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/23/25 09:47*	*05/27/25 00:32*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*05/23/25 09:47*	*05/27/25 00:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**90.4**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-4_6-8_20250521
Lab Sample ID: 460-326694-10

Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00035	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Acetone	0.0070	U	0.0070	0.0066	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Acrylonitrile	0.012	U	0.012	0.0057	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1

Client Sample ID: SRI-B3-4_6-8_20250521
Lab Sample ID: 460-326694-10

Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
TBA	**0.016**		0.012	0.0091	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/23/25 09:47	05/27/25 00:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 09:47*	*05/27/25 00:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*65 - 138*	*05/23/25 09:47*	*05/27/25 00:56*	*1*
4-Bromofluorobenzene	*140*	*	*71 - 128*	*05/23/25 09:47*	*05/27/25 00:56*	*1*
Dibromofluoromethane (Surr)	*127*		*50 - 150*	*05/23/25 09:47*	*05/27/25 00:56*	*1*
Toluene-d8 (Surr)	*118*		*71 - 126*	*05/23/25 09:47*	*05/27/25 00:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**90.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-4_13-15_20250521
Lab Sample ID: 460-326694-11

Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.084	U	0.084	0.024	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1,2,2-Tetrachloroethane	0.084	U	0.084	0.017	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.084	U	0.084	0.029	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1,2-Trichloroethane	0.084	U	0.084	0.017	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1-Dichloroethane	0.084	U	0.084	0.020	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,1-Dichloroethene	0.084	U	0.084	0.022	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2,3-Trichlorobenzene	0.084	U *	0.084	0.030	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2,4-Trichlorobenzene	0.084	U	0.084	0.023	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2-Dibromo-3-Chloropropane	0.084	U	0.084	0.018	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2-Dichlorobenzene	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2-Dichloroethane	0.084	U	0.084	0.021	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,2-Dichloropropane	0.084	U	0.084	0.015	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50

Client Sample ID: SRI-B3-4_13-15_20250521
Lab Sample ID: 460-326694-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.084	U	0.084	0.028	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
1,4-Dichlorobenzene	0.084	U	0.084	0.028	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
2-Butanone (MEK)	0.42	U	0.42	0.19	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
2-Hexanone	0.42	U	0.42	0.096	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
4-Methyl-2-pentanone (MIBK)	0.42	U	0.42	0.11	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Acetone	0.42	U	0.42	0.37	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Acrolein	0.42	U	0.42	0.20	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Acrylonitrile	0.84	U	0.84	0.15	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Benzene	0.084	U	0.084	0.017	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Bromoform	0.084	U	0.084	0.015	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Bromomethane	0.084	U	0.084	0.047	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Carbon disulfide	0.084	U	0.084	0.057	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Carbon tetrachloride	0.084	U	0.084	0.028	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chlorobenzene	0.084	U	0.084	0.020	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chlorobromomethane	0.084	U	0.084	0.025	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chlorodibromomethane	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chloroethane	0.084	U	0.084	0.031	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chloroform	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Chloromethane	0.084	U	0.084	0.034	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
cis-1,2-Dichloroethene	0.084	U	0.084	0.022	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
cis-1,3-Dichloropropene	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Cyclohexane	0.084	U	0.084	0.022	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Dichlorobromomethane	0.084	U	0.084	0.013	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Dichlorodifluoromethane	0.084	U	0.084	0.026	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Ethylbenzene	**0.31**		0.084	0.025	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Ethylene Dibromide	0.084	U	0.084	0.016	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Isopropylbenzene	**0.55**		0.084	0.027	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Methyl acetate	0.42	U	0.42	0.066	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Methyl tert-butyl ether	0.084	U	0.084	0.018	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Methylcyclohexane	0.084	U	0.084	0.061	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Methylene Chloride	0.084	U	0.084	0.018	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
m-Xylene & p-Xylene	**1.3**		0.084	0.024	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
o-Xylene	**0.35**		0.084	0.027	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Styrene	0.084	U	0.084	0.014	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
TBA	0.84	U	0.84	0.70	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Tetrachloroethene	0.084	U	0.084	0.030	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Toluene	0.084	U	0.084	0.021	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
trans-1,2-Dichloroethene	0.084	U	0.084	0.015	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
trans-1,3-Dichloropropene	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Trichloroethene	0.084	U	0.084	0.019	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Trichlorofluoromethane	0.084	U	0.084	0.027	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50
Vinyl chloride	0.084	U	0.084	0.017	mg/Kg	☼	05/23/25 09:34	05/27/25 18:21	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1,2,4-trimethyl-	*28*	*J N*	*mg/Kg*	☼	*9.90*	*95-63-6*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 1,2,3-trimethyl-	*7.6*	*J N*	*mg/Kg*	☼	*10.28*	*526-73-8*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 1,3-diethyl-	*11*	*J N*	*mg/Kg*	☼	*10.43*	*141-93-5*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 2-ethyl-1,4-dimethyl-	*14*	*J N*	*mg/Kg*	☼	*10.51*	*1758-88-9*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 1-ethyl-2,3-dimethyl-	*7.9*	*J N*	*mg/Kg*	☼	*10.73*	*933-98-2*	*05/23/25 09:34*	*05/27/25 18:21*	*50*
Benzene, 1-ethyl-2,4-dimethyl-	*7.9*	*J N*	*mg/Kg*	☼	*10.76*	*874-41-9*	*05/23/25 09:34*	*05/27/25 18:21*	*50*

Client Sample ID: SRI-B3-4_13-15_20250521
Lab Sample ID: 460-326694-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.4

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzene, 4-ethyl-1,2-dimethyl-	14	J N	mg/Kg	☼	10.82	934-80-5	05/23/25 09:34	05/27/25 18:21	50
Benzene, 1,2,4,5-tetramethyl-	8.3	J N	mg/Kg	☼	11.13	95-93-2	05/23/25 09:34	05/27/25 18:21	50
Benzene, 1,2,3,4-tetramethyl-	11	J N	mg/Kg	☼	11.17	488-23-3	05/23/25 09:34	05/27/25 18:21	50
1-Phenyl-1-butene	14	J N	mg/Kg	☼	11.49	824-90-8	05/23/25 09:34	05/27/25 18:21	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		60 - 150	05/23/25 09:34	05/27/25 18:21	50
4-Bromofluorobenzene	117		70 - 150	05/23/25 09:34	05/27/25 18:21	50
Dibromofluoromethane (Surr)	114		68 - 150	05/23/25 09:34	05/27/25 18:21	50
Toluene-d8 (Surr)	106		64 - 157	05/23/25 09:34	05/27/25 18:21	50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-4_16-18_20250521
Lab Sample ID: 460-326694-12
Date Collected: 05/21/25 10:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00096	U	0.00096	0.00022	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1,2,2-Tetrachloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00096	U *	0.00096	0.00029	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1,2-Trichloroethane	0.00096	U	0.00096	0.00058	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1-Dichloroethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,1-Dichloroethene	0.00096	U	0.00096	0.00022	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2,3-Trichlorobenzene	0.00096	U	0.00096	0.00071	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00034	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2-Dibromo-3-Chloropropane	0.00096	U	0.00096	0.00044	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2-Dichloroethane	0.00096	U	0.00096	0.00028	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,2-Dichloropropane	0.00096	U	0.00096	0.00041	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00035	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
2-Butanone (MEK)	**0.0051**		0.0048	0.00035	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Acetone	**0.022**		0.0058	0.0055	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Acrolein	0.096	U	0.096	0.027	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Acrylonitrile	0.0096	U	0.0096	0.0047	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Benzene	0.00096	U	0.00096	0.00055	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Bromoform	0.00096	U	0.00096	0.00041	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Bromomethane	0.0019	U	0.0019	0.00096	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Carbon disulfide	**0.0011**		0.00096	0.00026	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Carbon tetrachloride	0.00096	U	0.00096	0.00037	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chlorobenzene	0.00096	U	0.00096	0.00049	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chlorobromomethane	0.00096	U	0.00096	0.00057	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chlorodibromomethane	0.00096	U	0.00096	0.00052	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1

Client Sample ID: SRI-B3-4_16-18_20250521
Lab Sample ID: 460-326694-12

Date Collected: 05/21/25 10:20
Matrix: Solid

Date Received: 05/22/25 16:00
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00096	U	0.00096	0.00050	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chloroform	0.00096	U	0.00096	0.00093	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Chloromethane	0.00096	U	0.00096	0.00042	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
cis-1,2-Dichloroethene	0.00096	U	0.00096	0.00034	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
cis-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Cyclohexane	0.00096	U	0.00096	0.00021	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Dichlorobromomethane	0.00096	U	0.00096	0.00025	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Dichlorodifluoromethane	0.00096	U	0.00096	0.00033	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Ethylbenzene	**0.032**		0.00096	0.00045	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Ethylene Dibromide	0.00096	U	0.00096	0.00048	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Isopropylbenzene	**0.054**		0.00096	0.00027	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Methyl tert-butyl ether	0.00096	U	0.00096	0.00049	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Methylcyclohexane	**0.038**		0.00096	0.00048	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
m-Xylene & p-Xylene	**0.15**		0.00096	0.00041	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
o-Xylene	**0.048**		0.00096	0.00044	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Styrene	0.00096	U	0.00096	0.00027	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
TBA	**0.024**		0.0096	0.0075	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Tetrachloroethene	0.00096	U	0.00096	0.00029	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Toluene	**0.00034**	**J**	0.00096	0.00023	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
trans-1,2-Dichloroethene	0.00096	U	0.00096	0.00024	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
trans-1,3-Dichloropropene	0.00096	U	0.00096	0.00026	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Trichloroethene	0.00096	U	0.00096	0.00031	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Trichlorofluoromethane	0.00096	U	0.00096	0.00039	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1
Vinyl chloride	0.00096	U	0.00096	0.00053	mg/Kg	☼	05/23/25 09:49	05/27/25 01:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2,3,4-trimethyl-	*0.66*	*J N*	*mg/Kg*	☼	*6.17*	*565-75-3*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*0.94*	*J*	*mg/Kg*	☼	*6.33*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Heptane, 3-methyl-	*1.0*	*J N*	*mg/Kg*	☼	*6.59*	*589-81-1*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*0.67*	*J*	*mg/Kg*	☼	*6.79*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Heptane, 2,4-dimethyl-	*0.50*	*J N*	*mg/Kg*	☼	*8.47*	*2213-23-2*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*0.59*	*J*	*mg/Kg*	☼	*9.90*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Benzene, 1-ethyl-4-methyl-	*0.57*	*J N*	*mg/Kg*	☼	*10.30*	*622-96-8*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*1.1*	*J*	*mg/Kg*	☼	*10.68*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Unknown	*0.60*	*J*	*mg/Kg*	☼	*11.19*	*N/A*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Benzene, 1,2-diethyl-	*0.81*	*J N*	*mg/Kg*	☼	*11.23*	*135-01-3*	*05/23/25 09:49*	*05/27/25 01:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
4-Bromofluorobenzene	*138*	*	*71 - 128*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/23/25 09:49*	*05/27/25 01:43*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*05/23/25 09:49*	*05/27/25 01:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			05/23/25 06:02	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2B_8-10_20250521
Lab Sample ID: 460-326694-13
Date Collected: 05/21/25 10:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00031	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Acetone	**0.016**		0.0061	0.0058	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chloroethane	0.0010	U *	0.0010	0.00053	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
TBA	**0.067**		0.010	0.0080	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1

Client Sample ID: SRI-B3-2B_8-10_20250521
Lab Sample ID: 460-326694-13
Date Collected: 05/21/25 10:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/23/25 09:50	05/27/25 19:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 09:50*	*05/27/25 19:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 09:50*	*05/27/25 19:02*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/23/25 09:50*	*05/27/25 19:02*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/23/25 09:50*	*05/27/25 19:02*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/23/25 09:50*	*05/27/25 19:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.5**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**94.5**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-2B_12-14_20250521
Lab Sample ID: 460-326694-14
Date Collected: 05/21/25 10:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00032	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00079	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Acetone	**0.027**		0.0064	0.0061	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Acrolein	0.11	U	0.11	0.030	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Acrylonitrile	0.011	U	0.011	0.0052	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Benzene	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1

Client Sample ID: SRI-B3-2B_12-14_20250521
Lab Sample ID: 460-326694-14
Date Collected: 05/21/25 10:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chlorobromomethane	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chlorodibromomethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chloroethane	0.0011	U *	0.0011	0.00056	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Ethylbenzene	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Ethylene Dibromide	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
o-Xylene	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
TBA	**0.092**		0.011	0.0084	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 09:51	05/27/25 18:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 09:51*	*05/27/25 18:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/23/25 09:51*	*05/27/25 18:38*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*05/23/25 09:51*	*05/27/25 18:38*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 09:51*	*05/27/25 18:38*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/23/25 09:51*	*05/27/25 18:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0013	0.00039	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00077	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00095	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0013	0.00059	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Acetone	**0.011**		0.0077	0.0073	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Acrolein	0.13	U	0.13	0.036	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Acrylonitrile	0.013	U	0.013	0.0062	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Benzene	0.0013	U	0.0013	0.00073	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chlorobenzene	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chlorobromomethane	0.0013	U	0.0013	0.00076	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chlorodibromomethane	0.0013	U	0.0013	0.00069	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chloroethane	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Chloromethane	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Ethylbenzene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Ethylene Dibromide	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Methyl acetate	0.0064	U *	0.0064	0.0055	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00054	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
o-Xylene	0.0013	U	0.0013	0.00059	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
TBA	**0.022**		0.013	0.010	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/23/25 10:10	06/02/25 13:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 10:10*	*06/02/25 13:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/23/25 10:10*	*06/02/25 13:16*	*1*
4-Bromofluorobenzene	*111*		*71 - 128*	*05/23/25 10:10*	*06/02/25 13:16*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/23/25 10:10*	*06/02/25 13:16*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/23/25 10:10*	*06/02/25 13:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.9**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.1**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-3_8-10_20250521
Lab Sample ID: 460-326694-16
Date Collected: 05/21/25 11:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U *	0.0014	0.00042	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00085	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1-Dichloroethane	0.0014	U *	0.0014	0.00084	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00052	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Acetone	**0.030**		0.0085	0.0081	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Acrolein	0.14	U	0.14	0.040	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Acrylonitrile	0.014	U	0.014	0.0069	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Benzene	0.0014	U	0.0014	0.00080	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1

Client Sample ID: SRI-B3-3_8-10_20250521
Lab Sample ID: 460-326694-16

Date Collected: 05/21/25 11:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0014	U	0.0014	0.00084	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chlorodibromomethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chloroethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Ethylbenzene	0.0014	U	0.0014	0.00066	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Ethylene Dibromide	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Methyl acetate	0.0071	U *	0.0071	0.0061	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
o-Xylene	0.0014	U	0.0014	0.00065	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
TBA	**0.088**		0.014	0.011	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
trans-1,2-Dichloroethene	0.0014	U *	0.0014	0.00035	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	05/23/25 10:12	05/31/25 15:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 10:12*	*05/31/25 15:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/23/25 10:12*	*05/31/25 15:21*	*1*
4-Bromofluorobenzene	*114*		*71 - 128*	*05/23/25 10:12*	*05/31/25 15:21*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 10:12*	*05/31/25 15:21*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/23/25 10:12*	*05/31/25 15:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**96.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17

Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17
Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,1-Dichloroethane	0.0010	U *	0.0010	0.00060	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Acetone	**0.019**		0.0060	0.0057	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Acrylonitrile	0.010	U	0.010	0.0048	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chlorobromomethane	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Methyl acetate	0.0050	U *	0.0050	0.0043	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
TBA	**0.045**		0.010	0.0078	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17

Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00040	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1
Vinyl chloride	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/23/25 10:14	05/31/25 15:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 10:14*	*05/31/25 15:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/23/25 10:14*	*05/31/25 15:45*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*	*05/23/25 10:14*	*05/31/25 15:45*	*1*
Dibromofluoromethane (Surr)	*115*		*50 - 150*	*05/23/25 10:14*	*05/31/25 15:45*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*05/23/25 10:14*	*05/31/25 15:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-3_18-20_20250521
Lab Sample ID: 460-326694-18

Date Collected: 05/21/25 11:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U *	0.0010	0.00030	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1-Dichloroethane	0.0010	U *	0.0010	0.00060	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Acetone	**0.020**		0.0060	0.0057	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Acrolein	0.10	U	0.10	0.028	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1

Client Sample ID: SRI-B3-3_18-20_20250521
Lab Sample ID: 460-326694-18
Date Collected: 05/21/25 11:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Methyl acetate	0.0050	U *	0.0050	0.0043	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
TBA	**0.053**		0.010	0.0078	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
trans-1,2-Dichloroethene	0.0010	U *	0.0010	0.00025	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg	☼	05/23/25 10:13	05/31/25 16:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 10:13*	*05/31/25 16:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/23/25 10:13*	*05/31/25 16:56*	*1*
4-Bromofluorobenzene	*119*		*71 - 128*	*05/23/25 10:13*	*05/31/25 16:56*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*05/23/25 10:13*	*05/31/25 16:56*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/23/25 10:13*	*05/31/25 16:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.1**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**97.9**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U *	0.0014	0.00042	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00083	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,1-Dichloroethane	0.0014	U *	0.0014	0.00082	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0010	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00051	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
2-Hexanone	0.0069	U	0.0069	0.0024	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Acetone	**0.024**		0.0083	0.0079	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Acrolein	0.14	U	0.14	0.039	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Acrylonitrile	0.014	U	0.014	0.0067	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Benzene	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Bromoform	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chlorobenzene	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chlorobromomethane	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chlorodibromomethane	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Ethylbenzene	0.0014	U	0.0014	0.00065	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Ethylene Dibromide	0.0014	U	0.0014	0.00070	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Methyl acetate	0.0069	U *	0.0069	0.0059	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00071	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Methylcyclohexane	0.0014	U	0.0014	0.00069	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00058	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
o-Xylene	0.0014	U	0.0014	0.00064	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
TBA	**0.061**		0.014	0.011	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
trans-1,2-Dichloroethene	0.0014	U *	0.0014	0.00034	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/23/25 11:46	05/31/25 17:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0088*	*J*	*mg/Kg*	☼	*11.13*	*N/A*	*05/23/25 11:46*	*05/31/25 17:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*	*05/23/25 11:46*	*05/31/25 17:20*	*1*
4-Bromofluorobenzene	*124*		*71 - 128*	*05/23/25 11:46*	*05/31/25 17:20*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*05/23/25 11:46*	*05/31/25 17:20*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*05/23/25 11:46*	*05/31/25 17:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.1**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**92.9**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-1_3-5_20250521
Lab Sample ID: 460-326694-20
Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0024	U	0.0024	0.00055	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1,2,2-Tetrachloroethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0024	U *	0.0024	0.00071	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1,2-Trichloroethane	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1-Dichloroethane	0.0024	U *	0.0024	0.0014	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,1-Dichloroethene	0.0024	U	0.0024	0.00053	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2,3-Trichlorobenzene	0.0024	U	0.0024	0.0017	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2,4-Trichlorobenzene	0.0024	U	0.0024	0.00085	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2-Dibromo-3-Chloropropane	0.0024	U	0.0024	0.0011	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2-Dichlorobenzene	0.0024	U	0.0024	0.00085	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2-Dichloroethane	0.0024	U	0.0024	0.00070	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,2-Dichloropropane	0.0024	U	0.0024	0.0010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,3-Dichlorobenzene	0.0024	U	0.0024	0.00086	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
1,4-Dichlorobenzene	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
2-Butanone (MEK)	0.012	U	0.012	0.00087	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
2-Hexanone	0.012	U	0.012	0.0040	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
4-Methyl-2-pentanone (MIBK)	0.012	U	0.012	0.0037	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Acetone	**0.065**		0.014	0.014	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Acrolein	0.24	U	0.24	0.066	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Acrylonitrile	0.024	U	0.024	0.012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Benzene	0.0024	U	0.0024	0.0013	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Bromoform	0.0024	U	0.0024	0.0010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Bromomethane	0.0047	U	0.0047	0.0024	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Carbon disulfide	0.0024	U	0.0024	0.00063	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Carbon tetrachloride	0.0024	U	0.0024	0.00092	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chlorobenzene	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chlorobromomethane	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chlorodibromomethane	0.0024	U	0.0024	0.0013	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1

Client Sample ID: SRI-B3-1_3-5_20250521
Lab Sample ID: 460-326694-20

Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chloroform	0.0024	U	0.0024	0.0023	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Chloromethane	0.0024	U	0.0024	0.0010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
cis-1,2-Dichloroethene	0.0024	U	0.0024	0.00085	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
cis-1,3-Dichloropropene	0.0024	U	0.0024	0.00065	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Cyclohexane	0.0024	U	0.0024	0.00052	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Dichlorobromomethane	0.0024	U	0.0024	0.00061	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Dichlorodifluoromethane	0.0024	U	0.0024	0.00080	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Ethylbenzene	0.0024	U	0.0024	0.0011	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Ethylene Dibromide	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Isopropylbenzene	0.0024	U	0.0024	0.00067	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Methyl acetate	0.012	U *	0.012	0.010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Methyl tert-butyl ether	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Methylcyclohexane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Methylene Chloride	0.0047	U	0.0047	0.0027	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
m-Xylene & p-Xylene	0.0024	U	0.0024	0.0010	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
o-Xylene	0.0024	U	0.0024	0.0011	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Styrene	0.0024	U	0.0024	0.00066	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
TBA	**0.18**		0.024	0.019	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Tetrachloroethene	0.0024	U	0.0024	0.00072	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Toluene	0.0024	U	0.0024	0.00055	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
trans-1,2-Dichloroethene	0.0024	U *	0.0024	0.00058	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
trans-1,3-Dichloropropene	0.0024	U	0.0024	0.00063	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Trichloroethene	0.0024	U	0.0024	0.00076	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Trichlorofluoromethane	0.0024	U	0.0024	0.00096	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1
Vinyl chloride	0.0024	U	0.0024	0.0013	mg/Kg	☼	05/23/25 11:48	05/31/25 17:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Hexanol, 2-ethyl-	*0.019*	*J N*	*mg/Kg*	☼	*11.13*	*104-76-7*	*05/23/25 11:48*	*05/31/25 17:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*65 - 138*	*05/23/25 11:48*	*05/31/25 17:43*	*1*
4-Bromofluorobenzene	*131*	*	*71 - 128*	*05/23/25 11:48*	*05/31/25 17:43*	*1*
Dibromofluoromethane (Surr)	*131*		*50 - 150*	*05/23/25 11:48*	*05/31/25 17:43*	*1*
Toluene-d8 (Surr)	*119*		*71 - 126*	*05/23/25 11:48*	*05/31/25 17:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.8**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**89.2**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21

Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U *	0.0015	0.00044	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21
Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2-Dibromo-3-Chloropropane	0.0015	U *	0.0015	0.00068	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00054	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Acetone	**0.043**		0.0088	0.0084	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Acrolein	0.15	U	0.15	0.041	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Acrylonitrile	0.015	U	0.015	0.0072	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Benzene	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Bromomethane	0.0029	U	0.0029	0.0015	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Carbon tetrachloride	0.0015	U	0.0015	0.00057	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chlorobromomethane	0.0015	U	0.0015	0.00088	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chlorodibromomethane	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chloroethane	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Chloromethane	0.0015	U	0.0015	0.00064	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Ethylbenzene	0.0015	U	0.0015	0.00069	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Ethylene Dibromide	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Methyl acetate	0.0074	U *	0.0074	0.0063	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Methylcyclohexane	0.0015	U	0.0015	0.00073	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Methylene Chloride	0.0029	U	0.0029	0.0017	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
o-Xylene	0.0015	U	0.0015	0.00068	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
TBA	**0.12**		0.015	0.012	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Toluene	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21

Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/23/25 11:49	06/02/25 12:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 11:49*	*06/02/25 12:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/23/25 11:49*	*06/02/25 12:52*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*05/23/25 11:49*	*06/02/25 12:52*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 11:49*	*06/02/25 12:52*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/23/25 11:49*	*06/02/25 12:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-TB-5_20250521
Lab Sample ID: 460-326694-22

Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 20:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:40	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 20:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 20:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 20:40	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 20:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 20:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 20:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 20:40	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 20:40	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 20:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 20:40	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 20:40	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 20:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 20:40	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 20:40	1
Acrolein	4.0	U *	4.0	2.4	ug/L			05/27/25 20:40	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 20:40	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 20:40	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 20:40	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 20:40	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 20:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 20:40	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 20:40	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 20:40	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 20:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:40	1

Client Sample ID: SRI-TB-5_20250521
Lab Sample ID: 460-326694-22
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 20:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 20:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 20:40	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 20:40	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 20:40	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 20:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 20:40	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 20:40	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 20:40	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 20:40	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 20:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 20:40	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 20:40	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 20:40	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 20:40	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 20:40	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 20:40	1
TBA	10	U	10	8.3	ug/L			05/27/25 20:40	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 20:40	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 20:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 20:40	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 20:40	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 20:40	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 20:40	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 20:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 20:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/27/25 20:40*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*05/27/25 20:40*	*1*
Dibromofluoromethane (Surr)	*121*		*77 - 132*		*05/27/25 20:40*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/27/25 20:40*	*1*

Client Sample ID: SRI-TB-6_20250521
Lab Sample ID: 460-326694-23
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/27/25 21:00	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 21:00	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 21:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 21:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 21:00	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 21:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 21:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 21:00	1

Client Sample ID: SRI-TB-6_20250521
Lab Sample ID: 460-326694-23
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 21:00	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 21:00	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 21:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 21:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 21:00	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 21:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 21:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 21:00	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 21:00	1
Acrolein	4.0	U *	4.0	2.4	ug/L			05/27/25 21:00	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 21:00	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 21:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 21:00	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 21:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 21:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 21:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 21:00	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 21:00	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 21:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 21:00	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 21:00	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 21:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 21:00	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 21:00	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 21:00	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 21:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 21:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 21:00	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 21:00	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 21:00	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 21:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 21:00	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 21:00	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 21:00	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 21:00	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 21:00	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 21:00	1
TBA	10	U	10	8.3	ug/L			05/27/25 21:00	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 21:00	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 21:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 21:00	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 21:00	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 21:00	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 21:00	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 21:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 21:00*	*1*

Client Sample ID: SRI-TB-6_20250521
Lab Sample ID: 460-326694-23

Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*		*05/27/25 21:00*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/27/25 21:00*	*1*
Dibromofluoromethane (Surr)	*124*		*77 - 132*		*05/27/25 21:00*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/27/25 21:00*	*1*

Client Sample ID: SRI-B4-1A_3-5_20250521
Lab Sample ID: 460-326694-24

Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00036	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00087	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Acetone	**0.0086**		0.0071	0.0068	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Acrylonitrile	0.012	U	0.012	0.0058	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Benzene	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chloroethane	0.0012	U *	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Ethylbenzene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1

Client Sample ID: SRI-B4-1A_3-5_20250521

Lab Sample ID: 460-326694-24

Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.7

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	☼	05/23/25 12:42	05/27/25 19:25	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
TBA	**0.024**		0.012	0.0093	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/23/25 12:42	05/27/25 19:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 12:42*	*05/27/25 19:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 12:42*	*05/27/25 19:25*	*1*
4-Bromofluorobenzene	*120*		*71 - 128*	*05/23/25 12:42*	*05/27/25 19:25*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*	*05/23/25 12:42*	*05/27/25 19:25*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/23/25 12:42*	*05/27/25 19:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B4-1A_8-10_20250521

Lab Sample ID: 460-326694-25

Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00036	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00088	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-1A_8-10_20250521
Lab Sample ID: 460-326694-25
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Acetone	**0.020**		0.0072	0.0068	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Acrylonitrile	0.012	U	0.012	0.0058	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chloroethane	0.0012	U *	0.0012	0.00062	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
TBA	**0.034**		0.012	0.0094	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/23/25 12:42	05/27/25 21:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 12:42*	*05/27/25 21:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/23/25 12:42*	*05/27/25 21:00*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/23/25 12:42*	*05/27/25 21:00*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*	*05/23/25 12:42*	*05/27/25 21:00*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/23/25 12:42*	*05/27/25 21:00*	*1*

Client Sample ID: SRI-B4-1A_8-10_20250521
Lab Sample ID: 460-326694-25

Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.7

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B4-1A_13-15_20250521
Lab Sample ID: 460-326694-26

Date Collected: 05/21/25 13:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U *	0.00098	0.00029	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00072	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00041	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Acetone	0.0059	U	0.0059	0.0056	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Acrolein	0.098	U	0.098	0.027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Acrylonitrile	0.0098	U	0.0098	0.0048	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chlorobromomethane	0.00098	U	0.00098	0.00058	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chloroethane	0.00098	U *	0.00098	0.00051	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Ethylene Dibromide	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1

Client Sample ID: SRI-B4-1A_13-15_20250521
Lab Sample ID: 460-326694-26

Date Collected: 05/21/25 13:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00041	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
TBA	**0.0081**	**J**	0.0098	0.0077	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Toluene	**0.00025**	**J**	0.00098	0.00023	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Trichloroethene	0.00098	U	0.00098	0.00031	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1
Vinyl chloride	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/23/25 12:43	05/27/25 20:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0083*	*J*	*mg/Kg*	☼	*9.90*	*N/A*	*05/23/25 12:43*	*05/27/25 20:36*	*1*
Unknown	*0.0075*	*J*	*mg/Kg*	☼	*10.78*	*N/A*	*05/23/25 12:43*	*05/27/25 20:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/23/25 12:43*	*05/27/25 20:36*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/23/25 12:43*	*05/27/25 20:36*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*05/23/25 12:43*	*05/27/25 20:36*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*05/23/25 12:43*	*05/27/25 20:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.1**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**88.9**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27

Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0012	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00086	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27
Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Acetone	**0.0093**		0.0070	0.0066	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Acrylonitrile	0.012	U	0.012	0.0056	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Benzene	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Bromoform	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chlorobenzene	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chlorobromomethane	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chlorodibromomethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chloroethane	0.0012	U *	0.0012	0.00061	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Ethylbenzene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Ethylene Dibromide	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00059	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
o-Xylene	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
TBA	**0.019**		0.012	0.0091	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Tetrachloroethene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1
Vinyl chloride	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/23/25 12:43	05/27/25 20:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 12:43*	*05/27/25 20:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 12:43*	*05/27/25 20:13*	*1*
4-Bromofluorobenzene	*124*		*71 - 128*	*05/23/25 12:43*	*05/27/25 20:13*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 12:43*	*05/27/25 20:13*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/23/25 12:43*	*05/27/25 20:13*	*1*

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27

Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.8		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	89.2		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B3-3B_3-5_20250521
Lab Sample ID: 460-326694-28

Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0011	0.00034	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Acetone	0.012		0.0069	0.0065	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chloroethane	0.0011	U *	0.0011	0.00060	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1

Client Sample ID: SRI-B3-3B_3-5_20250521
Lab Sample ID: 460-326694-28

Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
TBA	**0.025**		0.011	0.0090	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1
Vinyl chloride	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/23/25 12:44	05/27/25 19:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/23/25 12:44*	*05/27/25 19:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/23/25 12:44*	*05/27/25 19:49*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/23/25 12:44*	*05/27/25 19:49*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*05/23/25 12:44*	*05/27/25 19:49*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/23/25 12:44*	*05/27/25 19:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		1.0	1.0	%			05/23/25 06:02	1
Percent Solids (EPA Moisture)	**93.3**		1.0	1.0	%			05/23/25 06:02	1

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1

Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1
Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0078**		0.0067	0.0064	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Acrylonitrile	0.011	U *	0.011	0.0054	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Benzene	0.0011	U	0.0011	0.00063	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Cyclohexane	**0.00026**	**J**	0.0011	0.00025	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Methyl acetate	0.0056	U *	0.0056	0.0048	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Methylcyclohexane	**0.00091**	**J**	0.0011	0.00056	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Methylene Chloride	**0.0019**	**J**	0.0022	0.0013	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
TBA	0.011	U	0.011	0.0088	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/24/25 07:19	05/31/25 15:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:19*	*05/31/25 15:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/24/25 07:19*	*05/31/25 15:35*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*05/24/25 07:19*	*05/31/25 15:35*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/24/25 07:19*	*05/31/25 15:35*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 07:19*	*05/31/25 15:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.7**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1
Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 92.3

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-4_8-10_20250522
Lab Sample ID: 460-326756-2
Date Collected: 05/22/25 09:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00079	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00097	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Acetone	0.046		0.0079	0.0075	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Acrolein	0.13	U	0.13	0.037	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Acrylonitrile	0.013	U *	0.013	0.0064	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Bromoform	0.0013	U	0.0013	0.00056	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Carbon tetrachloride	0.0013	U	0.0013	0.00051	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Methyl acetate	0.0065	U *	0.0065	0.0056	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Methylcyclohexane	0.0011	J	0.0013	0.00065	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1

Client Sample ID: SRI-B4-4_8-10_20250522
Lab Sample ID: 460-326756-2

Date Collected: 05/22/25 09:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
TBA	**0.023**		0.013	0.010	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1
Vinyl chloride	0.0013	U	0.0013	0.00072	mg/Kg	☼	05/24/25 07:21	05/31/25 16:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:21*	*05/31/25 16:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/24/25 07:21*	*05/31/25 16:00*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*05/24/25 07:21*	*05/31/25 16:00*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*05/24/25 07:21*	*05/31/25 16:00*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/24/25 07:21*	*05/31/25 16:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**96.4**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3

Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.18	U	0.18	0.050	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1,2,2-Tetrachloroethane	0.18	U	0.18	0.035	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1,2-Trichloro-1,2,2-trifluoroethane	0.18	U	0.18	0.060	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1,2-Trichloroethane	0.18	U	0.18	0.036	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1-Dichloroethane	0.18	U	0.18	0.043	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,1-Dichloroethene	0.18	U	0.18	0.047	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2,3-Trichlorobenzene	0.18	U	0.18	0.062	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2,4-Trichlorobenzene	0.18	U	0.18	0.048	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2-Dibromo-3-Chloropropane	0.18	U	0.18	0.038	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2-Dichlorobenzene	**0.067**	**J**	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2-Dichloroethane	0.18	U	0.18	0.044	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,2-Dichloropropane	0.18	U	0.18	0.032	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,3-Dichlorobenzene	0.18	U	0.18	0.059	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
1,4-Dichlorobenzene	0.18	U	0.18	0.059	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
2-Butanone (MEK)	0.89	U	0.89	0.39	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
2-Hexanone	0.89	U	0.89	0.20	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
4-Methyl-2-pentanone (MIBK)	0.89	U	0.89	0.23	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Acetone	0.89	U	0.89	0.78	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.89	U	0.89	0.43	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Acrylonitrile	1.8	U	1.8	0.32	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Benzene	0.18	U	0.18	0.036	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Bromoform	0.18	U	0.18	0.032	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Bromomethane	0.18	U	0.18	0.098	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Carbon disulfide	0.18	U	0.18	0.12	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Carbon tetrachloride	0.18	U	0.18	0.059	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chlorobenzene	0.18	U	0.18	0.043	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chlorobromomethane	0.18	U	0.18	0.053	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chlorodibromomethane	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chloroethane	0.18	U	0.18	0.066	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chloroform	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Chloromethane	0.18	U	0.18	0.071	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
cis-1,2-Dichloroethene	0.18	U	0.18	0.046	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
cis-1,3-Dichloropropene	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Cyclohexane	**2.6**		0.18	0.046	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Dichlorobromomethane	0.18	U	0.18	0.027	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Dichlorodifluoromethane	0.18	U	0.18	0.055	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Ethylbenzene	**9.8**		0.18	0.053	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Ethylene Dibromide	0.18	U	0.18	0.034	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Isopropylbenzene	**3.6**		0.18	0.057	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Methyl acetate	0.89	U	0.89	0.14	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Methyl tert-butyl ether	0.18	U	0.18	0.038	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Methylcyclohexane	**30**		0.18	0.13	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Methylene Chloride	0.18	U	0.18	0.037	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
m-Xylene & p-Xylene	**25**		0.18	0.050	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
o-Xylene	**0.46**		0.18	0.057	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Styrene	0.18	U	0.18	0.030	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
TBA	1.8	U	1.8	1.5	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Tetrachloroethene	0.18	U	0.18	0.064	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Toluene	0.18	U	0.18	0.044	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
trans-1,2-Dichloroethene	0.18	U	0.18	0.032	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
trans-1,3-Dichloropropene	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Trichloroethene	0.18	U	0.18	0.039	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Trichlorofluoromethane	0.18	U	0.18	0.057	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100
Vinyl chloride	0.18	U	0.18	0.035	mg/Kg	☼	05/24/25 07:12	05/28/25 15:03	100

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-3-methyl-	*21*	*J N*	*mg/Kg*	☼	*9.47*	*620-14-4*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1-ethyl-4-methyl-	*18*	*J N*	*mg/Kg*	☼	*9.50*	*622-96-8*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1,3,5-trimethyl-	*38*	*J N*	*mg/Kg*	☼	*9.56*	*108-67-8*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1,2,4-trimethyl-	*100*	*J N*	*mg/Kg*	☼	*9.91*	*95-63-6*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1,2,3-trimethyl-	*30*	*J N*	*mg/Kg*	☼	*10.28*	*526-73-8*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Indane	*34*	*J N*	*mg/Kg*	☼	*10.44*	*496-11-7*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 2-ethyl-1,4-dimethyl-	*23*	*J N*	*mg/Kg*	☼	*10.51*	*1758-88-9*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 4-ethyl-1,2-dimethyl-	*16*	*J N*	*mg/Kg*	☼	*10.82*	*934-80-5*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
1-Phenyl-1-butene	*16*	*J N*	*mg/Kg*	☼	*10.90*	*824-90-8*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Benzene, 1-ethenyl-4-ethyl-	*21*	*J N*	*mg/Kg*	☼	*11.50*	*3454-07-7*	*05/24/25 07:12*	*05/28/25 15:03*	*100*

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3

Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*60 - 150*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
4-Bromofluorobenzene	*119*		*70 - 150*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Dibromofluoromethane (Surr)	*107*		*68 - 150*	*05/24/25 07:12*	*05/28/25 15:03*	*100*
Toluene-d8 (Surr)	*105*		*64 - 157*	*05/24/25 07:12*	*05/28/25 15:03*	*100*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.5**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.5**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-1B_3-5_20250522
Lab Sample ID: 460-326756-4

Date Collected: 05/22/25 09:35
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00087	U	0.00087	0.00020	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1,2,2-Tetrachloroethane	0.00087	U	0.00087	0.00046	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1,2-Trichloroethane	0.00087	U	0.00087	0.00053	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1-Dichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,1-Dichloroethene	0.00087	U	0.00087	0.00020	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2,3-Trichlorobenzene	0.00087	U	0.00087	0.00064	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2,4-Trichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2-Dibromo-3-Chloropropane	0.00087	U	0.00087	0.00040	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2-Dichloroethane	0.00087	U	0.00087	0.00026	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,2-Dichloropropane	0.00087	U	0.00087	0.00037	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,3-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
1,4-Dichlorobenzene	0.00087	U	0.00087	0.00045	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Acetone	**0.0089**		0.0052	0.0050	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Acrolein	0.087	U	0.087	0.024	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Acrylonitrile	0.0087	U	0.0087	0.0042	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Benzene	0.00087	U	0.00087	0.00050	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Bromoform	0.00087	U	0.00087	0.00037	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Bromomethane	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Carbon disulfide	0.00087	U	0.00087	0.00023	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Carbon tetrachloride	0.00087	U	0.00087	0.00034	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chlorobenzene	0.00087	U	0.00087	0.00044	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chlorobromomethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chlorodibromomethane	0.00087	U	0.00087	0.00047	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chloroethane	0.00087	U	0.00087	0.00046	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chloroform	0.00087	U	0.00087	0.00085	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Chloromethane	0.00087	U	0.00087	0.00038	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
cis-1,2-Dichloroethene	0.00087	U	0.00087	0.00031	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
cis-1,3-Dichloropropene	0.00087	U	0.00087	0.00024	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Cyclohexane	**0.0049**		0.00087	0.00019	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Dichlorobromomethane	0.00087	U	0.00087	0.00022	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1

Client Sample ID: SRI-B4-1B_3-5_20250522
Lab Sample ID: 460-326756-4

Date Collected: 05/22/25 09:35
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00087	U	0.00087	0.00030	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Ethylbenzene	**0.0031**		0.00087	0.00041	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Ethylene Dibromide	0.00087	U	0.00087	0.00044	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Isopropylbenzene	**0.00082**	**J**	0.00087	0.00025	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Methyl tert-butyl ether	0.00087	U	0.00087	0.00045	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Methylcyclohexane	**0.024**		0.00087	0.00044	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Methylene Chloride	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
m-Xylene & p-Xylene	**0.0077**		0.00087	0.00037	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
o-Xylene	**0.00080**	**J**	0.00087	0.00040	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Styrene	0.00087	U	0.00087	0.00024	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
TBA	0.0087	U	0.0087	0.0069	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Tetrachloroethene	0.00087	U	0.00087	0.00027	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Toluene	0.00087	U	0.00087	0.00020	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
trans-1,2-Dichloroethene	0.00087	U	0.00087	0.00021	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
trans-1,3-Dichloropropene	0.00087	U	0.00087	0.00023	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Trichloroethene	0.00087	U	0.00087	0.00028	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Trichlorofluoromethane	0.00087	U	0.00087	0.00035	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1
Vinyl chloride	0.00087	U	0.00087	0.00048	mg/Kg	☼	05/24/25 07:22	06/01/25 07:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0077*	*J*	*mg/Kg*	☼	*2.36*	*N/A*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Cyclopentane, methyl-	*0.0080*	*J N*	*mg/Kg*	☼	*3.06*	*96-37-7*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Hexane, 3-methyl-	*0.0066*	*J N*	*mg/Kg*	☼	*3.81*	*589-34-4*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Heptane, 2-methyl-	*0.010*	*J N*	*mg/Kg*	☼	*5.64*	*592-27-8*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Cyclohexane, 1,3-dimethyl-, cis-	*0.0072*	*J N*	*mg/Kg*	☼	*6.01*	*638-04-0*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Octane	*0.010*	*J N*	*mg/Kg*	☼	*6.40*	*111-65-9*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Nonane	*0.0066*	*J N*	*mg/Kg*	☼	*8.14*	*111-84-2*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Benzene, 1-ethyl-3-methyl-	*0.011*	*J N*	*mg/Kg*	☼	*9.14*	*620-14-4*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Benzene, 1,2,3-trimethyl-	*0.0076*	*J N*	*mg/Kg*	☼	*9.21*	*526-73-8*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Benzene, 1,2,4-trimethyl-	*0.021*	*J N*	*mg/Kg*	☼	*9.49*	*95-63-6*	*05/24/25 07:22*	*06/01/25 07:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/24/25 07:22*	*06/01/25 07:17*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/24/25 07:22*	*06/01/25 07:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5

Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0017	U	0.0017	0.00040	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,1,2,2-Tetrachloroethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5
Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0017	U	0.0017	0.00052	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,1,2-Trichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,1-Dichloroethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,1-Dichloroethene	0.0017	U	0.0017	0.00039	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2,3-Trichlorobenzene	0.0017	U	0.0017	0.0013	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2,4-Trichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2-Dibromo-3-Chloropropane	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2-Dichlorobenzene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2-Dichloroethane	0.0017	U	0.0017	0.00051	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,2-Dichloropropane	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,3-Dichlorobenzene	0.0017	U	0.0017	0.00063	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
1,4-Dichlorobenzene	0.0017	U	0.0017	0.00089	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
2-Butanone (MEK)	0.0086	U	0.0086	0.00063	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
2-Hexanone	0.0086	U	0.0086	0.0029	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
4-Methyl-2-pentanone (MIBK)	0.0086	U	0.0086	0.0027	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Acetone	0.010	U	0.010	0.0098	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Acrolein	0.17	U	0.17	0.048	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Acrylonitrile	0.017	U	0.017	0.0084	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Benzene	0.0017	U	0.0017	0.00098	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Bromoform	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Bromomethane	0.0034	U	0.0034	0.0017	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Carbon disulfide	0.0017	U	0.0017	0.00046	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Carbon tetrachloride	0.0017	U	0.0017	0.00067	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chlorobenzene	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chlorobromomethane	0.0017	U	0.0017	0.0010	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chlorodibromomethane	0.0017	U	0.0017	0.00092	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chloroethane	0.0017	U	0.0017	0.00090	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chloroform	0.0017	U	0.0017	0.0017	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Chloromethane	0.0017	U	0.0017	0.00075	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
cis-1,2-Dichloroethene	0.0017	U	0.0017	0.00062	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
cis-1,3-Dichloropropene	0.0017	U	0.0017	0.00047	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Cyclohexane	0.0017	U	0.0017	0.00038	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Dichlorobromomethane	0.0017	U	0.0017	0.00044	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Dichlorodifluoromethane	0.0017	U	0.0017	0.00058	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Ethylbenzene	0.0017	U	0.0017	0.00081	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Ethylene Dibromide	0.0017	U	0.0017	0.00087	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Isopropylbenzene	0.0017	U	0.0017	0.00049	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Methyl acetate	0.0086	U	0.0086	0.0074	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Methyl tert-butyl ether	0.0017	U	0.0017	0.00088	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Methylcyclohexane	0.0017	U	0.0017	0.00086	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Methylene Chloride	0.0034	U	0.0034	0.0020	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
m-Xylene & p-Xylene	0.0017	U	0.0017	0.00073	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
o-Xylene	0.0017	U	0.0017	0.00079	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Styrene	0.0017	U	0.0017	0.00048	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
TBA	0.017	U	0.017	0.014	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Tetrachloroethene	0.0017	U	0.0017	0.00053	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Toluene	0.0017	U	0.0017	0.00040	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
trans-1,2-Dichloroethene	0.0017	U	0.0017	0.00042	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
trans-1,3-Dichloropropene	0.0017	U	0.0017	0.00046	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5
Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.0017	U	0.0017	0.00055	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Trichlorofluoromethane	0.0017	U	0.0017	0.00070	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1
Vinyl chloride	0.0017	U	0.0017	0.00094	mg/Kg	☼	05/24/25 07:23	06/01/25 07:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:23*	*06/01/25 07:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*05/24/25 07:23*	*06/01/25 07:42*	*1*
4-Bromofluorobenzene	*79*		*71 - 128*	*05/24/25 07:23*	*06/01/25 07:42*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*05/24/25 07:23*	*06/01/25 07:42*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*05/24/25 07:23*	*06/01/25 07:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.2**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.8**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-1B_10-12_20250522
Lab Sample ID: 460-326756-6
Date Collected: 05/22/25 09:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1

Client Sample ID: SRI-B4-1B_10-12_20250522
Lab Sample ID: 460-326756-6

Date Collected: 05/22/25 09:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
TBA	0.011	U	0.011	0.0089	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/24/25 07:23	06/01/25 08:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:23*	*06/01/25 08:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/24/25 07:23*	*06/01/25 08:07*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/24/25 07:23*	*06/01/25 08:07*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*05/24/25 07:23*	*06/01/25 08:07*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 07:23*	*06/01/25 08:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.1**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**96.9**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7

Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7
Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00087	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.0011	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00066	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00053	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
2-Butanone (MEK)	0.0072	U	0.0072	0.00053	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
2-Hexanone	0.0072	U	0.0072	0.0025	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.0022	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Acetone	0.0087	U	0.0087	0.0083	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Acrolein	0.14	U	0.14	0.040	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Acrylonitrile	0.014	U	0.014	0.0070	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Benzene	0.0014	U	0.0014	0.00082	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Bromoform	0.0014	U	0.0014	0.00061	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Carbon tetrachloride	0.0014	U	0.0014	0.00056	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chlorobenzene	0.0014	U	0.0014	0.00073	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chlorobromomethane	0.0014	U	0.0014	0.00086	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chlorodibromomethane	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Chloromethane	0.0014	U	0.0014	0.00063	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00052	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00049	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Ethylbenzene	0.0014	U	0.0014	0.00068	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Ethylene Dibromide	0.0014	U	0.0014	0.00073	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Methyl acetate	0.0072	U	0.0072	0.0062	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00074	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Methylcyclohexane	0.0014	U	0.0014	0.00072	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Methylene Chloride	0.0029	U	0.0029	0.0017	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00061	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
o-Xylene	0.0014	U	0.0014	0.00067	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
TBA	0.014	U	0.014	0.011	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Toluene	0.0014	U	0.0014	0.00034	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00036	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7

Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1
Vinyl chloride	0.0014	U	0.0014	0.00079	mg/Kg	☼	05/24/25 07:24	06/01/25 08:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 07:24*	*06/01/25 08:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/24/25 07:24*	*06/01/25 08:32*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 07:24*	*06/01/25 08:32*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*05/24/25 07:24*	*06/01/25 08:32*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 07:24*	*06/01/25 08:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-2A_3-5_20250522
Lab Sample ID: 460-326756-8

Date Collected: 05/22/25 10:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00030	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00073	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Acetone	**0.039**		0.0059	0.0056	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Acrolein	0.098	U	0.098	0.028	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Acrylonitrile	0.0098	U	0.0098	0.0048	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chlorobromomethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1

Client Sample ID: SRI-B4-2A_3-5_20250522
Lab Sample ID: 460-326756-8

Date Collected: 05/22/25 10:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chloroform	0.00098	U	0.00098	0.00096	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Ethylene Dibromide	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Methylcyclohexane	0.00098	U	0.00098	0.00049	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
TBA	**0.013**		0.0098	0.0077	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Tetrachloroethene	**0.00036**	**J**	0.00098	0.00030	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Trichloroethene	0.00098	U	0.00098	0.00032	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	05/24/25 08:23	06/01/25 08:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:23*	*06/01/25 08:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/24/25 08:23*	*06/01/25 08:57*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*05/24/25 08:23*	*06/01/25 08:57*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*05/24/25 08:23*	*06/01/25 08:57*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 08:23*	*06/01/25 08:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9

Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00069	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9
Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00084	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Acetone	0.0069	U	0.0069	0.0065	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Acrylonitrile	0.011	U	0.011	0.0056	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Benzene	0.0011	U	0.0011	0.00065	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chlorobromomethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chlorodibromomethane	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Ethylbenzene	0.0011	U	0.0011	0.00054	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Ethylene Dibromide	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
m-Xylene & p-Xylene	**0.00051**	**J**	0.0011	0.00048	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
o-Xylene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
TBA	0.011	U	0.011	0.0090	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9
Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	05/24/25 08:24	06/01/25 09:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:24*	*06/01/25 09:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/24/25 08:24*	*06/01/25 09:22*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/24/25 08:24*	*06/01/25 09:22*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/24/25 08:24*	*06/01/25 09:22*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 08:24*	*06/01/25 09:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-2A_11-13_20250522
Lab Sample ID: 460-326756-10
Date Collected: 05/22/25 10:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00096	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
2-Butanone (MEK)	0.0065	U	0.0065	0.00048	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
2-Hexanone	0.0065	U	0.0065	0.0022	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.0065	0.0020	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Acetone	**0.039**		0.0078	0.0075	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Acrolein	0.13	U	0.13	0.037	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Acrylonitrile	0.013	U	0.013	0.0063	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Benzene	0.0013	U	0.0013	0.00074	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Bromoform	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Bromomethane	0.0026	U	0.0026	0.0013	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Carbon tetrachloride	0.0013	U	0.0013	0.00050	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chlorobenzene	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chlorobromomethane	0.0013	U	0.0013	0.00078	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chlorodibromomethane	0.0013	U	0.0013	0.00070	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chloroethane	0.0013	U	0.0013	0.00068	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1

Client Sample ID: SRI-B4-2A_11-13_20250522
Lab Sample ID: 460-326756-10

Date Collected: 05/22/25 10:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Chloromethane	0.0013	U	0.0013	0.00057	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00047	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00044	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Ethylbenzene	0.0013	U	0.0013	0.00061	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Ethylene Dibromide	0.0013	U	0.0013	0.00066	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Isopropylbenzene	0.0013	U	0.0013	0.00037	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Methyl acetate	0.0065	U	0.0065	0.0056	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00067	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Methylcyclohexane	0.0013	U	0.0013	0.00065	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Methylene Chloride	0.0026	U	0.0026	0.0015	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00055	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
o-Xylene	0.0013	U	0.0013	0.00060	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Styrene	0.0013	U	0.0013	0.00036	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
TBA	**0.017**		0.013	0.010	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Tetrachloroethene	0.0013	U	0.0013	0.00040	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00032	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Trichloroethene	0.0013	U	0.0013	0.00042	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00053	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1
Vinyl chloride	0.0013	U	0.0013	0.00071	mg/Kg	☼	05/24/25 08:24	06/01/25 09:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:24*	*06/01/25 09:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*05/24/25 08:24*	*06/01/25 09:47*	*1*
4-Bromofluorobenzene	*79*		*71 - 128*	*05/24/25 08:24*	*06/01/25 09:47*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 150*	*05/24/25 08:24*	*06/01/25 09:47*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*	*05/24/25 08:24*	*06/01/25 09:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.2**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.8**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-TB-7_20250522
Lab Sample ID: 460-326756-11

Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/31/25 10:37	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/31/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/31/25 10:37	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/31/25 10:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/31/25 10:37	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-TB-7_20250522
Lab Sample ID: 460-326756-11
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/31/25 10:37	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/31/25 10:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/31/25 10:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/31/25 10:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/31/25 10:37	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/31/25 10:37	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/31/25 10:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/31/25 10:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/31/25 10:37	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/31/25 10:37	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/31/25 10:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/31/25 10:37	1
Acetone	5.0	U	5.0	4.4	ug/L			05/31/25 10:37	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/31/25 10:37	1
Acrylonitrile	5.0	U	5.0	1.8	ug/L			05/31/25 10:37	1
Benzene	0.45	U	0.45	0.070	ug/L			05/31/25 10:37	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/31/25 10:37	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/31/25 10:37	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/31/25 10:37	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/31/25 10:37	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/31/25 10:37	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/31/25 10:37	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/31/25 10:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/31/25 10:37	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/31/25 10:37	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/31/25 10:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/31/25 10:37	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/31/25 10:37	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/31/25 10:37	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/31/25 10:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/31/25 10:37	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/31/25 10:37	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/31/25 10:37	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/31/25 10:37	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/31/25 10:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/31/25 10:37	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/31/25 10:37	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/31/25 10:37	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/31/25 10:37	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/31/25 10:37	1
Styrene	1.0	U	1.0	0.42	ug/L			05/31/25 10:37	1
TBA	10	U	10	8.3	ug/L			05/31/25 10:37	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/31/25 10:37	1
Toluene	1.0	U	1.0	0.38	ug/L			05/31/25 10:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/31/25 10:37	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/31/25 10:37	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/31/25 10:37	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/31/25 10:37	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/31/25 10:37	1

Client Sample ID: SRI-TB-7_20250522
Lab Sample ID: 460-326756-11
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		05/31/25 10:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		05/31/25 10:37	1
4-Bromofluorobenzene	96		76 - 120		05/31/25 10:37	1
Dibromofluoromethane (Surr)	99		77 - 132		05/31/25 10:37	1
Toluene-d8 (Surr)	102		80 - 120		05/31/25 10:37	1

Client Sample ID: SRI-FB-7_20250522
Lab Sample ID: 460-326756-12
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/31/25 10:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/31/25 10:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/31/25 10:57	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/31/25 10:57	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/31/25 10:57	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/31/25 10:57	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/31/25 10:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/31/25 10:57	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/31/25 10:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/31/25 10:57	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/31/25 10:57	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/31/25 10:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/31/25 10:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/31/25 10:57	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/31/25 10:57	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/31/25 10:57	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/31/25 10:57	1
Acetone	5.0	U	5.0	4.4	ug/L			05/31/25 10:57	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/31/25 10:57	1
Acrylonitrile	5.0	U	5.0	1.8	ug/L			05/31/25 10:57	1
Benzene	0.45	U	0.45	0.070	ug/L			05/31/25 10:57	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/31/25 10:57	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/31/25 10:57	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/31/25 10:57	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/31/25 10:57	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/31/25 10:57	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/31/25 10:57	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/31/25 10:57	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/31/25 10:57	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/31/25 10:57	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/31/25 10:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/31/25 10:57	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/31/25 10:57	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/31/25 10:57	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/31/25 10:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/31/25 10:57	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/31/25 10:57	1

Client Sample ID: SRI-FB-7_20250522
Lab Sample ID: 460-326756-12

Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/31/25 10:57	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/31/25 10:57	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/31/25 10:57	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/31/25 10:57	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/31/25 10:57	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/31/25 10:57	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/31/25 10:57	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/31/25 10:57	1
Styrene	1.0	U	1.0	0.42	ug/L			05/31/25 10:57	1
TBA	10	U	10	8.3	ug/L			05/31/25 10:57	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/31/25 10:57	1
Toluene	1.0	U	1.0	0.38	ug/L			05/31/25 10:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/31/25 10:57	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/31/25 10:57	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/31/25 10:57	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/31/25 10:57	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/31/25 10:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/31/25 10:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*05/31/25 10:57*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/31/25 10:57*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*05/31/25 10:57*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/31/25 10:57*	*1*

Client Sample ID: SRI-B4-2B_18-20_20250522
Lab Sample ID: 460-326756-13

Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.032	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.039	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1,2-Trichloroethane	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1-Dichloroethane	0.11	U	0.11	0.027	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,1-Dichloroethene	0.11	U	0.11	0.030	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2,3-Trichlorobenzene	0.11	U	0.11	0.040	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2-Dichlorobenzene	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2-Dichloroethane	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,2-Dichloropropane	0.11	U	0.11	0.021	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,3-Dichlorobenzene	0.11	U	0.11	0.038	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
1,4-Dichlorobenzene	0.11	U	0.11	0.038	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
2-Butanone (MEK)	0.57	U	0.57	0.25	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
2-Hexanone	0.57	U	0.57	0.13	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
4-Methyl-2-pentanone (MIBK)	0.57	U	0.57	0.15	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-2B_18-20_20250522
Lab Sample ID: 460-326756-13
Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.57	U	0.57	0.50	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Acrolein	0.57	U	0.57	0.27	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Acrylonitrile	1.1	U	1.1	0.21	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Benzene	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Bromoform	0.11	U	0.11	0.021	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Bromomethane	0.11	U	0.11	0.063	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Carbon disulfide	0.11	U	0.11	0.077	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Carbon tetrachloride	0.11	U	0.11	0.038	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chlorobenzene	0.11	U	0.11	0.027	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chlorobromomethane	0.11	U	0.11	0.034	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chlorodibromomethane	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chloroethane	0.11	U	0.11	0.042	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chloroform	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Chloromethane	0.11	U	0.11	0.046	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.030	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Cyclohexane	0.11	U	0.11	0.030	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Dichlorobromomethane	0.11	U	0.11	0.017	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Dichlorodifluoromethane	0.11	U	0.11	0.035	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Ethylbenzene	**0.14**		0.11	0.034	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Ethylene Dibromide	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Isopropylbenzene	**0.21**		0.11	0.037	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Methyl acetate	0.57	U	0.57	0.090	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Methyl tert-butyl ether	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Methylcyclohexane	**7.0**		0.11	0.083	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Methylene Chloride	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
m-Xylene & p-Xylene	0.11	U	0.11	0.032	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
o-Xylene	0.11	U	0.11	0.037	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Styrene	0.11	U	0.11	0.019	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
TBA	1.1	U	1.1	0.95	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Tetrachloroethene	0.11	U	0.11	0.041	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Toluene	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.021	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Trichloroethene	0.11	U	0.11	0.025	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Trichlorofluoromethane	0.11	U	0.11	0.037	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50
Vinyl chloride	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 10:42	06/03/25 12:05	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentane, 2-methyl-	*4.2*	*J N*	*mg/Kg*	☼	*2.21*	*107-83-5*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Hexane, 3-methyl-	*3.4*	*J N*	*mg/Kg*	☼	*3.63*	*589-34-4*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Cyclopentane, 1,3-dimethyl-	*3.0*	*J N*	*mg/Kg*	☼	*3.85*	*2453-00-1*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Unknown	*2.4*	*J*	*mg/Kg*	☼	*5.44*	*N/A*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Cyclohexane, 1,3-dimethyl-, trans-	*5.8*	*J N*	*mg/Kg*	☼	*5.70*	*2207-03-6*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Cyclohexane, 1,2-dimethyl-, trans-	*2.5*	*J N*	*mg/Kg*	☼	*6.15*	*6876-23-9*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Unknown	*2.4*	*J*	*mg/Kg*	☼	*7.37*	*N/A*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Unknown	*2.4*	*J*	*mg/Kg*	☼	*7.54*	*N/A*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Nonane, 3-methyl-	*2.8*	*J N*	*mg/Kg*	☼	*8.66*	*5911-04-6*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Benzene, 1-methyl-3-(1-methylethyl)-	*2.5*	*J N*	*mg/Kg*	☼	*10.82*	*535-77-3*	*05/24/25 10:42*	*06/03/25 12:05*	*50*

Client Sample ID: SRI-B4-2B_18-20_20250522
Lab Sample ID: 460-326756-13

Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*134*		*60 - 150*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
4-Bromofluorobenzene	*107*		*70 - 150*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Dibromofluoromethane (Surr)	*122*		*68 - 150*	*05/24/25 10:42*	*06/03/25 12:05*	*50*
Toluene-d8 (Surr)	*109*		*64 - 157*	*05/24/25 10:42*	*06/03/25 12:05*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.9**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.1**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-X-7_3-5_20250522
Lab Sample ID: 460-326756-14

Date Collected: 05/22/25 15:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0018	U	0.0018	0.00042	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1,2,2-Tetrachloroethane	0.0018	U	0.0018	0.00093	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0018	U	0.0018	0.00054	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1,2-Trichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1-Dichloroethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,1-Dichloroethene	0.0018	U	0.0018	0.00040	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2,3-Trichlorobenzene	0.0018	U	0.0018	0.0013	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2,4-Trichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2-Dibromo-3-Chloropropane	0.0018	U	0.0018	0.00082	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2-Dichlorobenzene	0.0018	U	0.0018	0.00064	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2-Dichloroethane	0.0018	U	0.0018	0.00053	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,2-Dichloropropane	0.0018	U	0.0018	0.00076	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,3-Dichlorobenzene	0.0018	U	0.0018	0.00065	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
1,4-Dichlorobenzene	0.0018	U	0.0018	0.00093	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
2-Butanone (MEK)	0.0089	U	0.0089	0.00066	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
2-Hexanone	0.0089	U	0.0089	0.0031	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
4-Methyl-2-pentanone (MIBK)	0.0089	U	0.0089	0.0028	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Acetone	**0.20**		0.011	0.010	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Acrolein	0.18	U	0.18	0.050	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Acrylonitrile	0.018	U	0.018	0.0087	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Benzene	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Bromoform	0.0018	U	0.0018	0.00076	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Bromomethane	0.0036	U	0.0036	0.0018	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Carbon disulfide	0.0018	U	0.0018	0.00048	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Carbon tetrachloride	0.0018	U	0.0018	0.00069	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chlorobenzene	0.0018	U	0.0018	0.00091	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chlorobromomethane	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chlorodibromomethane	0.0018	U	0.0018	0.00096	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chloroethane	0.0018	U	0.0018	0.00093	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chloroform	0.0018	U	0.0018	0.0017	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Chloromethane	0.0018	U	0.0018	0.00078	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
cis-1,2-Dichloroethene	0.0018	U	0.0018	0.00064	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
cis-1,3-Dichloropropene	0.0018	U	0.0018	0.00049	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Cyclohexane	0.0018	U	0.0018	0.00039	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Dichlorobromomethane	0.0018	U	0.0018	0.00046	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1

Client Sample ID: SRI-X-7_3-5_20250522
Lab Sample ID: 460-326756-14
Date Collected: 05/22/25 15:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.0018	U	0.0018	0.00060	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Ethylbenzene	0.0018	U	0.0018	0.00084	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Ethylene Dibromide	0.0018	U	0.0018	0.00090	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Isopropylbenzene	0.0018	U	0.0018	0.00051	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Methyl acetate	0.0089	U	0.0089	0.0077	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Methyl tert-butyl ether	0.0018	U	0.0018	0.00091	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Methylcyclohexane	0.0018	U	0.0018	0.00089	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Methylene Chloride	0.0036	U	0.0036	0.0020	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
m-Xylene & p-Xylene	0.0018	U	0.0018	0.00076	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
o-Xylene	0.0018	U	0.0018	0.00082	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Styrene	0.0018	U	0.0018	0.00050	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
TBA	**0.049**		0.018	0.014	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Tetrachloroethene	0.0018	U	0.0018	0.00054	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Toluene	0.0018	U	0.0018	0.00042	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
trans-1,2-Dichloroethene	0.0018	U	0.0018	0.00044	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
trans-1,3-Dichloropropene	0.0018	U	0.0018	0.00048	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Trichloroethene	0.0018	U	0.0018	0.00057	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Trichlorofluoromethane	0.0018	U	0.0018	0.00073	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1
Vinyl chloride	0.0018	U	0.0018	0.00098	mg/Kg	☼	05/24/25 10:53	06/01/25 12:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:53*	*06/01/25 12:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/24/25 10:53*	*06/01/25 12:41*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/24/25 10:53*	*06/01/25 12:41*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/24/25 10:53*	*06/01/25 12:41*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 10:53*	*06/01/25 12:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-3B_3-5_20250522
Lab Sample ID: 460-326756-15
Date Collected: 05/22/25 15:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00091	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1

Client Sample ID: SRI-A1-3B_3-5_20250522
Lab Sample ID: 460-326756-15
Date Collected: 05/22/25 15:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Acetone	0.0074	U	0.0074	0.0071	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Benzene	0.0012	U	0.0012	0.00070	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chlorobromomethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Ethylbenzene	0.0012	U	0.0012	0.00058	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
o-Xylene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
TBA	0.012	U	0.012	0.0097	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/24/25 10:54	06/01/25 13:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:54*	*06/01/25 13:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/24/25 10:54*	*06/01/25 13:06*	*1*
4-Bromofluorobenzene	*84*		*71 - 128*	*05/24/25 10:54*	*06/01/25 13:06*	*1*

Client Sample ID: SRI-A1-3B_3-5_20250522
Lab Sample ID: 460-326756-15

Date Collected: 05/22/25 15:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/24/25 10:54*	*06/01/25 13:06*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/24/25 10:54*	*06/01/25 13:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.8**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**98.2**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-3B_7-9_20250522
Lab Sample ID: 460-326756-16

Date Collected: 05/22/25 15:10
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Acetone	**0.026**		0.0062	0.0059	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Acrolein	0.10	U	0.10	0.029	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Acrylonitrile	0.010	U	0.010	0.0050	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1

Client Sample ID: SRI-A1-3B_7-9_20250522
Lab Sample ID: 460-326756-16

Date Collected: 05/22/25 15:10
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
TBA	**0.0087**	**J**	0.010	0.0081	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/24/25 10:55	06/01/25 13:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:55*	*06/01/25 13:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/24/25 10:55*	*06/01/25 13:31*	*1*
4-Bromofluorobenzene	*83*		*71 - 128*	*05/24/25 10:55*	*06/01/25 13:31*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*	*05/24/25 10:55*	*06/01/25 13:31*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/24/25 10:55*	*06/01/25 13:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.7**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**96.3**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17

Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00089	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
2-Butanone (MEK)	**0.0072**		0.0060	0.00044	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
2-Hexanone	0.0060	U	0.0060	0.0021	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Acetone	**0.064**		0.0072	0.0069	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Acrylonitrile	0.012	U	0.012	0.0059	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chlorobromomethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chlorodibromomethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Ethylbenzene	**0.0041**		0.0012	0.00057	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Ethylene Dibromide	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Isopropylbenzene	**0.0016**		0.0012	0.00034	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Methylcyclohexane	**0.11**		0.0012	0.00060	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Methylene Chloride	**0.0021**	**J**	0.0024	0.0014	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
m-Xylene & p-Xylene	**0.018**		0.0012	0.00051	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
TBA	**0.018**		0.012	0.0095	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1
Vinyl chloride	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/24/25 07:21	06/01/25 13:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Heptane, 2-methyl-	*0.057*	*J N*	*mg/Kg*	☼	*5.64*	*592-27-8*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Cyclohexane, 1,3-dimethyl-, cis-	*0.057*	*J N*	*mg/Kg*	☼	*6.01*	*638-04-0*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Octane	*0.075*	*J N*	*mg/Kg*	☼	*6.40*	*111-65-9*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Nonane	*0.058*	*J N*	*mg/Kg*	☼	*8.13*	*111-84-2*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Benzene, 1,2,4-trimethyl-	*0.13*	*J N*	*mg/Kg*	☼	*9.49*	*95-63-6*	*05/24/25 07:21*	*06/01/25 13:56*	*1*
Benzene, 1-ethyl-3,5-dimethyl-	*0.085*	*J N*	*mg/Kg*	☼	*10.03*	*934-74-7*	*05/24/25 07:21*	*06/01/25 13:56*	*1*

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17

Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 94.3

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzene, 1-ethyl-2,4-dimethyl-	0.055	J N	mg/Kg	☼	10.24	874-41-9	05/24/25 07:21	06/01/25 13:56	1
Benzene, 1-methyl-2-(1-methylethyl)-	0.068	J N	mg/Kg	☼	10.29	527-84-4	05/24/25 07:21	06/01/25 13:56	1
Benzene, 1,2,3,5-tetramethyl-	0.059	J N	mg/Kg	☼	10.56	527-53-7	05/24/25 07:21	06/01/25 13:56	1
Benzene, 2-ethenyl-1,4-dimethyl-	0.071	J N	mg/Kg	☼	10.88	2039-89-6	05/24/25 07:21	06/01/25 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		65 - 138	05/24/25 07:21	06/01/25 13:56	1
4-Bromofluorobenzene	77		71 - 128	05/24/25 07:21	06/01/25 13:56	1
Dibromofluoromethane (Surr)	93		50 - 150	05/24/25 07:21	06/01/25 13:56	1
Toluene-d8 (Surr)	100		71 - 126	05/24/25 07:21	06/01/25 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.7**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**94.3**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-1B_3-5_20250522
Lab Sample ID: 460-326756-18

Date Collected: 05/22/25 15:15
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00046	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00092	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00070	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
2-Butanone (MEK)	0.0076	U	0.0076	0.00056	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
2-Hexanone	0.0076	U	0.0076	0.0026	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.0076	0.0024	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Acetone	**0.027**		0.0092	0.0087	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Acrolein	0.15	U	0.15	0.043	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Acrylonitrile	0.015	U	0.015	0.0074	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Benzene	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Bromoform	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Bromomethane	0.0031	U	0.0031	0.0015	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Carbon disulfide	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Carbon tetrachloride	0.0015	U	0.0015	0.00059	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chlorobenzene	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chlorobromomethane	0.0015	U	0.0015	0.00091	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chlorodibromomethane	0.0015	U	0.0015	0.00082	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1

Client Sample ID: SRI-A1-1B_3-5_20250522
Lab Sample ID: 460-326756-18

Date Collected: 05/22/25 15:15
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chloroform	0.0015	U	0.0015	0.0015	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Chloromethane	0.0015	U	0.0015	0.00067	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00055	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Cyclohexane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Dichlorobromomethane	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Ethylbenzene	0.0015	U	0.0015	0.00072	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Ethylene Dibromide	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Isopropylbenzene	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Methyl acetate	0.0076	U	0.0076	0.0066	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Methylcyclohexane	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
o-Xylene	0.0015	U	0.0015	0.00070	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Styrene	0.0015	U	0.0015	0.00043	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
TBA	**0.013**	**J**	0.015	0.012	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Tetrachloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Toluene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Trichloroethene	0.0015	U	0.0015	0.00049	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1
Vinyl chloride	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/24/25 10:55	06/01/25 12:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:55*	*06/01/25 12:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/24/25 10:55*	*06/01/25 12:16*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 10:55*	*06/01/25 12:16*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*05/24/25 10:55*	*06/01/25 12:16*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 10:55*	*06/01/25 12:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.1**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**95.9**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-1B_5-7_20250522
Lab Sample ID: 460-326756-19

Date Collected: 05/22/25 15:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00034	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A1-1B_5-7_20250522
Date Collected: 05/22/25 15:20
Date Received: 05/23/25 16:00

Lab Sample ID: 460-326756-19
Matrix: Solid
Percent Solids: 97.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00067	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2-Dichlorobenzene	**0.0046**		0.0015	0.00052	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00043	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
1,4-Dichlorobenzene	**0.00092**	**J**	0.0015	0.00075	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
2-Butanone (MEK)	**0.0079**		0.0073	0.00054	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
2-Hexanone	0.0073	U	0.0073	0.0025	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
4-Methyl-2-pentanone (MIBK)	0.0073	U	0.0073	0.0023	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Acetone	**0.058**		0.0087	0.0083	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Acrolein	0.15	U	0.15	0.041	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Acrylonitrile	0.015	U	0.015	0.0071	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Benzene	**0.0095**		0.0015	0.00082	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Bromoform	0.0015	U	0.0015	0.00062	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Bromomethane	0.0029	U	0.0029	0.0015	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Carbon disulfide	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Carbon tetrachloride	0.0015	U	0.0015	0.00056	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chlorobenzene	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chlorobromomethane	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chlorodibromomethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chloroethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Chloromethane	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00052	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Cyclohexane	**0.033**		0.0015	0.00032	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Dichlorobromomethane	0.0015	U	0.0015	0.00037	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00049	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Ethylbenzene	**0.081**		0.0015	0.00068	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Ethylene Dibromide	0.0015	U	0.0015	0.00073	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Isopropylbenzene	**0.036**		0.0015	0.00041	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Methyl acetate	0.0073	U	0.0073	0.0063	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Methylcyclohexane	**0.14**		0.0015	0.00073	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Methylene Chloride	**0.0049**		0.0029	0.0017	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
m-Xylene & p-Xylene	**0.71**		0.0015	0.00062	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
o-Xylene	**0.43**		0.0015	0.00067	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Styrene	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
TBA	**0.014**	**J**	0.015	0.011	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Tetrachloroethene	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Toluene	**0.093**		0.0015	0.00034	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00036	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00039	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Trichloroethene	0.0015	U	0.0015	0.00047	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00059	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1

Client Sample ID: SRI-A1-1B_5-7_20250522
Lab Sample ID: 460-326756-19

Date Collected: 05/22/25 15:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0015	U	0.0015	0.00079	mg/Kg	☼	05/24/25 10:58	06/01/25 10:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-3-methyl-	*0.51*	*J N*	*mg/Kg*	☼	*9.14*	*620-14-4*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1,3,5-trimethyl-	*0.39*	*J N*	*mg/Kg*	☼	*9.21*	*108-67-8*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Decane	*0.60*	*J N*	*mg/Kg*	☼	*9.27*	*124-18-5*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1,2,4-trimethyl-	*1.1*	*J N*	*mg/Kg*	☼	*9.50*	*95-63-6*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1,2,3-trimethyl-	*0.44*	*J N*	*mg/Kg*	☼	*9.81*	*526-73-8*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Unknown	*0.78*	*J*	*mg/Kg*	☼	*10.15*	*N/A*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Unknown	*0.34*	*J*	*mg/Kg*	☼	*10.24*	*N/A*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1-methyl-2-(1-methylethyl)-	*0.40*	*J N*	*mg/Kg*	☼	*10.29*	*527-84-4*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Benzene, 1,2,3,4-tetramethyl-	*0.43*	*J N*	*mg/Kg*	☼	*10.57*	*488-23-3*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Dodecane	*1.0*	*J N*	*mg/Kg*	☼	*10.89*	*112-40-3*	*05/24/25 10:58*	*06/01/25 10:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*05/24/25 10:58*	*06/01/25 10:12*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*	*05/24/25 10:58*	*06/01/25 10:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20

Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00072	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2,3-Trichlorobenzene	0.0012	U *	0.0012	0.00088	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2,4-Trichlorobenzene	0.0012	U *	0.0012	0.00043	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Acetone	**0.022**		0.0072	0.0068	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Acrolein	0.12	U	0.12	0.033	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Acrylonitrile	0.012	U	0.012	0.0058	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20
Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0012	U	0.0012	0.00068	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chlorobenzene	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chlorobromomethane	0.0012	U	0.0012	0.00071	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chlorodibromomethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Ethylbenzene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Ethylene Dibromide	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00051	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
o-Xylene	0.0012	U	0.0012	0.00055	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
TBA	0.012	U	0.012	0.0094	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	05/24/25 10:59	06/03/25 00:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.0073*	*J*	*mg/Kg*	☼	*9.95*	*N/A*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Dodecane	*0.0098*	*J N*	*mg/Kg*	☼	*10.88*	*112-40-3*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Naphthalene	*0.0061*	*J N*	*mg/Kg*	☼	*11.29*	*91-20-3*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Eicosane	*0.0094*	*J N*	*mg/Kg*	☼	*11.58*	*112-95-8*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Unknown	*0.0064*	*J*	*mg/Kg*	☼	*11.73*	*N/A*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Naphthalene, 2-methyl-	*0.020*	*J N*	*mg/Kg*	☼	*12.18*	*91-57-6*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Naphthalene, 1-methyl-	*0.0062*	*J N*	*mg/Kg*	☼	*12.36*	*90-12-0*	*05/24/25 10:59*	*06/03/25 00:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*	*05/24/25 10:59*	*06/03/25 00:16*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/24/25 10:59*	*06/03/25 00:16*	*1*

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20

Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.4		1.0	1.0	%			05/25/25 11:37	1
Percent Solids (EPA Moisture)	96.6		1.0	1.0	%			05/25/25 11:37	1

Client Sample ID: SRI-A1-4B_3-5_20250522
Lab Sample ID: 460-326756-21

Date Collected: 05/22/25 15:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00074	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00090	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Acrolein	0.12	U	0.12	0.034	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Benzene	0.0012	U	0.0012	0.00069	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chlorobenzene	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chlorobromomethane	0.0012	U	0.0012	0.00073	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chlorodibromomethane	0.0012	U	0.0012	0.00066	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Ethylbenzene	0.0012	U	0.0012	0.00057	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Ethylene Dibromide	0.0012	U	0.0012	0.00062	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1

Client Sample ID: SRI-A1-4B_3-5_20250522
Lab Sample ID: 460-326756-21

Date Collected: 05/22/25 15:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00052	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
o-Xylene	0.0012	U	0.0012	0.00056	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
TBA	0.012	U	0.012	0.0096	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	05/24/25 10:59	06/01/25 14:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 10:59*	*06/01/25 14:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/24/25 10:59*	*06/01/25 14:46*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*	*05/24/25 10:59*	*06/01/25 14:46*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/24/25 10:59*	*06/01/25 14:46*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 10:59*	*06/01/25 14:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.2**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**95.8**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22

Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00068	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00083	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22
Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Acrolein	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Benzene	0.0011	U	0.0011	0.00064	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chlorobromomethane	0.0011	U	0.0011	0.00067	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chlorodibromomethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Ethylbenzene	0.0011	U	0.0011	0.00053	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Ethylene Dibromide	0.0011	U	0.0011	0.00057	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Methylene Chloride	**0.0031**		0.0022	0.0013	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00048	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
o-Xylene	0.0011	U	0.0011	0.00052	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
TBA	0.011	U	0.011	0.0088	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Tetrachloroethene	**0.00034**	**J**	0.0011	0.00034	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	05/24/25 08:25	06/01/25 15:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:25*	*06/01/25 15:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/24/25 08:25*	*06/01/25 15:11*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 08:25*	*06/01/25 15:11*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*	*05/24/25 08:25*	*06/01/25 15:11*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 08:25*	*06/01/25 15:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.5**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22
Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	96.5		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_8-10_20250522
Lab Sample ID: 460-326756-23
Date Collected: 05/22/25 11:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0015	U	0.0015	0.00035	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1,2,2-Tetrachloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0015	0.00045	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1,2-Trichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1-Dichloroethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,1-Dichloroethene	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2,3-Trichlorobenzene	0.0015	U	0.0015	0.0011	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2,4-Trichlorobenzene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0015	0.00068	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2-Dichloroethane	0.0015	U	0.0015	0.00044	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,2-Dichloropropane	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,3-Dichlorobenzene	0.0015	U	0.0015	0.00054	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
1,4-Dichlorobenzene	0.0015	U	0.0015	0.00077	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
2-Butanone (MEK)	0.0074	U	0.0074	0.00055	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
2-Hexanone	0.0074	U	0.0074	0.0025	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
4-Methyl-2-pentanone (MIBK)	0.0074	U	0.0074	0.0023	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Acetone	0.0089	U	0.0089	0.0085	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Acrolein	0.15	U	0.15	0.042	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Acrylonitrile	0.015	U	0.015	0.0072	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Benzene	0.0015	U	0.0015	0.00084	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Bromoform	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Bromomethane	0.0030	U	0.0030	0.0015	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Carbon disulfide	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Carbon tetrachloride	0.0015	U	0.0015	0.00058	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chlorobenzene	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chlorobromomethane	0.0015	U	0.0015	0.00089	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chlorodibromomethane	0.0015	U	0.0015	0.00080	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chloroethane	0.0015	U	0.0015	0.00078	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chloroform	0.0015	U	0.0015	0.0014	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Chloromethane	0.0015	U	0.0015	0.00065	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
cis-1,2-Dichloroethene	0.0015	U	0.0015	0.00053	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
cis-1,3-Dichloropropene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Cyclohexane	0.0015	U	0.0015	0.00033	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Dichlorobromomethane	0.0015	U	0.0015	0.00038	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Dichlorodifluoromethane	0.0015	U	0.0015	0.00050	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Ethylbenzene	0.0015	U	0.0015	0.00070	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Ethylene Dibromide	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Isopropylbenzene	0.0015	U	0.0015	0.00042	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Methyl acetate	0.0074	U	0.0074	0.0064	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Methyl tert-butyl ether	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Methylcyclohexane	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1

Client Sample ID: SRI-B4-3_8-10_20250522
Lab Sample ID: 460-326756-23
Date Collected: 05/22/25 11:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.0030	U	0.0030	0.0017	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
m-Xylene & p-Xylene	0.0015	U	0.0015	0.00063	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
o-Xylene	0.0015	U	0.0015	0.00069	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Styrene	0.0015	U	0.0015	0.00041	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
TBA	0.015	U	0.015	0.012	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Tetrachloroethene	0.0015	U	0.0015	0.00045	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Toluene	0.0015	U	0.0015	0.00035	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
trans-1,2-Dichloroethene	0.0015	U	0.0015	0.00037	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
trans-1,3-Dichloropropene	0.0015	U	0.0015	0.00040	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Trichloroethene	0.0015	U	0.0015	0.00048	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Trichlorofluoromethane	0.0015	U	0.0015	0.00060	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1
Vinyl chloride	0.0015	U	0.0015	0.00081	mg/Kg	☼	05/24/25 08:26	06/01/25 15:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/24/25 08:26*	*06/01/25 15:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/24/25 08:26*	*06/01/25 15:37*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 08:26*	*06/01/25 15:37*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*	*05/24/25 08:26*	*06/01/25 15:37*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*05/24/25 08:26*	*06/01/25 15:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.8**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**97.2**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24
Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.078	U	0.078	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1,2,2-Tetrachloroethane	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.078	U	0.078	0.027	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1,2-Trichloroethane	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1-Dichloroethane	0.078	U	0.078	0.019	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,1-Dichloroethene	0.078	U	0.078	0.021	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2,3-Trichlorobenzene	0.078	U	0.078	0.027	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2,4-Trichlorobenzene	0.078	U	0.078	0.021	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2-Dibromo-3-Chloropropane	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2-Dichlorobenzene	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2-Dichloroethane	0.078	U	0.078	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,2-Dichloropropane	0.078	U	0.078	0.014	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,3-Dichlorobenzene	0.078	U	0.078	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
1,4-Dichlorobenzene	0.078	U	0.078	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
2-Butanone (MEK)	0.39	U	0.39	0.17	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
2-Hexanone	0.39	U	0.39	0.089	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
4-Methyl-2-pentanone (MIBK)	0.39	U	0.39	0.10	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Acetone	0.39	U	0.39	0.35	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24
Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.39	U	0.39	0.19	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Acrylonitrile	0.78	U	0.78	0.14	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Benzene	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Bromoform	0.078	U	0.078	0.014	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Bromomethane	0.078	U	0.078	0.043	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Carbon disulfide	0.078	U *	0.078	0.053	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Carbon tetrachloride	0.078	U	0.078	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chlorobenzene	0.078	U	0.078	0.019	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chlorobromomethane	0.078	U	0.078	0.023	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chlorodibromomethane	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chloroethane	0.078	U	0.078	0.029	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chloroform	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Chloromethane	0.078	U	0.078	0.031	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
cis-1,2-Dichloroethene	0.078	U	0.078	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
cis-1,3-Dichloropropene	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Cyclohexane	0.078	U	0.078	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Dichlorobromomethane	0.078	U	0.078	0.012	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Dichlorodifluoromethane	0.078	U	0.078	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Ethylbenzene	**0.073**	**J**	0.078	0.023	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Ethylene Dibromide	0.078	U	0.078	0.015	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Isopropylbenzene	**2.1**		0.078	0.025	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Methyl acetate	0.39	U	0.39	0.061	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Methyl tert-butyl ether	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Methylcyclohexane	**13**		0.078	0.057	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Methylene Chloride	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
m-Xylene & p-Xylene	0.078	U	0.078	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
o-Xylene	0.078	U	0.078	0.025	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Styrene	0.078	U	0.078	0.013	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
TBA	0.78	U	0.78	0.65	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Tetrachloroethene	0.078	U	0.078	0.028	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Toluene	0.078	U	0.078	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
trans-1,2-Dichloroethene	0.078	U	0.078	0.014	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
trans-1,3-Dichloropropene	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Trichloroethene	0.078	U	0.078	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Trichlorofluoromethane	0.078	U	0.078	0.025	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50
Vinyl chloride	0.078	U	0.078	0.016	mg/Kg	☼	05/24/25 08:19	05/28/25 03:51	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Heptane, 3-methyl-	*9.9*	*J N*	*mg/Kg*	☼	*5.43*	*589-81-1*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Cyclohexane, 1,3-dimethyl-, trans-	*18*	*J N*	*mg/Kg*	☼	*5.69*	*2207-03-6*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Cyclohexane, 1-ethyl-2-methyl-	*11*	*J N*	*mg/Kg*	☼	*8.41*	*3728-54-9*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Cyclohexane, (1-methylethyl)-	*12*	*J N*	*mg/Kg*	☼	*8.77*	*696-29-7*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 1,2-diethyl-	*13*	*J N*	*mg/Kg*	☼	*10.43*	*135-01-3*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 4-ethyl-1,2-dimethyl-	*17*	*J N*	*mg/Kg*	☼	*10.82*	*934-80-5*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 1-ethenyl-3-ethyl-	*14*	*J N*	*mg/Kg*	☼	*10.90*	*7525-62-4*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 1,2,3,4-tetramethyl-	*11*	*J N*	*mg/Kg*	☼	*11.13*	*488-23-3*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
1H-Indene, 2,3-dihydro-5-methyl-	*11*	*J N*	*mg/Kg*	☼	*11.37*	*874-35-1*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Benzene, 2-ethenyl-1,4-dimethyl-	*17*	*J N*	*mg/Kg*	☼	*11.50*	*2039-89-6*	*05/24/25 08:19*	*05/28/25 03:51*	*50*

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24

Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*60 - 150*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
4-Bromofluorobenzene	*120*		*70 - 150*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Dibromofluoromethane (Surr)	*113*		*68 - 150*	*05/24/25 08:19*	*05/28/25 03:51*	*50*
Toluene-d8 (Surr)	*111*		*64 - 157*	*05/24/25 08:19*	*05/28/25 03:51*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**97.3**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: SRI-B4-3_15-17_20250522
Lab Sample ID: 460-326756-25

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.037	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1,2-Trichloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1-Dichloroethane	0.11	U	0.11	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,1-Dichloroethene	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2,3-Trichlorobenzene	0.11	U	0.11	0.039	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.030	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2-Dichlorobenzene	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2-Dichloroethane	0.11	U	0.11	0.028	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,2-Dichloropropane	0.11	U	0.11	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,3-Dichlorobenzene	0.11	U	0.11	0.036	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
1,4-Dichlorobenzene	0.11	U	0.11	0.037	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
2-Butanone (MEK)	0.55	U	0.55	0.24	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
2-Hexanone	0.55	U	0.55	0.13	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
4-Methyl-2-pentanone (MIBK)	0.55	U	0.55	0.14	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Acetone	0.55	U	0.55	0.49	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Acrolein	0.55	U	0.55	0.26	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Acrylonitrile	1.1	U	1.1	0.20	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Benzene	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Bromoform	0.11	U	0.11	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Bromomethane	0.11	U	0.11	0.061	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Carbon disulfide	0.11	U *	0.11	0.074	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Carbon tetrachloride	0.11	U	0.11	0.036	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chlorobenzene	0.11	U	0.11	0.026	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chlorobromomethane	0.11	U	0.11	0.033	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chlorodibromomethane	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chloroethane	0.11	U	0.11	0.041	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chloroform	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Chloromethane	0.11	U	0.11	0.044	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Cyclohexane	0.11	U	0.11	0.029	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Dichlorobromomethane	0.11	U	0.11	0.017	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-3_15-17_20250522
Lab Sample ID: 460-326756-25
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.11	U	0.11	0.034	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Ethylbenzene	**0.065**	**J**	0.11	0.033	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Ethylene Dibromide	0.11	U	0.11	0.021	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Isopropylbenzene	**0.61**		0.11	0.035	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Methyl acetate	0.55	U	0.55	0.086	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Methyl tert-butyl ether	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Methylcyclohexane	**1.1**		0.11	0.080	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Methylene Chloride	0.11	U	0.11	0.023	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
m-Xylene & p-Xylene	0.11	U	0.11	0.031	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
o-Xylene	0.11	U	0.11	0.035	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Styrene	0.11	U	0.11	0.019	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
TBA	1.1	U	1.1	0.91	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Tetrachloroethene	0.11	U	0.11	0.040	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Toluene	0.11	U	0.11	0.028	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.020	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Trichloroethene	0.11	U	0.11	0.024	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Trichlorofluoromethane	0.11	U	0.11	0.035	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50
Vinyl chloride	0.11	U	0.11	0.022	mg/Kg	☼	05/24/25 08:19	05/28/25 04:14	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Heptane, 2,6-dimethyl-	*6.6*	*J N*	*mg/Kg*	☼	*6.58*	*1072-05-5*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Cyclohexane, 1,1,3-trimethyl-	*6.3*	*J N*	*mg/Kg*	☼	*6.98*	*3073-66-3*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Hexane, 3-ethyl-	*7.1*	*J N*	*mg/Kg*	☼	*7.36*	*619-99-8*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Unknown	*8.5*	*J*	*mg/Kg*	☼	*7.54*	*N/A*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Cyclohexane, 1-ethyl-2-methyl-	*6.0*	*J N*	*mg/Kg*	☼	*8.09*	*3728-54-9*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Unknown	*11*	*J*	*mg/Kg*	☼	*8.40*	*N/A*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Nonane, 3-methyl-	*10*	*J N*	*mg/Kg*	☼	*8.66*	*5911-04-6*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Cyclohexane, (1-methylethyl)-	*6.1*	*J N*	*mg/Kg*	☼	*8.77*	*696-29-7*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Unknown	*5.7*	*J*	*mg/Kg*	☼	*9.37*	*N/A*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Benzene, 1-ethyl-2,4-dimethyl-	*7.4*	*J N*	*mg/Kg*	☼	*10.82*	*874-41-9*	*05/24/25 08:19*	*05/28/25 04:14*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*60 - 150*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
4-Bromofluorobenzene	*125*		*70 - 150*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Dibromofluoromethane (Surr)	*112*		*68 - 150*	*05/24/25 08:19*	*05/28/25 04:14*	*50*
Toluene-d8 (Surr)	*116*		*64 - 157*	*05/24/25 08:19*	*05/28/25 04:14*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			05/25/25 12:56	1

Surrogate Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-326580-1	SRI-A2-4_3-5_20250520	117	124	128	107
460-326580-2	SRI-A2-4_8-10_20250520	108	110	120	97
460-326580-3	SRI-A2-4_13-15_20250520	109	114	117	98
460-326580-5	SRI-B2-2_3-5_20250520	107	121	123	99
460-326580-6	SRI-B2-2_8-10_20250520	126	134 *	138	110
460-326580-7	SRI-B2-2_13-15_20250520	109	117	119	98
460-326580-8	SRI-A2-2_3-5_20250520	100	86	112	97
460-326580-9	SRI-A2-2_8-10_20250520	101	86	111	95
460-326580-10	SRI-A2-2_13-15_20250520	92	76	102	85
460-326580-11	SRI-A2-1_3-5_20250520	101	87	112	95
460-326580-12	SRI-A2-1_8-10_20250520	101	88	112	97
460-326580-13	SRI-A1-1_13-15_20250520	103	112	112	100
460-326580-14	SRI-X-3_13-15_20250520	104	113	112	97
460-326580-15	SRI-B1-4_22-24_20250520	112	116	121	100
460-326580-16	SRI-B2-3_22-24_20250520	153 *	121	121	108
460-326580-17	SRI-A2-3_3-5_20250520	103	116	112	100
460-326580-17 MS	SRI-A2-3_3-5_20250520	104	111	109	101
460-326580-17 MSD	SRI-A2-3_3-5_20250520	104	112	111	105
460-326580-18	SRI-A2-3_8-10_20250520	106	115	121	100
460-326580-19	SRI-A2-3_10-12_20250520	116	125	125	106
460-326580-20	SRI-A3-3_3-5_20250520	109	113	117	97
460-326580-21	SRI-A3-3_5-7_20250520	107	105	115	94
460-326580-22	SRI-A3-3_13-15_20250520	108	108	120	96
460-326580-22 MS	SRI-A3-3_13-15_20250520	117	125	121	113
460-326580-22 MSD	SRI-A3-3_13-15_20250520	103	107	108	100
460-326580-23	SRI-X-4_5-7_20250520	114	114	120	97
460-326580-27	SRI-A3-4_3-5_20250520	110	119	123	106
460-326580-28	SRI-A3-4_6-8_20250520	113	119	129	103
460-326580-29	SRI-A3-4_13-15_20250520	120	124	125	111
460-326580-30	SRI-A3-2_3-5_20250520	108	112	123	99
460-326580-31	SRI-A3-2_8-10_20250520	115	119	124	101
460-326580-32	SRI-A3-2_13-15_20250520	108	106	120	95
460-326580-33	SRI-A3-1_3-5_20250520	107	115	118	98
460-326580-34	SRI-A3-1_8-10_20250520	109	113	122	99
460-326580-35	SRI-A3-1_13-15_20250520	109	115	127	103
460-326580-36	SRI-A4-1_3-5_20250520	113	121	120	107
460-326580-37	SRI-A4-1_7-9_20250520	108	116	112	105
460-326580-38	SRI-A4-2_3-5_20250520	105	122	116	104
460-326580-39	SRI-A4-2_6-8_20250520	109	126	113	110
460-326644-11	SRI-A1-2_3-5_20250519	105	114	119	96
460-326644-12	SRI-A1-2_8-10_20250519	100	114	118	96
460-326644-13	SRI-A1-2_13-15_20250519	99	88	104	99
460-326644-14	SRI-X-1_13-15_20250519	103	109	117	95
460-326644-15	SRI-B1-2_3-5_20250519	105	109	114	96
460-326644-16	SRI-B1-2_5-7_20250519	118	126	133	109
460-326644-17	SRI-B1-2_13-15_20250519	102	109	117	97
460-326644-18	SRI-B1-2_18-20_20250519	109	112	119	99
460-326644-19	SRI-X-2_3-5_20250519	102	114	115	97
460-326644-20	SRI-B1-1_3-5_20250519	100	110	112	94

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-326644-20 MS	SRI-B1-1_3-5_20250519	105	106	112	94
460-326644-20 MSD	SRI-B1-1_3-5_20250519	103	108	111	96
460-326644-21	SRI-B1-3_3-5_20250519	108	114	121	97
460-326644-22	SRI-B1-3_5-7_20250519	94	99	103	86
460-326644-23	SRI-B1-3_13-15_20250519	107	107	118	94
460-326644-24	SRI-B1-4_3-5_20250519	94	103	103	88
460-326644-25	SRI-B1-4_5-7_20250519	107	116	108	97
460-326644-26	SRI-B1-4_13-15_20250519	106	111	114	96
460-326644-33	SRI-B2-1_3-5_20250519	122	132 *	134	112
460-326644-34	SRI-B1-4_18-20_20250519	105	115	118	94
460-326644-35	SRI-B2-1_18-20_20250519	96	85	103	97
460-326644-36	SRI-B2-1_13-15_20250519	107	113	122	97
460-326644-37	SRI-B2-1_8-10_20250519	107	112	122	100
460-326644-38	SRI-B2-3_3-5_20250519	107	117	125	102
460-326644-40	SRI-B2-3_8-10_20250519	110	113	121	100
460-326644-42	SRI-B2-4_3-5_20250519	97	86	106	95
460-326644-43	SRI-B2-4_7-9_20250519	96	85	106	95
460-326644-44	SRI-B2-4_13-15_20250519	86	79	96	86
460-326694-1	SRI-A4-4_3_5_20250521	103	109	106	97
460-326694-2	SRI-A4-4_6-8_20250521	107	115	111	103
460-326694-3	SRI-A4-3_3-5_20250521	105	120	110	104
460-326694-4	SRI-A4-3_8-10_20250521	106	110	110	98
460-326694-4 MS	SRI-A4-3_8-10_20250521	103	112	109	103
460-326694-4 MSD	SRI-A4-3_8-10_20250521	105	112	112	106
460-326694-5	SRI-A4-3_10-12_20250521	103	88	112	94
460-326694-6	SRI-X-5_3-5_20250521	100	116	114	99
460-326694-9	SRI-B3-4_3-5_20250521	109	122	118	108
460-326694-10	SRI-B3-4_6-8_20250521	119	140 *	127	118
460-326694-12	SRI-B3-4_16-18_20250521	106	138 *	105	101
460-326694-13	SRI-B3-2B_8-10_20250521	102	114	110	100
460-326694-14	SRI-B3-2B_12-14_20250521	101	113	112	102
460-326694-15	SRI-B3-2A_16-18_20250521	108	111	110	98
460-326694-15 MS	SRI-B3-2A_16-18_20250521	102	109	109	101
460-326694-15 MSD	SRI-B3-2A_16-18_20250521	101	108	109	98
460-326694-16	SRI-B3-3_8-10_20250521	105	114	112	102
460-326694-17	SRI-B3-3_13-15_20250521	109	117	115	105
460-326694-18	SRI-B3-3_18-20_20250521	108	119	113	102
460-326694-19	SRI-X-6_3-5_20250521	113	124	116	110
460-326694-20	SRI-B3-1_3-5_20250521	124	131 *	131	119
460-326694-21	SRI-B3-1_5-7_20250521	109	108	112	100
460-326694-24	SRI-B4-1A_3-5_20250521	102	120	114	104
460-326694-25	SRI-B4-1A_8-10_20250521	104	116	116	103
460-326694-26	SRI-B4-1A_13-15_20250521	105	115	108	101
460-326694-27	SRI-B3-2C_3-5_20250521	102	124	112	103
460-326694-28	SRI-B3-3B_3-5_20250521	103	116	109	102
460-326756-1	SRI-B4-4_3-5_20250522	108	87	110	98
460-326756-2	SRI-B4-4_8-10_20250522	109	84	113	102
460-326756-4	SRI-B4-1B_3-5_20250522	101	87	105	103
460-326756-5	SRI-B4-1B_8-10_20250522	95	79	99	92
460-326756-6	SRI-B4-1B_10-12_20250522	105	85	107	98

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-326756-7	SRI-B4-1B_15-17_20250522	104	86	108	99
460-326756-8	SRI-B4-2A_3-5_20250522	106	84	109	98
460-326756-9	SRI-B4-2A_8-10_20250522	106	85	110	99
460-326756-10	SRI-B4-2A_11-13_20250522	98	79	99	91
460-326756-14	SRI-X-7_3-5_20250522	100	85	105	98
460-326756-15	SRI-A1-3B_3-5_20250522	101	84	106	98
460-326756-16	SRI-A1-3B_7-9_20250522	103	83	107	97
460-326756-17	SRI-B4-4_15-17_20250522	86	77	93	100
460-326756-18	SRI-A1-1B_3-5_20250522	100	86	104	99
460-326756-18 MS	SRI-A1-1B_3-5_20250522	102	90	103	101
460-326756-18 MSD	SRI-A1-1B_3-5_20250522	88	89	106	99
460-326756-19	SRI-A1-1B_5-7_20250522	99	96	103	110
460-326756-20	SRI-A1-1B_13-15_20250522	99	88	104	100
460-326756-21	SRI-A1-4B_3-5_20250522	99	85	105	99
460-326756-22	SRI-B4-3_3-5_20250522	101	86	106	99
460-326756-23	SRI-B4-3_8-10_20250522	100	86	105	99
LB3 460-1038753/1-A	Method Blank	111	126	128	108
LB3 460-1038766/1-A	Method Blank	104	115	118	100
LB3 460-1038815/1-A	Method Blank	100	108	112	93
LB3 460-1038832/1-A	Method Blank	102	111	118	95
LB3 460-1039184/1-A	Method Blank	93	79	105	89
LB3 460-1039187/1-A	Method Blank	102	119	112	108
LB3 460-1039236/1-A	Method Blank	103	120	111	103
LB3 460-1039271/1-A	Method Blank	102	116	113	104
LB3 460-1039374/1-A	Method Blank	103	86	110	102
LB3 460-1039393/1-A	Method Blank	89	77	96	92
LCS 460-1039309/3	Lab Control Sample	93	90	104	99
LCS 460-1039310/4	Lab Control Sample	87	95	96	83
LCS 460-1039355/3	Lab Control Sample	102	108	117	98
LCS 460-1039469/3	Lab Control Sample	97	88	107	100
LCS 460-1039470/2	Lab Control Sample	96	105	107	93
LCS 460-1039554/3	Lab Control Sample	106	115	113	101
LCS 460-1039604/4	Lab Control Sample	103	91	110	99
LCS 460-1039609/3	Lab Control Sample	102	112	107	101
LCS 460-1039694/2	Lab Control Sample	97	108	102	96
LCS 460-1040206/2	Lab Control Sample	113	126	118	113
LCS 460-1040395/3	Lab Control Sample	107	114	115	103
LCS 460-1040662/3	Lab Control Sample	100	80	100	96
LCS 460-1040663/3	Lab Control Sample	106	112	111	103
LCS 460-1040792/3	Lab Control Sample	108	89	108	107
LCS 460-1040795/3	Lab Control Sample	106	107	108	99
LCS 460-1040884/2	Lab Control Sample	105	89	107	104
LCS 460-1040885/3	Lab Control Sample	103	110	107	100
LCS 460-1041006/3	Lab Control Sample	106	109	110	101
LCS 460-1041007/5	Lab Control Sample	98	90	103	104
LCS 460-1041319/3	Lab Control Sample	100	95	108	101
LCSD 460-1039309/6	Lab Control Sample Dup	88	84	96	92
LCSD 460-1039310/5	Lab Control Sample Dup	105	118	122	107
LCSD 460-1039355/4	Lab Control Sample Dup	108	116	120	107
LCSD 460-1039469/4	Lab Control Sample Dup	91	81	100	94

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
LCSD 460-1039470/3	Lab Control Sample Dup	99	107	110	95
LCSD 460-1039554/4	Lab Control Sample Dup	107	107	115	97
LCSD 460-1039604/5	Lab Control Sample Dup	91	81	101	92
LCSD 460-1039609/4	Lab Control Sample Dup	99	108	104	99
LCSD 460-1039694/3	Lab Control Sample Dup	100	104	106	97
LCSD 460-1040206/4	Lab Control Sample Dup	101	111	110	100
LCSD 460-1040395/4	Lab Control Sample Dup	107	120	110	104
LCSD 460-1040662/4	Lab Control Sample Dup	106	87	108	104
LCSD 460-1040663/4	Lab Control Sample Dup	105	111	109	101
LCSD 460-1040792/4	Lab Control Sample Dup	109	88	109	104
LCSD 460-1040795/4	Lab Control Sample Dup	106	111	110	101
LCSD 460-1040884/4	Lab Control Sample Dup	97	81	98	94
LCSD 460-1040885/4	Lab Control Sample Dup	106	115	113	105
LCSD 460-1041006/26	Lab Control Sample Dup	110	112	113	105
LCSD 460-1041007/6	Lab Control Sample Dup	101	92	105	104
LCSD 460-1041319/4	Lab Control Sample Dup	101	91	109	101
MB 460-1039309/8	Method Blank	95	87	107	98
MB 460-1039310/9	Method Blank	104	116	118	98
MB 460-1039355/8	Method Blank	96	108	109	92
MB 460-1039469/8	Method Blank	89	83	104	93
MB 460-1039470/8	Method Blank	103	109	113	95
MB 460-1039554/8	Method Blank	106	110	114	96
MB 460-1039604/9	Method Blank	100	80	107	91
MB 460-1039609/6	Method Blank	100	117	106	103
MB 460-1039694/8	Method Blank	98	114	106	101
MB 460-1040206/8	Method Blank	107	128	119	105
MB 460-1040395/9	Method Blank	108	123	111	106
MB 460-1040662/7	Method Blank	107	86	110	102
MB 460-1040663/9	Method Blank	106	116	109	103
MB 460-1040792/7	Method Blank	104	85	110	102
MB 460-1040795/7	Method Blank	105	112	107	101
MB 460-1040884/7	Method Blank	111	92	116	108
MB 460-1040885/8	Method Blank	112	116	112	101
MB 460-1041006/8	Method Blank	110	117	111	100
MB 460-1041007/9	Method Blank	102	87	103	100
MB 460-1041319/7	Method Blank	103	89	109	98

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)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-150)	(70-150)	(68-150)	(64-157)
460-326644-27	SRI-B1-4_17-19_20250519	124	126	113	114
460-326644-39	SRI-B2-3_13-15_20250519	123	125	114	114

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-150)	(70-150)	(68-150)	(64-157)
460-326644-41	SRI-B2-3_17-19_20250519	125	126	118	119
460-326694-11	SRI-B3-4_13-15_20250521	117	117	114	106
460-326756-3	SRI-B4-4_13-15_20250522	119	119	107	105
460-326756-13	SRI-B4-2B_18-20_20250522	134	107	122	109
460-326756-24	SRI-B4-3_13-15_20250522	124	120	113	111
460-326756-25	SRI-B4-3_15-17_20250522	118	125	112	116
LCS 460-1039663/3	Lab Control Sample	96	110	96	98
LCS 460-1039833/4	Lab Control Sample	97	114	98	102
LCS 460-1039921/7	Lab Control Sample	96	114	98	105
LCS 460-1041146/3	Lab Control Sample	103	101	104	101
LCSD 460-1039663/4	Lab Control Sample Dup	84	96	90	88
LCSD 460-1039833/5	Lab Control Sample Dup	98	115	99	104
LCSD 460-1039921/9	Lab Control Sample Dup	107	120	107	114
LCSD 460-1041146/4	Lab Control Sample Dup	106	101	106	101
MB 460-1039663/8	Method Blank	103	112	102	104
MB 460-1039833/9	Method Blank	96	112	95	101
MB 460-1039921/13	Method Blank	94	108	95	99
MB 460-1041146/9	Method Blank	108	100	106	99

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: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-326553-H-3 MS	Matrix Spike	100	96	107	99
460-326553-H-3 MSD	Matrix Spike Duplicate	100	100	106	98
460-326580-4	SRI-FB-3_20250520	100	96	106	97
460-326580-24	SRI-FB-4_20250520	101	97	108	98
460-326580-25	SRI-TB-3_20250520	101	97	107	98
460-326580-26	SRI-TB-4_20250520	102	95	105	97
460-326694-7	SRI-FB-5_20250521	99	102	125	100
460-326694-8	SRI-FB-6_20250521	98	98	126	97
460-326694-22	SRI-TB-5_20250521	100	98	121	97
460-326694-23	SRI-TB-6_20250521	104	97	124	96
460-326756-11	SRI-TB-7_20250522	98	96	99	102
460-326756-12	SRI-FB-7_20250522	98	97	99	103
LCS 460-1039512/2	Lab Control Sample	99	98	106	98
LCS 460-1039794/3	Lab Control Sample	96	108	113	102
LCS 460-1040671/4	Lab Control Sample	98	97	98	102
LCSD 460-1039794/4	Lab Control Sample Dup	96	105	114	105
LCSD 460-1040671/5	Lab Control Sample Dup	98	99	99	102
MB 460-1039512/8	Method Blank	100	94	106	96
MB 460-1039794/7	Method Blank	99	100	119	97
MB 460-1040671/9	Method Blank	98	96	98	102

Surrogate Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

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

Lab Sample ID: LB3 460-1038753/1-A
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038753

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/21/25 11:00	05/23/25 21:31	1

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

Lab Sample ID: LB3 460-1038753/1-A
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038753

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/21/25 11:00	05/23/25 21:31	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/21/25 11:00	05/23/25 21:31	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/21/25 11:00*	*05/23/25 21:31*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*05/21/25 11:00*	*05/23/25 21:31*	*1*
4-Bromofluorobenzene	*126*		*71 - 128*	*05/21/25 11:00*	*05/23/25 21:31*	*1*
Dibromofluoromethane (Surr)	*128*		*50 - 150*	*05/21/25 11:00*	*05/23/25 21:31*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*05/21/25 11:00*	*05/23/25 21:31*	*1*

Lab Sample ID: LB3 460-1038766/1-A
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 12:00	05/23/25 21:55	1

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

Lab Sample ID: LB3 460-1038766/1-A
Matrix: Solid
Analysis Batch: 1039310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/21/25 12:00	05/23/25 21:55	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/21/25 12:00	05/23/25 21:55	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/21/25 12:00*	*05/23/25 21:55*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/21/25 12:00*	*05/23/25 21:55*	*1*
4-Bromofluorobenzene	*115*		*71 - 128*	*05/21/25 12:00*	*05/23/25 21:55*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 12:00*	*05/23/25 21:55*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/21/25 12:00*	*05/23/25 21:55*	*1*

Lab Sample ID: 460-326644-20 MS
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: SRI-B1-1_3-5_20250519
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0011	U *	0.0269	0.0322		mg/Kg	☼	120	78 - 120
1,1,2,2-Tetrachloroethane	0.0011	U	0.0269	0.0175	*	mg/Kg	☼	65	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0269	0.0336	*	mg/Kg	☼	125	75 - 121
1,1,2-Trichloroethane	0.0011	U	0.0269	0.0207	*	mg/Kg	☼	77	80 - 120
1,1-Dichloroethane	0.0011	U	0.0269	0.0246		mg/Kg	☼	92	72 - 120

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

Lab Sample ID: 460-326644-20 MS
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: SRI-B1-1_3-5_20250519
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.0011	U *	0.0269	0.0297		mg/Kg	☼	111	76 - 120
1,2,3-Trichlorobenzene	0.0011	U	0.0269	0.0202	*	mg/Kg	☼	75	77 - 137
1,2,4-Trichlorobenzene	0.0011	U	0.0269	0.0209		mg/Kg	☼	78	77 - 136
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0269	0.0191	*	mg/Kg	☼	71	80 - 124
1,2-Dichlorobenzene	0.0011	U	0.0269	0.0228		mg/Kg	☼	85	80 - 120
1,2-Dichloroethane	0.0011	U	0.0269	0.0266		mg/Kg	☼	99	70 - 123
1,2-Dichloropropane	0.0011	U	0.0269	0.0211		mg/Kg	☼	79	73 - 124
1,3-Dichlorobenzene	0.0011	U	0.0269	0.0233		mg/Kg	☼	87	80 - 120
1,4-Dichlorobenzene	0.0011	U	0.0269	0.0240		mg/Kg	☼	89	80 - 120
2-Butanone (MEK)	0.0056	U	0.134	0.156		mg/Kg	☼	116	64 - 128
2-Hexanone	0.0056	U	0.134	0.127		mg/Kg	☼	94	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.134	0.129		mg/Kg	☼	96	80 - 120
Acetone	0.044		0.134	0.198		mg/Kg	☼	114	58 - 122
Acrolein	0.11	U	0.403	0.195	*	mg/Kg	☼	48	54 - 158
Acrylonitrile	0.011	U	0.269	0.229		mg/Kg	☼	85	56 - 120
Benzene	0.0011	U	0.0269	0.0225		mg/Kg	☼	84	75 - 120
Bromoform	0.0011	U	0.0269	0.0216		mg/Kg	☼	80	61 - 125
Bromomethane	0.0022	U	0.0269	0.0301		mg/Kg	☼	112	37 - 150
Carbon disulfide	0.0011	U	0.0269	0.0257		mg/Kg	☼	96	57 - 133
Carbon tetrachloride	0.0011	U *	0.0269	0.0330		mg/Kg	☼	123	66 - 127
Chlorobenzene	0.0011	U	0.0269	0.0245		mg/Kg	☼	91	80 - 120
Chlorobromomethane	0.0011	U	0.0269	0.0303		mg/Kg	☼	113	76 - 127
Chlorodibromomethane	0.0011	U	0.0269	0.0237		mg/Kg	☼	88	72 - 120
Chloroethane	0.0011	U	0.0269	0.0255		mg/Kg	☼	95	60 - 123
Chloroform	0.0011	U	0.0269	0.0280		mg/Kg	☼	104	79 - 126
Chloromethane	0.0011	U	0.0269	0.0219		mg/Kg	☼	82	46 - 122
cis-1,2-Dichloroethene	0.0011	U	0.0269	0.0266		mg/Kg	☼	99	80 - 123
cis-1,3-Dichloropropene	0.0011	U	0.0269	0.0208		mg/Kg	☼	77	75 - 120
Cyclohexane	0.0011	U	0.0269	0.0292		mg/Kg	☼	109	65 - 132
Dichlorobromomethane	0.0011	U	0.0269	0.0250		mg/Kg	☼	93	77 - 124
Dichlorodifluoromethane	0.0011	U *	0.0269	0.0362	*	mg/Kg	☼	135	45 - 129
Ethylbenzene	0.0011	U	0.0269	0.0248		mg/Kg	☼	92	80 - 120
Ethylene Dibromide	0.0011	U	0.0269	0.0221		mg/Kg	☼	82	79 - 120
Isopropylbenzene	0.0011	U	0.0269	0.0245		mg/Kg	☼	91	74 - 120
Methyl acetate	0.0056	U	0.0537	0.0710	*	mg/Kg	☼	132	57 - 120
Methyl tert-butyl ether	0.0011	U	0.0269	0.0242		mg/Kg	☼	90	74 - 125
Methylcyclohexane	0.0011	U	0.0269	0.0270		mg/Kg	☼	100	66 - 125
Methylene Chloride	0.0022	U	0.0269	0.0266		mg/Kg	☼	99	78 - 120
m-Xylene & p-Xylene	0.0011	U	0.0269	0.0239		mg/Kg	☼	89	80 - 120
o-Xylene	0.0011	U	0.0269	0.0249		mg/Kg	☼	93	80 - 120
Styrene	0.0011	U	0.0269	0.0229		mg/Kg	☼	85	80 - 120
TBA	0.14		0.269	0.326	*	mg/Kg	☼	68	79 - 120
Tetrachloroethene	0.0011	U *	0.0269	0.0283		mg/Kg	☼	105	73 - 120
Toluene	0.0011	U	0.0269	0.0229		mg/Kg	☼	85	80 - 120
trans-1,2-Dichloroethene	0.0011	U *	0.0269	0.0273		mg/Kg	☼	102	78 - 120
trans-1,3-Dichloropropene	0.0011	U	0.0269	0.0199	*	mg/Kg	☼	74	77 - 120
Trichloroethene	0.0011	U *	0.0269	0.0286		mg/Kg	☼	106	80 - 120
Trichlorofluoromethane	0.0011	U *	0.0269	0.0411	*	mg/Kg	☼	153	61 - 130
Vinyl chloride	0.0011	U	0.0269	0.0246		mg/Kg	☼	92	54 - 122

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

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		65 - 138
4-Bromofluorobenzene	106		71 - 128
Dibromofluoromethane (Surr)	112		50 - 150
Toluene-d8 (Surr)	94		71 - 126

Lab Sample ID: 460-326644-20 MSD — **Client Sample ID: SRI-B1-1_3-5_20250519**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1039470 — **Prep Batch: 1038766**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0011	U *	0.0268	0.0294		mg/Kg	☼	110	78 - 120	9	30
1,1,2,2-Tetrachloroethane	0.0011	U	0.0268	0.0153	*	mg/Kg	☼	57	70 - 133	13	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0268	0.0304		mg/Kg	☼	114	75 - 121	10	30
1,1,2-Trichloroethane	0.0011	U	0.0268	0.0183	*	mg/Kg	☼	68	80 - 120	13	30
1,1-Dichloroethane	0.0011	U	0.0268	0.0237		mg/Kg	☼	89	72 - 120	4	30
1,1-Dichloroethene	0.0011	U *	0.0268	0.0272		mg/Kg	☼	101	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0011	U	0.0268	0.0163	*	mg/Kg	☼	61	77 - 137	21	30
1,2,4-Trichlorobenzene	0.0011	U	0.0268	0.0174	*	mg/Kg	☼	65	77 - 136	18	30
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0268	0.0166	*	mg/Kg	☼	62	80 - 124	14	30
1,2-Dichlorobenzene	0.0011	U	0.0268	0.0206	*	mg/Kg	☼	77	80 - 120	10	30
1,2-Dichloroethane	0.0011	U	0.0268	0.0243		mg/Kg	☼	91	70 - 123	9	30
1,2-Dichloropropane	0.0011	U	0.0268	0.0214		mg/Kg	☼	80	73 - 124	1	30
1,3-Dichlorobenzene	0.0011	U	0.0268	0.0220		mg/Kg	☼	82	80 - 120	6	30
1,4-Dichlorobenzene	0.0011	U	0.0268	0.0225		mg/Kg	☼	84	80 - 120	7	30
2-Butanone (MEK)	0.0056	U	0.134	0.150		mg/Kg	☼	112	64 - 128	3	30
2-Hexanone	0.0056	U	0.134	0.120		mg/Kg	☼	90	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.134	0.124		mg/Kg	☼	93	80 - 120	4	30
Acetone	0.044		0.134	0.150		mg/Kg	☼	79	58 - 122	27	30
Acrolein	0.11	U	0.402	0.225		mg/Kg	☼	56	54 - 158	15	30
Acrylonitrile	0.011	U	0.268	0.216		mg/Kg	☼	81	56 - 120	6	30
Benzene	0.0011	U	0.0268	0.0214		mg/Kg	☼	80	75 - 120	5	30
Bromoform	0.0011	U	0.0268	0.0199		mg/Kg	☼	74	61 - 125	8	30
Bromomethane	0.0022	U	0.0268	0.0262		mg/Kg	☼	98	37 - 150	14	30
Carbon disulfide	0.0011	U	0.0268	0.0256		mg/Kg	☼	95	57 - 133	0	30
Carbon tetrachloride	0.0011	U *	0.0268	0.0312		mg/Kg	☼	116	66 - 127	6	30
Chlorobenzene	0.0011	U	0.0268	0.0231		mg/Kg	☼	86	80 - 120	6	30
Chlorobromomethane	0.0011	U	0.0268	0.0276		mg/Kg	☼	103	76 - 127	10	30
Chlorodibromomethane	0.0011	U	0.0268	0.0224		mg/Kg	☼	83	72 - 120	6	30
Chloroethane	0.0011	U	0.0268	0.0224		mg/Kg	☼	84	60 - 123	13	30
Chloroform	0.0011	U	0.0268	0.0263		mg/Kg	☼	98	79 - 126	6	30
Chloromethane	0.0011	U	0.0268	0.0179		mg/Kg	☼	67	46 - 122	20	30
cis-1,2-Dichloroethene	0.0011	U	0.0268	0.0266		mg/Kg	☼	99	80 - 123	0	30
cis-1,3-Dichloropropene	0.0011	U	0.0268	0.0203		mg/Kg	☼	76	75 - 120	2	30
Cyclohexane	0.0011	U	0.0268	0.0255		mg/Kg	☼	95	65 - 132	14	30
Dichlorobromomethane	0.0011	U	0.0268	0.0234		mg/Kg	☼	87	77 - 124	7	30
Dichlorodifluoromethane	0.0011	U *	0.0268	0.0290		mg/Kg	☼	108	45 - 129	22	30
Ethylbenzene	0.0011	U	0.0268	0.0235		mg/Kg	☼	88	80 - 120	6	30
Ethylene Dibromide	0.0011	U	0.0268	0.0191	*	mg/Kg	☼	71	79 - 120	14	30
Isopropylbenzene	0.0011	U	0.0268	0.0220		mg/Kg	☼	82	74 - 120	11	30
Methyl acetate	0.0056	U	0.0536	0.0388	*	mg/Kg	☼	72	57 - 120	59	30
Methyl tert-butyl ether	0.0011	U	0.0268	0.0223		mg/Kg	☼	83	74 - 125	8	30

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

Lab Sample ID: 460-326644-20 MSD
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: SRI-B1-1_3-5_20250519
Prep Type: Total/NA
Prep Batch: 1038766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane	0.0011	U	0.0268	0.0214		mg/Kg	☼	80	66 - 125	23	30
Methylene Chloride	0.0022	U	0.0268	0.0245		mg/Kg	☼	91	78 - 120	8	30
m-Xylene & p-Xylene	0.0011	U	0.0268	0.0223		mg/Kg	☼	83	80 - 120	7	30
o-Xylene	0.0011	U	0.0268	0.0227		mg/Kg	☼	85	80 - 120	9	30
Styrene	0.0011	U	0.0268	0.0220		mg/Kg	☼	82	80 - 120	4	30
TBA	0.14		0.268	0.259	*	mg/Kg	☼	43	79 - 120	23	30
Tetrachloroethene	0.0011	U *	0.0268	0.0271		mg/Kg	☼	101	73 - 120	4	30
Toluene	0.0011	U	0.0268	0.0214		mg/Kg	☼	80	80 - 120	7	30
trans-1,2-Dichloroethene	0.0011	U *	0.0268	0.0281		mg/Kg	☼	105	78 - 120	3	30
trans-1,3-Dichloropropene	0.0011	U	0.0268	0.0188	*	mg/Kg	☼	70	77 - 120	6	30
Trichloroethene	0.0011	U *	0.0268	0.0273		mg/Kg	☼	102	80 - 120	5	30
Trichlorofluoromethane	0.0011	U *	0.0268	0.0326		mg/Kg	☼	122	61 - 130	23	30
Vinyl chloride	0.0011	U	0.0268	0.0218		mg/Kg	☼	81	54 - 122	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*111*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LB3 460-1038815/1-A
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/21/25 17:31	05/25/25 08:15	1

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

Lab Sample ID: LB3 460-1038815/1-A
Matrix: Solid
Analysis Batch: 1039470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/21/25 17:31	05/25/25 08:15	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/21/25 17:31	05/25/25 08:15	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/21/25 17:31*	*05/25/25 08:15*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*	*05/21/25 17:31*	*05/25/25 08:15*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*05/21/25 17:31*	*05/25/25 08:15*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/21/25 17:31*	*05/25/25 08:15*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*	*05/21/25 17:31*	*05/25/25 08:15*	*1*

Lab Sample ID: 460-326580-17 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0011	U	0.0253	0.0258		mg/Kg	☼	102	78 - 120
1,1,2,2-Tetrachloroethane	0.0011	U	0.0253	0.0193		mg/Kg	☼	76	70 - 133

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

Lab Sample ID: 460-326580-17 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0253	0.0290		mg/Kg	☼	115	75 - 121
1,1,2-Trichloroethane	0.0011	U	0.0253	0.0227		mg/Kg	☼	90	80 - 120
1,1-Dichloroethane	0.0011	U *	0.0253	0.0281		mg/Kg	☼	111	72 - 120
1,1-Dichloroethene	0.0011	U	0.0253	0.0266		mg/Kg	☼	105	76 - 120
1,2,3-Trichlorobenzene	0.0011	U	0.0253	0.0174	*	mg/Kg	☼	69	77 - 137
1,2,4-Trichlorobenzene	0.0011	U	0.0253	0.0186	*	mg/Kg	☼	74	77 - 136
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0253	0.0173	*	mg/Kg	☼	68	80 - 124
1,2-Dichlorobenzene	0.0011	U	0.0253	0.0206		mg/Kg	☼	82	80 - 120
1,2-Dichloroethane	0.0011	U	0.0253	0.0249		mg/Kg	☼	99	70 - 123
1,2-Dichloropropane	0.0011	U	0.0253	0.0269		mg/Kg	☼	107	73 - 124
1,3-Dichlorobenzene	0.0011	U	0.0253	0.0217		mg/Kg	☼	86	80 - 120
1,4-Dichlorobenzene	0.0011	U	0.0253	0.0215		mg/Kg	☼	85	80 - 120
2-Butanone (MEK)	0.0055	U	0.126	0.113		mg/Kg	☼	90	64 - 128
2-Hexanone	0.0055	U	0.126	0.127		mg/Kg	☼	100	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.126	0.130		mg/Kg	☼	103	80 - 120
Acetone	0.0066	U	0.126	0.144		mg/Kg	☼	114	58 - 122
Acrolein	0.11	U	0.379	0.324		mg/Kg	☼	86	54 - 158
Acrylonitrile	0.011	U	0.253	0.284		mg/Kg	☼	112	56 - 120
Benzene	0.0011	U	0.0253	0.0252		mg/Kg	☼	100	75 - 120
Bromoform	0.0011	U	0.0253	0.0202		mg/Kg	☼	80	61 - 125
Bromomethane	0.0022	U	0.0253	0.0264		mg/Kg	☼	104	37 - 150
Carbon disulfide	0.0011	U	0.0253	0.0279		mg/Kg	☼	110	57 - 133
Carbon tetrachloride	0.0011	U	0.0253	0.0256		mg/Kg	☼	101	66 - 127
Chlorobenzene	0.0011	U	0.0253	0.0230		mg/Kg	☼	91	80 - 120
Chlorobromomethane	0.0011	U	0.0253	0.0241		mg/Kg	☼	95	76 - 127
Chlorodibromomethane	0.0011	U	0.0253	0.0215		mg/Kg	☼	85	72 - 120
Chloroethane	0.0011	U	0.0253	0.0252		mg/Kg	☼	100	60 - 123
Chloroform	0.0011	U	0.0253	0.0260		mg/Kg	☼	103	79 - 126
Chloromethane	0.0011	U	0.0253	0.0256		mg/Kg	☼	101	46 - 122
cis-1,2-Dichloroethene	0.0011	U	0.0253	0.0255		mg/Kg	☼	101	80 - 123
cis-1,3-Dichloropropene	0.0011	U	0.0253	0.0239		mg/Kg	☼	95	75 - 120
Cyclohexane	0.0011	U	0.0253	0.0256		mg/Kg	☼	101	65 - 132
Dichlorobromomethane	0.0011	U	0.0253	0.0236		mg/Kg	☼	94	77 - 124
Dichlorodifluoromethane	0.0011	U	0.0253	0.0243		mg/Kg	☼	96	45 - 129
Ethylbenzene	0.0011	U	0.0253	0.0233		mg/Kg	☼	92	80 - 120
Ethylene Dibromide	0.0011	U	0.0253	0.0217		mg/Kg	☼	86	79 - 120
Isopropylbenzene	0.0011	U	0.0253	0.0220		mg/Kg	☼	87	74 - 120
Methyl acetate	0.0055	U *	0.0506	0.0646	*	mg/Kg	☼	128	57 - 120
Methyl tert-butyl ether	0.0011	U	0.0253	0.0245		mg/Kg	☼	97	74 - 125
Methylcyclohexane	0.0011	U	0.0253	0.0224		mg/Kg	☼	89	66 - 125
Methylene Chloride	0.0022	U	0.0253	0.0262		mg/Kg	☼	104	78 - 120
m-Xylene & p-Xylene	0.0011	U	0.0253	0.0232		mg/Kg	☼	92	80 - 120
o-Xylene	0.0011	U	0.0253	0.0234		mg/Kg	☼	93	80 - 120
Styrene	0.0011	U	0.0253	0.0220		mg/Kg	☼	87	80 - 120
TBA	0.015		0.253	0.252		mg/Kg	☼	94	79 - 120
Tetrachloroethene	0.0011	U	0.0253	0.0246		mg/Kg	☼	97	73 - 120
Toluene	0.0011	U	0.0253	0.0234		mg/Kg	☼	93	80 - 120
trans-1,2-Dichloroethene	0.0011	U *	0.0253	0.0268		mg/Kg	☼	106	78 - 120

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

Lab Sample ID: 460-326580-17 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0011	U	0.0253	0.0219		mg/Kg	☼	87	77 - 120
Trichloroethene	0.0011	U	0.0253	0.0274		mg/Kg	☼	108	80 - 120
Trichlorofluoromethane	0.0011	U	0.0253	0.0229		mg/Kg	☼	90	61 - 130
Vinyl chloride	0.0011	U	0.0253	0.0241		mg/Kg	☼	95	54 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*
4-Bromofluorobenzene	*111*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 460-326580-17 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0011	U	0.0206	0.0205		mg/Kg	☼	99	78 - 120	23	30
1,1,2,2-Tetrachloroethane	0.0011	U	0.0206	0.0143		mg/Kg	☼	70	70 - 133	29	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U *	0.0206	0.0228		mg/Kg	☼	111	75 - 121	24	30
1,1,2-Trichloroethane	0.0011	U	0.0206	0.0180		mg/Kg	☼	87	80 - 120	23	30
1,1-Dichloroethane	0.0011	U *	0.0206	0.0223		mg/Kg	☼	108	72 - 120	23	30
1,1-Dichloroethene	0.0011	U	0.0206	0.0215		mg/Kg	☼	105	76 - 120	21	30
1,2,3-Trichlorobenzene	0.0011	U	0.0206	0.0142	*	mg/Kg	☼	69	77 - 137	20	30
1,2,4-Trichlorobenzene	0.0011	U	0.0206	0.0153	*	mg/Kg	☼	74	77 - 136	20	30
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0206	0.0133	*	mg/Kg	☼	64	80 - 124	26	30
1,2-Dichlorobenzene	0.0011	U	0.0206	0.0165		mg/Kg	☼	80	80 - 120	22	30
1,2-Dichloroethane	0.0011	U	0.0206	0.0197		mg/Kg	☼	96	70 - 123	24	30
1,2-Dichloropropane	0.0011	U	0.0206	0.0215		mg/Kg	☼	105	73 - 124	22	30
1,3-Dichlorobenzene	0.0011	U	0.0206	0.0173		mg/Kg	☼	84	80 - 120	23	30
1,4-Dichlorobenzene	0.0011	U	0.0206	0.0175		mg/Kg	☼	85	80 - 120	20	30
2-Butanone (MEK)	0.0055	U	0.103	0.0884		mg/Kg	☼	86	64 - 128	25	30
2-Hexanone	0.0055	U	0.103	0.102		mg/Kg	☼	99	75 - 120	22	30
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.103	0.102		mg/Kg	☼	99	80 - 120	24	30
Acetone	0.0066	U	0.103	0.111		mg/Kg	☼	107	58 - 122	26	30
Acrolein	0.11	U	0.309	0.243		mg/Kg	☼	79	54 - 158	29	30
Acrylonitrile	0.011	U	0.206	0.223		mg/Kg	☼	108	56 - 120	24	30
Benzene	0.0011	U	0.0206	0.0206		mg/Kg	☼	100	75 - 120	20	30
Bromoform	0.0011	U	0.0206	0.0157		mg/Kg	☼	76	61 - 125	25	30
Bromomethane	0.0022	U	0.0206	0.0200		mg/Kg	☼	97	37 - 150	28	30
Carbon disulfide	0.0011	U	0.0206	0.0228		mg/Kg	☼	111	57 - 133	20	30
Carbon tetrachloride	0.0011	U	0.0206	0.0204		mg/Kg	☼	99	66 - 127	22	30
Chlorobenzene	0.0011	U	0.0206	0.0185		mg/Kg	☼	90	80 - 120	22	30
Chlorobromomethane	0.0011	U	0.0206	0.0197		mg/Kg	☼	96	76 - 127	20	30
Chlorodibromomethane	0.0011	U	0.0206	0.0172		mg/Kg	☼	84	72 - 120	22	30
Chloroethane	0.0011	U	0.0206	0.0196		mg/Kg	☼	95	60 - 123	25	30
Chloroform	0.0011	U	0.0206	0.0205		mg/Kg	☼	100	79 - 126	23	30
Chloromethane	0.0011	U	0.0206	0.0196		mg/Kg	☼	95	46 - 122	26	30
cis-1,2-Dichloroethene	0.0011	U	0.0206	0.0207		mg/Kg	☼	100	80 - 123	21	30

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

Lab Sample ID: 460-326580-17 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A2-3_3-5_20250520
Prep Type: Total/NA
Prep Batch: 1038815

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.0011	U	0.0206	0.0194		mg/Kg	☼	94	75 - 120	21	30
Cyclohexane	0.0011	U	0.0206	0.0207		mg/Kg	☼	101	65 - 132	21	30
Dichlorobromomethane	0.0011	U	0.0206	0.0188		mg/Kg	☼	92	77 - 124	23	30
Dichlorodifluoromethane	0.0011	U	0.0206	0.0183		mg/Kg	☼	89	45 - 129	28	30
Ethylbenzene	0.0011	U	0.0206	0.0186		mg/Kg	☼	91	80 - 120	22	30
Ethylene Dibromide	0.0011	U	0.0206	0.0176		mg/Kg	☼	85	79 - 120	21	30
Isopropylbenzene	0.0011	U	0.0206	0.0177		mg/Kg	☼	86	74 - 120	22	30
Methyl acetate	0.0055	U *	0.0412	0.0460	*	mg/Kg	☼	112	57 - 120	34	30
Methyl tert-butyl ether	0.0011	U	0.0206	0.0195		mg/Kg	☼	95	74 - 125	23	30
Methylcyclohexane	0.0011	U	0.0206	0.0182		mg/Kg	☼	88	66 - 125	21	30
Methylene Chloride	0.0022	U	0.0206	0.0217		mg/Kg	☼	105	78 - 120	19	30
m-Xylene & p-Xylene	0.0011	U	0.0206	0.0182		mg/Kg	☼	89	80 - 120	24	30
o-Xylene	0.0011	U	0.0206	0.0187		mg/Kg	☼	91	80 - 120	22	30
Styrene	0.0011	U	0.0206	0.0173		mg/Kg	☼	84	80 - 120	24	30
TBA	0.015		0.206	0.201		mg/Kg	☼	90	79 - 120	23	30
Tetrachloroethene	0.0011	U	0.0206	0.0199		mg/Kg	☼	97	73 - 120	21	30
Toluene	0.0011	U	0.0206	0.0189		mg/Kg	☼	92	80 - 120	22	30
trans-1,2-Dichloroethene	0.0011	U *	0.0206	0.0214		mg/Kg	☼	104	78 - 120	22	30
trans-1,3-Dichloropropene	0.0011	U	0.0206	0.0175		mg/Kg	☼	85	77 - 120	23	30
Trichloroethene	0.0011	U	0.0206	0.0224		mg/Kg	☼	109	80 - 120	20	30
Trichlorofluoromethane	0.0011	U	0.0206	0.0179		mg/Kg	☼	87	61 - 130	24	30
Vinyl chloride	0.0011	U	0.0206	0.0190		mg/Kg	☼	92	54 - 122	24	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*111*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: LB3 460-1038832/1-A
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038832

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 18:33	05/25/25 20:07	1

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

Lab Sample ID: LB3 460-1038832/1-A
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038832

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/21/25 18:33	05/25/25 20:07	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/21/25 18:33	05/25/25 20:07	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/21/25 18:33*	*05/25/25 20:07*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/21/25 18:33*	*05/25/25 20:07*	*1*
4-Bromofluorobenzene	*111*		*71 - 128*	*05/21/25 18:33*	*05/25/25 20:07*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*	*05/21/25 18:33*	*05/25/25 20:07*	*1*

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

Lab Sample ID: LB3 460-1038832/1-A
Matrix: Solid
Analysis Batch: 1039554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1038832

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		71 - 126	05/21/25 18:33	05/25/25 20:07	1

Lab Sample ID: 460-326580-22 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A3-3_13-15_20250520
Prep Type: Total/NA
Prep Batch: 1038848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0012	U *	0.0270	0.0262		mg/Kg	☼	97	78 - 120
1,1,2,2-Tetrachloroethane	0.0012	U	0.0270	0.0194		mg/Kg	☼	72	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0270	0.0304		mg/Kg	☼	113	75 - 121
1,1,2-Trichloroethane	0.0012	U	0.0270	0.0236		mg/Kg	☼	87	80 - 120
1,1-Dichloroethane	0.0012	U	0.0270	0.0290		mg/Kg	☼	107	72 - 120
1,1-Dichloroethene	0.0012	U	0.0270	0.0268		mg/Kg	☼	99	76 - 120
1,2,3-Trichlorobenzene	0.0012	U	0.0270	0.0266		mg/Kg	☼	98	77 - 137
1,2,4-Trichlorobenzene	0.0012	U	0.0270	0.0272		mg/Kg	☼	101	77 - 136
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0270	0.0190	*	mg/Kg	☼	70	80 - 124
1,2-Dichlorobenzene	0.0012	U	0.0270	0.0243		mg/Kg	☼	90	80 - 120
1,2-Dichloroethane	0.0012	U	0.0270	0.0253		mg/Kg	☼	94	70 - 123
1,2-Dichloropropane	0.0012	U	0.0270	0.0281		mg/Kg	☼	104	73 - 124
1,3-Dichlorobenzene	0.0012	U	0.0270	0.0249		mg/Kg	☼	92	80 - 120
1,4-Dichlorobenzene	0.0012	U	0.0270	0.0251		mg/Kg	☼	93	80 - 120
2-Butanone (MEK)	0.0062	U *	0.135	0.110		mg/Kg	☼	82	64 - 128
2-Hexanone	0.0062	U	0.135	0.122		mg/Kg	☼	91	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.135	0.122		mg/Kg	☼	90	80 - 120
Acetone	0.039		0.135	0.174		mg/Kg	☼	100	58 - 122
Acrolein	0.12	U	0.405	0.287		mg/Kg	☼	71	54 - 158
Acrylonitrile	0.012	U	0.270	0.247		mg/Kg	☼	92	56 - 120
Benzene	0.0012	U	0.0270	0.0258		mg/Kg	☼	96	75 - 120
Bromoform	0.0012	U	0.0270	0.0218		mg/Kg	☼	81	61 - 125
Bromomethane	0.0025	U	0.0270	0.0249		mg/Kg	☼	92	37 - 150
Carbon disulfide	0.0012	U	0.0270	0.0300		mg/Kg	☼	111	57 - 133
Carbon tetrachloride	0.0012	U	0.0270	0.0268		mg/Kg	☼	99	66 - 127
Chlorobenzene	0.0012	U	0.0270	0.0242		mg/Kg	☼	90	80 - 120
Chlorobromomethane	0.0012	U	0.0270	0.0260		mg/Kg	☼	96	76 - 127
Chlorodibromomethane	0.0012	U	0.0270	0.0220		mg/Kg	☼	81	72 - 120
Chloroethane	0.0012	U	0.0270	0.0243		mg/Kg	☼	90	60 - 123
Chloroform	0.0012	U	0.0270	0.0269		mg/Kg	☼	100	79 - 126
Chloromethane	0.0012	U	0.0270	0.0245		mg/Kg	☼	91	46 - 122
cis-1,2-Dichloroethene	0.0012	U	0.0270	0.0265		mg/Kg	☼	98	80 - 123
cis-1,3-Dichloropropene	0.0012	U	0.0270	0.0245		mg/Kg	☼	91	75 - 120
Cyclohexane	0.0012	U	0.0270	0.0291		mg/Kg	☼	108	65 - 132
Dichlorobromomethane	0.0012	U	0.0270	0.0239		mg/Kg	☼	89	77 - 124
Dichlorodifluoromethane	0.0012	U	0.0270	0.0234		mg/Kg	☼	87	45 - 129
Ethylbenzene	0.0012	U	0.0270	0.0248		mg/Kg	☼	92	80 - 120
Ethylene Dibromide	0.0012	U	0.0270	0.0237		mg/Kg	☼	88	79 - 120
Isopropylbenzene	0.0012	U	0.0270	0.0250		mg/Kg	☼	92	74 - 120
Methyl acetate	0.0062	U	0.0540	0.0644		mg/Kg	☼	119	57 - 120
Methyl tert-butyl ether	0.0012	U	0.0270	0.0257		mg/Kg	☼	95	74 - 125

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

Lab Sample ID: 460-326580-22 MS
Client Sample ID: SRI-A3-3_13-15_20250520
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040663
Prep Batch: 1038848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0012	U	0.0270	0.0280		mg/Kg	☼	104	66 - 125
Methylene Chloride	0.0025	U	0.0270	0.0271		mg/Kg	☼	100	78 - 120
m-Xylene & p-Xylene	0.0012	U	0.0270	0.0237		mg/Kg	☼	88	80 - 120
o-Xylene	0.0012	U	0.0270	0.0244		mg/Kg	☼	91	80 - 120
Styrene	0.0012	U	0.0270	0.0235		mg/Kg	☼	87	80 - 120
TBA	0.12		0.270	0.357		mg/Kg	☼	89	79 - 120
Tetrachloroethene	0.0012	U	0.0270	0.0268		mg/Kg	☼	99	73 - 120
Toluene	0.0012	U	0.0270	0.0243		mg/Kg	☼	90	80 - 120
trans-1,2-Dichloroethene	0.0012	U	0.0270	0.0278		mg/Kg	☼	103	78 - 120
trans-1,3-Dichloropropene	0.0012	U	0.0270	0.0231		mg/Kg	☼	85	77 - 120
Trichloroethene	0.0012	U	0.0270	0.0295		mg/Kg	☼	109	80 - 120
Trichlorofluoromethane	0.0012	U	0.0270	0.0221		mg/Kg	☼	82	61 - 130
Vinyl chloride	0.0012	U	0.0270	0.0239		mg/Kg	☼	89	54 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*
4-Bromofluorobenzene	*125*		*71 - 128*
Dibromofluoromethane (Surr)	*121*		*50 - 150*
Toluene-d8 (Surr)	*113*		*71 - 126*

Lab Sample ID: 460-326580-22 MSD
Client Sample ID: SRI-A3-3_13-15_20250520
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040663
Prep Batch: 1038848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0012	U *	0.0259	0.0249		mg/Kg	☼	96	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0012	U	0.0259	0.0189		mg/Kg	☼	73	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U *	0.0259	0.0302		mg/Kg	☼	117	75 - 121	1	30
1,1,2-Trichloroethane	0.0012	U	0.0259	0.0220		mg/Kg	☼	85	80 - 120	7	30
1,1-Dichloroethane	0.0012	U	0.0259	0.0268		mg/Kg	☼	104	72 - 120	8	30
1,1-Dichloroethene	0.0012	U	0.0259	0.0264		mg/Kg	☼	102	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0012	U	0.0259	0.0251		mg/Kg	☼	97	77 - 137	6	30
1,2,4-Trichlorobenzene	0.0012	U	0.0259	0.0260		mg/Kg	☼	101	77 - 136	5	30
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0259	0.0187	*	mg/Kg	☼	72	80 - 124	2	30
1,2-Dichlorobenzene	0.0012	U	0.0259	0.0226		mg/Kg	☼	87	80 - 120	7	30
1,2-Dichloroethane	0.0012	U	0.0259	0.0244		mg/Kg	☼	94	70 - 123	4	30
1,2-Dichloropropane	0.0012	U	0.0259	0.0267		mg/Kg	☼	103	73 - 124	5	30
1,3-Dichlorobenzene	0.0012	U	0.0259	0.0239		mg/Kg	☼	92	80 - 120	4	30
1,4-Dichlorobenzene	0.0012	U	0.0259	0.0238		mg/Kg	☼	92	80 - 120	6	30
2-Butanone (MEK)	0.0062	U *	0.129	0.107		mg/Kg	☼	83	64 - 128	3	30
2-Hexanone	0.0062	U	0.129	0.113		mg/Kg	☼	88	75 - 120	8	30
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.129	0.114		mg/Kg	☼	88	80 - 120	7	30
Acetone	0.039		0.129	0.141		mg/Kg	☼	79	58 - 122	21	30
Acrolein	0.12	U	0.388	0.282		mg/Kg	☼	73	54 - 158	2	30
Acrylonitrile	0.012	U	0.259	0.266		mg/Kg	☼	103	56 - 120	7	30
Benzene	0.0012	U	0.0259	0.0236		mg/Kg	☼	91	75 - 120	9	30
Bromoform	0.0012	U	0.0259	0.0207		mg/Kg	☼	80	61 - 125	5	30
Bromomethane	0.0025	U	0.0259	0.0252		mg/Kg	☼	97	37 - 150	1	30

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

Lab Sample ID: 460-326580-22 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A3-3_13-15_20250520
Prep Type: Total/NA
Prep Batch: 1038848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide	0.0012	U	0.0259	0.0289		mg/Kg	☼	112	57 - 133	4	30
Carbon tetrachloride	0.0012	U	0.0259	0.0253		mg/Kg	☼	98	66 - 127	6	30
Chlorobenzene	0.0012	U	0.0259	0.0229		mg/Kg	☼	88	80 - 120	6	30
Chlorobromomethane	0.0012	U	0.0259	0.0248		mg/Kg	☼	96	76 - 127	5	30
Chlorodibromomethane	0.0012	U	0.0259	0.0208		mg/Kg	☼	80	72 - 120	6	30
Chloroethane	0.0012	U	0.0259	0.0255		mg/Kg	☼	99	60 - 123	5	30
Chloroform	0.0012	U	0.0259	0.0248		mg/Kg	☼	96	79 - 126	8	30
Chloromethane	0.0012	U	0.0259	0.0253		mg/Kg	☼	98	46 - 122	4	30
cis-1,2-Dichloroethene	0.0012	U	0.0259	0.0255		mg/Kg	☼	99	80 - 123	4	30
cis-1,3-Dichloropropene	0.0012	U	0.0259	0.0235		mg/Kg	☼	91	75 - 120	4	30
Cyclohexane	0.0012	U	0.0259	0.0284		mg/Kg	☼	110	65 - 132	2	30
Dichlorobromomethane	0.0012	U	0.0259	0.0234		mg/Kg	☼	90	77 - 124	2	30
Dichlorodifluoromethane	0.0012	U	0.0259	0.0239		mg/Kg	☼	93	45 - 129	2	30
Ethylbenzene	0.0012	U	0.0259	0.0229		mg/Kg	☼	88	80 - 120	8	30
Ethylene Dibromide	0.0012	U	0.0259	0.0221		mg/Kg	☼	85	79 - 120	7	30
Isopropylbenzene	0.0012	U	0.0259	0.0230		mg/Kg	☼	89	74 - 120	8	30
Methyl acetate	0.0062	U	0.0517	0.0554		mg/Kg	☼	107	57 - 120	15	30
Methyl tert-butyl ether	0.0012	U	0.0259	0.0239		mg/Kg	☼	92	74 - 125	7	30
Methylcyclohexane	0.0012	U	0.0259	0.0280		mg/Kg	☼	108	66 - 125	0	30
Methylene Chloride	0.0025	U	0.0259	0.0256		mg/Kg	☼	99	78 - 120	6	30
m-Xylene & p-Xylene	0.0012	U	0.0259	0.0226		mg/Kg	☼	87	80 - 120	5	30
o-Xylene	0.0012	U	0.0259	0.0232		mg/Kg	☼	90	80 - 120	5	30
Styrene	0.0012	U	0.0259	0.0223		mg/Kg	☼	86	80 - 120	5	30
TBA	0.12		0.259	0.297	*	mg/Kg	☼	70	79 - 120	18	30
Tetrachloroethene	0.0012	U	0.0259	0.0245		mg/Kg	☼	95	73 - 120	9	30
Toluene	0.0012	U	0.0259	0.0222		mg/Kg	☼	86	80 - 120	9	30
trans-1,2-Dichloroethene	0.0012	U	0.0259	0.0258		mg/Kg	☼	100	78 - 120	7	30
trans-1,3-Dichloropropene	0.0012	U	0.0259	0.0212		mg/Kg	☼	82	77 - 120	8	30
Trichloroethene	0.0012	U	0.0259	0.0278		mg/Kg	☼	107	80 - 120	6	30
Trichlorofluoromethane	0.0012	U	0.0259	0.0237		mg/Kg	☼	91	61 - 130	7	30
Vinyl chloride	0.0012	U	0.0259	0.0246		mg/Kg	☼	95	54 - 122	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*107*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LB3 460-1039184/1-A
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:19	05/27/25 01:50	1

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

Lab Sample ID: LB3 460-1039184/1-A
Matrix: Solid
Analysis Batch: 1039604

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/23/25 07:19	05/27/25 01:50	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/23/25 07:19	05/27/25 01:50	1

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

Tentatively Identified Compound	LB3 Est. Result	LB3 Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg			N/A	05/23/25 07:19	05/27/25 01:50	1

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		65 - 138	05/23/25 07:19	05/27/25 01:50	1
4-Bromofluorobenzene	79		71 - 128	05/23/25 07:19	05/27/25 01:50	1
Dibromofluoromethane (Surr)	105		50 - 150	05/23/25 07:19	05/27/25 01:50	1
Toluene-d8 (Surr)	89		71 - 126	05/23/25 07:19	05/27/25 01:50	1

Lab Sample ID: 460-326694-4 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A4-3_8-10_20250521
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0013	U	0.0223	0.0217		mg/Kg	☼	97	78 - 120
1,1,2,2-Tetrachloroethane	0.0013	U	0.0223	0.00999	*	mg/Kg	☼	45	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0223	0.0239		mg/Kg	☼	107	75 - 121
1,1,2-Trichloroethane	0.0013	U	0.0223	0.0192		mg/Kg	☼	86	80 - 120
1,1-Dichloroethane	0.0013	U	0.0223	0.0234		mg/Kg	☼	105	72 - 120
1,1-Dichloroethene	0.0013	U	0.0223	0.0200		mg/Kg	☼	90	76 - 120
1,2,3-Trichlorobenzene	0.0013	U	0.0223	0.00936	*	mg/Kg	☼	42	77 - 137
1,2,4-Trichlorobenzene	0.0013	U	0.0223	0.00963	*	mg/Kg	☼	43	77 - 136
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0223	0.0145	*	mg/Kg	☼	65	80 - 124
1,2-Dichlorobenzene	0.0013	U	0.0223	0.0141	*	mg/Kg	☼	63	80 - 120
1,2-Dichloroethane	0.0013	U	0.0223	0.0204		mg/Kg	☼	92	70 - 123
1,2-Dichloropropane	0.0013	U	0.0223	0.0231		mg/Kg	☼	104	73 - 124
1,3-Dichlorobenzene	0.0013	U	0.0223	0.0147	*	mg/Kg	☼	66	80 - 120
1,4-Dichlorobenzene	0.0013	U	0.0223	0.0144	*	mg/Kg	☼	64	80 - 120
2-Butanone (MEK)	0.0065	U	0.111	0.0941		mg/Kg	☼	85	64 - 128
2-Hexanone	0.0065	U	0.111	0.104		mg/Kg	☼	93	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.111	0.112		mg/Kg	☼	101	80 - 120
Acetone	0.022		0.111	0.170	*	mg/Kg	☼	133	58 - 122
Acrolein	0.13	U	0.334	0.117	*	mg/Kg	☼	35	54 - 158
Acrylonitrile	0.013	U	0.223	0.224		mg/Kg	☼	101	56 - 120
Benzene	0.0013	U	0.0223	0.0207		mg/Kg	☼	93	75 - 120
Bromoform	0.0013	U	0.0223	0.0172		mg/Kg	☼	77	61 - 125
Bromomethane	0.0026	U	0.0223	0.0187		mg/Kg	☼	84	37 - 150
Carbon disulfide	0.0013	U	0.0223	0.0147		mg/Kg	☼	66	57 - 133
Carbon tetrachloride	0.0013	U	0.0223	0.0216		mg/Kg	☼	97	66 - 127
Chlorobenzene	0.0013	U	0.0223	0.0178		mg/Kg	☼	80	80 - 120
Chlorobromomethane	0.0013	U	0.0223	0.0201		mg/Kg	☼	90	76 - 127
Chlorodibromomethane	0.0013	U	0.0223	0.0178		mg/Kg	☼	80	72 - 120
Chloroethane	0.0013	U	0.0223	0.0203		mg/Kg	☼	91	60 - 123
Chloroform	0.0013	U	0.0223	0.0223		mg/Kg	☼	100	79 - 126
Chloromethane	0.0013	U	0.0223	0.0179		mg/Kg	☼	80	46 - 122
cis-1,2-Dichloroethene	0.0013	U	0.0223	0.0204		mg/Kg	☼	92	80 - 123
cis-1,3-Dichloropropene	0.0013	U	0.0223	0.0185		mg/Kg	☼	83	75 - 120
Cyclohexane	0.0013	U	0.0223	0.0188		mg/Kg	☼	84	65 - 132
Dichlorobromomethane	0.0013	U	0.0223	0.0201		mg/Kg	☼	90	77 - 124
Dichlorodifluoromethane	0.0013	U	0.0223	0.0185		mg/Kg	☼	83	45 - 129
Ethylbenzene	0.0013	U	0.0223	0.0184		mg/Kg	☼	83	80 - 120

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

Lab Sample ID: 460-326694-4 MS
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A4-3_8-10_20250521
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	0.0013	U	0.0223	0.0180		mg/Kg	☼	81	79 - 120
Isopropylbenzene	0.0013	U	0.0223	0.0174		mg/Kg	☼	78	74 - 120
Methyl acetate	0.0065	U *	0.0445	0.0666	*	mg/Kg	☼	149	57 - 120
Methyl tert-butyl ether	0.0013	U	0.0223	0.0213		mg/Kg	☼	96	74 - 125
Methylcyclohexane	0.0013	U	0.0223	0.0165		mg/Kg	☼	74	66 - 125
Methylene Chloride	0.0026	U	0.0223	0.0212		mg/Kg	☼	95	78 - 120
m-Xylene & p-Xylene	0.0013	U	0.0223	0.0180		mg/Kg	☼	81	80 - 120
o-Xylene	0.0013	U	0.0223	0.0182		mg/Kg	☼	82	80 - 120
Styrene	0.0013	U	0.0223	0.0156	*	mg/Kg	☼	70	80 - 120
TBA	0.039		0.223	0.244		mg/Kg	☼	92	79 - 120
Tetrachloroethene	0.0013	U	0.0223	0.0192		mg/Kg	☼	86	73 - 120
Toluene	0.0013	U	0.0223	0.0189		mg/Kg	☼	85	80 - 120
trans-1,2-Dichloroethene	0.0013	U	0.0223	0.0192		mg/Kg	☼	86	78 - 120
trans-1,3-Dichloropropene	0.0013	U	0.0223	0.0164	*	mg/Kg	☼	74	77 - 120
Trichloroethene	0.0013	U	0.0223	0.0277	*	mg/Kg	☼	124	80 - 120
Trichlorofluoromethane	0.0013	U	0.0223	0.0209		mg/Kg	☼	94	61 - 130
Vinyl chloride	0.0013	U	0.0223	0.0192		mg/Kg	☼	86	54 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: 460-326694-4 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A4-3_8-10_20250521
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0013	U	0.0270	0.0257		mg/Kg	☼	95	78 - 120	17	30
1,1,2,2-Tetrachloroethane	0.0013	U	0.0270	0.0111	*	mg/Kg	☼	41	70 - 133	10	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0270	0.0282		mg/Kg	☼	105	75 - 121	17	30
1,1,2-Trichloroethane	0.0013	U	0.0270	0.0233		mg/Kg	☼	87	80 - 120	19	30
1,1-Dichloroethane	0.0013	U	0.0270	0.0276		mg/Kg	☼	102	72 - 120	16	30
1,1-Dichloroethene	0.0013	U	0.0270	0.0243		mg/Kg	☼	90	76 - 120	19	30
1,2,3-Trichlorobenzene	0.0013	U	0.0270	0.0140	*	mg/Kg	☼	52	77 - 137	39	30
1,2,4-Trichlorobenzene	0.0013	U	0.0270	0.0143	*	mg/Kg	☼	53	77 - 136	39	30
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0270	0.0172	*	mg/Kg	☼	64	80 - 124	17	30
1,2-Dichlorobenzene	0.0013	U	0.0270	0.0191	*	mg/Kg	☼	71	80 - 120	31	30
1,2-Dichloroethane	0.0013	U	0.0270	0.0246		mg/Kg	☼	91	70 - 123	19	30
1,2-Dichloropropane	0.0013	U	0.0270	0.0276		mg/Kg	☼	102	73 - 124	18	30
1,3-Dichlorobenzene	0.0013	U	0.0270	0.0191	*	mg/Kg	☼	71	80 - 120	26	30
1,4-Dichlorobenzene	0.0013	U	0.0270	0.0181	*	mg/Kg	☼	67	80 - 120	23	30
2-Butanone (MEK)	0.0065	U	0.135	0.108		mg/Kg	☼	80	64 - 128	14	30
2-Hexanone	0.0065	U	0.135	0.124		mg/Kg	☼	92	75 - 120	18	30
4-Methyl-2-pentanone (MIBK)	0.0065	U	0.135	0.130		mg/Kg	☼	97	80 - 120	15	30
Acetone	0.022		0.135	0.185		mg/Kg	☼	121	58 - 122	9	30
Acrolein	0.13	U	0.405	0.167	*	mg/Kg	☼	41	54 - 158	35	30

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

Lab Sample ID: 460-326694-4 MSD
Matrix: Solid
Analysis Batch: 1040663

Client Sample ID: SRI-A4-3_8-10_20250521
Prep Type: Total/NA
Prep Batch: 1039184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acrylonitrile	0.013	U	0.270	0.272		mg/Kg	☼	101	56 - 120	19	30
Benzene	0.0013	U	0.0270	0.0243		mg/Kg	☼	90	75 - 120	16	30
Bromoform	0.0013	U	0.0270	0.0205		mg/Kg	☼	76	61 - 125	17	30
Bromomethane	0.0026	U	0.0270	0.0233		mg/Kg	☼	86	37 - 150	22	30
Carbon disulfide	0.0013	U	0.0270	0.0179		mg/Kg	☼	66	57 - 133	20	30
Carbon tetrachloride	0.0013	U	0.0270	0.0253		mg/Kg	☼	94	66 - 127	15	30
Chlorobenzene	0.0013	U	0.0270	0.0221		mg/Kg	☼	82	80 - 120	22	30
Chlorobromomethane	0.0013	U	0.0270	0.0233		mg/Kg	☼	86	76 - 127	14	30
Chlorodibromomethane	0.0013	U	0.0270	0.0222		mg/Kg	☼	82	72 - 120	22	30
Chloroethane	0.0013	U	0.0270	0.0256		mg/Kg	☼	95	60 - 123	23	30
Chloroform	0.0013	U	0.0270	0.0268		mg/Kg	☼	99	79 - 126	18	30
Chloromethane	0.0013	U	0.0270	0.0222		mg/Kg	☼	82	46 - 122	21	30
cis-1,2-Dichloroethene	0.0013	U	0.0270	0.0245		mg/Kg	☼	91	80 - 123	19	30
cis-1,3-Dichloropropene	0.0013	U	0.0270	0.0220		mg/Kg	☼	81	75 - 120	17	30
Cyclohexane	0.0013	U	0.0270	0.0227		mg/Kg	☼	84	65 - 132	19	30
Dichlorobromomethane	0.0013	U	0.0270	0.0243		mg/Kg	☼	90	77 - 124	19	30
Dichlorodifluoromethane	0.0013	U	0.0270	0.0215		mg/Kg	☼	80	45 - 129	15	30
Ethylbenzene	0.0013	U	0.0270	0.0228		mg/Kg	☼	84	80 - 120	21	30
Ethylene Dibromide	0.0013	U	0.0270	0.0214		mg/Kg	☼	79	79 - 120	17	30
Isopropylbenzene	0.0013	U	0.0270	0.0219		mg/Kg	☼	81	74 - 120	23	30
Methyl acetate	0.0065	U *	0.0540	0.0704	*	mg/Kg	☼	130	57 - 120	6	30
Methyl tert-butyl ether	0.0013	U	0.0270	0.0244		mg/Kg	☼	91	74 - 125	14	30
Methylcyclohexane	0.0013	U	0.0270	0.0202		mg/Kg	☼	75	66 - 125	20	30
Methylene Chloride	0.0026	U	0.0270	0.0254		mg/Kg	☼	94	78 - 120	18	30
m-Xylene & p-Xylene	0.0013	U	0.0270	0.0215		mg/Kg	☼	80	80 - 120	18	30
o-Xylene	0.0013	U	0.0270	0.0221		mg/Kg	☼	82	80 - 120	19	30
Styrene	0.0013	U	0.0270	0.0202	*	mg/Kg	☼	75	80 - 120	25	30
TBA	0.039		0.270	0.281		mg/Kg	☼	90	79 - 120	14	30
Tetrachloroethene	0.0013	U	0.0270	0.0233		mg/Kg	☼	86	73 - 120	19	30
Toluene	0.0013	U	0.0270	0.0229		mg/Kg	☼	85	80 - 120	19	30
trans-1,2-Dichloroethene	0.0013	U	0.0270	0.0225		mg/Kg	☼	84	78 - 120	16	30
trans-1,3-Dichloropropene	0.0013	U	0.0270	0.0197	*	mg/Kg	☼	73	77 - 120	18	30
Trichloroethene	0.0013	U	0.0270	0.0338	*	mg/Kg	☼	125	80 - 120	20	30
Trichlorofluoromethane	0.0013	U	0.0270	0.0257		mg/Kg	☼	95	61 - 130	20	30
Vinyl chloride	0.0013	U	0.0270	0.0227		mg/Kg	☼	84	54 - 122	17	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*112*		*50 - 150*
Toluene-d8 (Surr)	*106*		*71 - 126*

Lab Sample ID: LB3 460-1039187/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039187

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:52	05/26/25 18:38	1

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

Lab Sample ID: LB3 460-1039187/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039187

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/23/25 07:52	05/26/25 18:38	1

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

Lab Sample ID: LB3 460-1039187/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039187

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/23/25 07:52	05/26/25 18:38	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/23/25 07:52	05/26/25 18:38	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/23/25 07:52*	*05/26/25 18:38*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 07:52*	*05/26/25 18:38*	*1*
4-Bromofluorobenzene	*119*		*71 - 128*	*05/23/25 07:52*	*05/26/25 18:38*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*	*05/23/25 07:52*	*05/26/25 18:38*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*	*05/23/25 07:52*	*05/26/25 18:38*	*1*

Lab Sample ID: LB3 460-1039236/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039236

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 09:42	05/27/25 00:09	1

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

Lab Sample ID: LB3 460-1039236/1-A
Matrix: Solid
Analysis Batch: 1039609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039236

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/23/25 09:42	05/27/25 00:09	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/23/25 09:42	05/27/25 00:09	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/23/25 09:42*	*05/27/25 00:09*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/23/25 09:42*	*05/27/25 00:09*	*1*
4-Bromofluorobenzene	*120*		*71 - 128*	*05/23/25 09:42*	*05/27/25 00:09*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*	*05/23/25 09:42*	*05/27/25 00:09*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/23/25 09:42*	*05/27/25 00:09*	*1*

Lab Sample ID: 460-326694-15 MS
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0013	U	0.0233	0.0243		mg/Kg	☼	104	78 - 120
1,1,2,2-Tetrachloroethane	0.0013	U	0.0233	0.0205		mg/Kg	☼	88	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0233	0.0280		mg/Kg	☼	120	75 - 121
1,1,2-Trichloroethane	0.0013	U	0.0233	0.0217		mg/Kg	☼	93	80 - 120
1,1-Dichloroethane	0.0013	U	0.0233	0.0259		mg/Kg	☼	111	72 - 120
1,1-Dichloroethene	0.0013	U	0.0233	0.0250		mg/Kg	☼	107	76 - 120
1,2,3-Trichlorobenzene	0.0013	U	0.0233	0.0242		mg/Kg	☼	104	77 - 137

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

Lab Sample ID: 460-326694-15 MS
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	0.0013	U	0.0233	0.0255		mg/Kg	☼	109	77 - 136
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0233	0.0171	*	mg/Kg	☼	73	80 - 124
1,2-Dichlorobenzene	0.0013	U	0.0233	0.0228		mg/Kg	☼	98	80 - 120
1,2-Dichloroethane	0.0013	U	0.0233	0.0239		mg/Kg	☼	103	70 - 123
1,2-Dichloropropane	0.0013	U	0.0233	0.0257		mg/Kg	☼	110	73 - 124
1,3-Dichlorobenzene	0.0013	U	0.0233	0.0236		mg/Kg	☼	101	80 - 120
1,4-Dichlorobenzene	0.0013	U	0.0233	0.0238		mg/Kg	☼	102	80 - 120
2-Butanone (MEK)	0.0064	U	0.116	0.105		mg/Kg	☼	90	64 - 128
2-Hexanone	0.0064	U	0.116	0.117		mg/Kg	☼	100	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.116	0.118		mg/Kg	☼	101	80 - 120
Acetone	0.011		0.116	0.123		mg/Kg	☼	96	58 - 122
Acrolein	0.13	U	0.349	0.309		mg/Kg	☼	89	54 - 158
Acrylonitrile	0.013	U	0.233	0.238		mg/Kg	☼	102	56 - 120
Benzene	0.0013	U	0.0233	0.0237		mg/Kg	☼	102	75 - 120
Bromoform	0.0013	U	0.0233	0.0196		mg/Kg	☼	84	61 - 125
Bromomethane	0.0026	U	0.0233	0.0263		mg/Kg	☼	113	37 - 150
Carbon disulfide	0.0013	U	0.0233	0.0268		mg/Kg	☼	115	57 - 133
Carbon tetrachloride	0.0013	U	0.0233	0.0246		mg/Kg	☼	106	66 - 127
Chlorobenzene	0.0013	U	0.0233	0.0227		mg/Kg	☼	98	80 - 120
Chlorobromomethane	0.0013	U	0.0233	0.0243		mg/Kg	☼	104	76 - 127
Chlorodibromomethane	0.0013	U	0.0233	0.0211		mg/Kg	☼	91	72 - 120
Chloroethane	0.0013	U	0.0233	0.0252		mg/Kg	☼	108	60 - 123
Chloroform	0.0013	U	0.0233	0.0247		mg/Kg	☼	106	79 - 126
Chloromethane	0.0013	U	0.0233	0.0256		mg/Kg	☼	110	46 - 122
cis-1,2-Dichloroethene	0.0013	U	0.0233	0.0243		mg/Kg	☼	105	80 - 123
cis-1,3-Dichloropropene	0.0013	U	0.0233	0.0230		mg/Kg	☼	99	75 - 120
Cyclohexane	0.0013	U	0.0233	0.0268		mg/Kg	☼	115	65 - 132
Dichlorobromomethane	0.0013	U	0.0233	0.0225		mg/Kg	☼	97	77 - 124
Dichlorodifluoromethane	0.0013	U	0.0233	0.0238		mg/Kg	☼	102	45 - 129
Ethylbenzene	0.0013	U	0.0233	0.0230		mg/Kg	☼	99	80 - 120
Ethylene Dibromide	0.0013	U	0.0233	0.0213		mg/Kg	☼	92	79 - 120
Isopropylbenzene	0.0013	U	0.0233	0.0234		mg/Kg	☼	100	74 - 120
Methyl acetate	0.0064	U *	0.0466	0.0568	*	mg/Kg	☼	122	57 - 120
Methyl tert-butyl ether	0.0013	U	0.0233	0.0231		mg/Kg	☼	99	74 - 125
Methylcyclohexane	0.0013	U	0.0233	0.0257		mg/Kg	☼	110	66 - 125
Methylene Chloride	0.0026	U	0.0233	0.0247		mg/Kg	☼	106	78 - 120
m-Xylene & p-Xylene	0.0013	U	0.0233	0.0228		mg/Kg	☼	98	80 - 120
o-Xylene	0.0013	U	0.0233	0.0227		mg/Kg	☼	98	80 - 120
Styrene	0.0013	U	0.0233	0.0224		mg/Kg	☼	96	80 - 120
TBA	0.022		0.233	0.209		mg/Kg	☼	80	79 - 120
Tetrachloroethene	0.0013	U	0.0233	0.0251		mg/Kg	☼	108	73 - 120
Toluene	0.0013	U	0.0233	0.0223		mg/Kg	☼	96	80 - 120
trans-1,2-Dichloroethene	0.0013	U	0.0233	0.0250		mg/Kg	☼	107	78 - 120
trans-1,3-Dichloropropene	0.0013	U	0.0233	0.0212		mg/Kg	☼	91	77 - 120
Trichloroethene	0.0013	U	0.0233	0.0242		mg/Kg	☼	104	80 - 120
Trichlorofluoromethane	0.0013	U	0.0233	0.0236		mg/Kg	☼	101	61 - 130
Vinyl chloride	0.0013	U	0.0233	0.0243		mg/Kg	☼	104	54 - 122

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

Lab Sample ID: 460-326694-15 MS
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*109*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 460-326694-15 MSD
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0013	U	0.0196	0.0193		mg/Kg	☼	98	78 - 120	23	30
1,1,2,2-Tetrachloroethane	0.0013	U	0.0196	0.0153		mg/Kg	☼	78	70 - 133	29	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U *	0.0196	0.0220		mg/Kg	☼	112	75 - 121	24	30
1,1,2-Trichloroethane	0.0013	U	0.0196	0.0167		mg/Kg	☼	85	80 - 120	26	30
1,1-Dichloroethane	0.0013	U	0.0196	0.0202		mg/Kg	☼	103	72 - 120	25	30
1,1-Dichloroethene	0.0013	U	0.0196	0.0195		mg/Kg	☼	99	76 - 120	25	30
1,2,3-Trichlorobenzene	0.0013	U	0.0196	0.0187		mg/Kg	☼	96	77 - 137	25	30
1,2,4-Trichlorobenzene	0.0013	U	0.0196	0.0204		mg/Kg	☼	104	77 - 136	22	30
1,2-Dibromo-3-Chloropropane	0.0013	U *	0.0196	0.0125	*	mg/Kg	☼	64	80 - 124	31	30
1,2-Dichlorobenzene	0.0013	U	0.0196	0.0177		mg/Kg	☼	90	80 - 120	25	30
1,2-Dichloroethane	0.0013	U	0.0196	0.0181		mg/Kg	☼	92	70 - 123	28	30
1,2-Dichloropropane	0.0013	U	0.0196	0.0202		mg/Kg	☼	103	73 - 124	24	30
1,3-Dichlorobenzene	0.0013	U	0.0196	0.0181		mg/Kg	☼	92	80 - 120	26	30
1,4-Dichlorobenzene	0.0013	U	0.0196	0.0189		mg/Kg	☼	96	80 - 120	23	30
2-Butanone (MEK)	0.0064	U	0.0981	0.0814		mg/Kg	☼	83	64 - 128	25	30
2-Hexanone	0.0064	U	0.0981	0.0910		mg/Kg	☼	93	75 - 120	25	30
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0981	0.0928		mg/Kg	☼	95	80 - 120	24	30
Acetone	0.011		0.0981	0.102		mg/Kg	☼	92	58 - 122	19	30
Acrolein	0.13	U	0.294	0.257		mg/Kg	☼	87	54 - 158	19	30
Acrylonitrile	0.013	U	0.196	0.209		mg/Kg	☼	106	56 - 120	13	30
Benzene	0.0013	U	0.0196	0.0181		mg/Kg	☼	92	75 - 120	27	30
Bromoform	0.0013	U	0.0196	0.0148		mg/Kg	☼	76	61 - 125	28	30
Bromomethane	0.0026	U	0.0196	0.0234		mg/Kg	☼	119	37 - 150	12	30
Carbon disulfide	0.0013	U	0.0196	0.0211		mg/Kg	☼	107	57 - 133	24	30
Carbon tetrachloride	0.0013	U	0.0196	0.0196		mg/Kg	☼	100	66 - 127	23	30
Chlorobenzene	0.0013	U	0.0196	0.0173		mg/Kg	☼	88	80 - 120	27	30
Chlorobromomethane	0.0013	U	0.0196	0.0181		mg/Kg	☼	92	76 - 127	29	30
Chlorodibromomethane	0.0013	U	0.0196	0.0154	*	mg/Kg	☼	78	72 - 120	31	30
Chloroethane	0.0013	U	0.0196	0.0237		mg/Kg	☼	121	60 - 123	6	30
Chloroform	0.0013	U	0.0196	0.0190		mg/Kg	☼	97	79 - 126	26	30
Chloromethane	0.0013	U	0.0196	0.0224		mg/Kg	☼	114	46 - 122	13	30
cis-1,2-Dichloroethene	0.0013	U	0.0196	0.0193		mg/Kg	☼	98	80 - 123	23	30
cis-1,3-Dichloropropene	0.0013	U	0.0196	0.0175		mg/Kg	☼	89	75 - 120	27	30
Cyclohexane	0.0013	U	0.0196	0.0208		mg/Kg	☼	106	65 - 132	25	30
Dichlorobromomethane	0.0013	U	0.0196	0.0171		mg/Kg	☼	87	77 - 124	27	30
Dichlorodifluoromethane	0.0013	U	0.0196	0.0219		mg/Kg	☼	112	45 - 129	8	30
Ethylbenzene	0.0013	U	0.0196	0.0179		mg/Kg	☼	91	80 - 120	25	30
Ethylene Dibromide	0.0013	U	0.0196	0.0158		mg/Kg	☼	81	79 - 120	29	30

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

Lab Sample ID: 460-326694-15 MSD
Matrix: Solid
Analysis Batch: 1040795

Client Sample ID: SRI-B3-2A_16-18_20250521
Prep Type: Total/NA
Prep Batch: 1039242

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	0.0013	U	0.0196	0.0178		mg/Kg	☼	91	74 - 120	27	30
Methyl acetate	0.0064	U *	0.0392	0.0477	*	mg/Kg	☼	122	57 - 120	17	30
Methyl tert-butyl ether	0.0013	U	0.0196	0.0174		mg/Kg	☼	89	74 - 125	28	30
Methylcyclohexane	0.0013	U	0.0196	0.0203		mg/Kg	☼	103	66 - 125	24	30
Methylene Chloride	0.0026	U	0.0196	0.0193		mg/Kg	☼	98	78 - 120	24	30
m-Xylene & p-Xylene	0.0013	U	0.0196	0.0175		mg/Kg	☼	89	80 - 120	26	30
o-Xylene	0.0013	U	0.0196	0.0175		mg/Kg	☼	89	80 - 120	26	30
Styrene	0.0013	U	0.0196	0.0166		mg/Kg	☼	85	80 - 120	29	30
TBA	0.022		0.196	0.184		mg/Kg	☼	82	79 - 120	13	30
Tetrachloroethene	0.0013	U	0.0196	0.0192		mg/Kg	☼	98	73 - 120	27	30
Toluene	0.0013	U	0.0196	0.0172		mg/Kg	☼	87	80 - 120	26	30
trans-1,2-Dichloroethene	0.0013	U	0.0196	0.0197		mg/Kg	☼	100	78 - 120	24	30
trans-1,3-Dichloropropene	0.0013	U	0.0196	0.0157		mg/Kg	☼	80	77 - 120	30	30
Trichloroethene	0.0013	U	0.0196	0.0188		mg/Kg	☼	96	80 - 120	25	30
Trichlorofluoromethane	0.0013	U	0.0196	0.0220		mg/Kg	☼	112	61 - 130	7	30
Vinyl chloride	0.0013	U	0.0196	0.0223		mg/Kg	☼	113	54 - 122	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LB3 460-1039271/1-A
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039271

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/23/25 12:39	05/27/25 13:07	1

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

Lab Sample ID: LB3 460-1039271/1-A
Matrix: Solid
Analysis Batch: 1039694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039271

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/23/25 12:39	05/27/25 13:07	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/23/25 12:39	05/27/25 13:07	1

Tentatively Identified Compound	*Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/23/25 12:39*	*05/27/25 13:07*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/23/25 12:39*	*05/27/25 13:07*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*	*05/23/25 12:39*	*05/27/25 13:07*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*05/23/25 12:39*	*05/27/25 13:07*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/23/25 12:39*	*05/27/25 13:07*	*1*

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

Lab Sample ID: MB 460-1039309/8
Matrix: Solid
Analysis Batch: 1039309

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	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 20:19	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 20:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/23/25 20:19	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 20:19	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 20:19	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 20:19	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/23/25 20:19	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 20:19	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/23/25 20:19	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 20:19	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/23/25 20:19	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/23/25 20:19	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/23/25 20:19	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 20:19	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/23/25 20:19	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/23/25 20:19	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/23/25 20:19	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/23/25 20:19	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/23/25 20:19	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/23/25 20:19	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/23/25 20:19	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/23/25 20:19	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/23/25 20:19	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 20:19	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/23/25 20:19	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/23/25 20:19	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 20:19	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/23/25 20:19	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 20:19	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/23/25 20:19	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/23/25 20:19	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 20:19	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 20:19	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/23/25 20:19	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/23/25 20:19	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/23/25 20:19	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/23/25 20:19	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/23/25 20:19	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/23/25 20:19	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/23/25 20:19	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/23/25 20:19	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/23/25 20:19	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/23/25 20:19	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/23/25 20:19	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/23/25 20:19	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/23/25 20:19	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/23/25 20:19	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/23/25 20:19	1

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

Lab Sample ID: MB 460-1039309/8
Matrix: Solid
Analysis Batch: 1039309

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 20:19	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/23/25 20:19	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 20:19	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/23/25 20:19	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/23/25 20:19	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/23/25 20:19	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/23/25 20:19*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*		*05/23/25 20:19*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*		*05/23/25 20:19*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*		*05/23/25 20:19*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/23/25 20:19*	*1*

Lab Sample ID: LCS 460-1039309/3
Matrix: Solid
Analysis Batch: 1039309

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	0.0200	0.0160		mg/Kg		80	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0155		mg/Kg		78	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	75 - 121
1,1,2-Trichloroethane	0.0200	0.0167		mg/Kg		84	80 - 120
1,1-Dichloroethane	0.0200	0.0179		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0180		mg/Kg		90	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0175		mg/Kg		87	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0163		mg/Kg		82	80 - 124
1,2-Dichlorobenzene	0.0200	0.0168		mg/Kg		84	80 - 120
1,2-Dichloroethane	0.0200	0.0158		mg/Kg		79	70 - 123
1,2-Dichloropropane	0.0200	0.0179		mg/Kg		89	73 - 124
1,3-Dichlorobenzene	0.0200	0.0169		mg/Kg		84	80 - 120
1,4-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
2-Butanone (MEK)	0.100	0.0803		mg/Kg		80	64 - 128
2-Hexanone	0.100	0.0850		mg/Kg		85	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0877		mg/Kg		88	80 - 120
Acetone	0.100	0.0978		mg/Kg		98	58 - 122
Acrolein	0.300	0.346		mg/Kg		115	54 - 158
Acrylonitrile	0.200	0.211		mg/Kg		106	56 - 120
Benzene	0.0200	0.0173		mg/Kg		87	75 - 120
Bromoform	0.0200	0.0193		mg/Kg		96	61 - 125
Bromomethane	0.0200	0.0251		mg/Kg		126	37 - 150
Carbon disulfide	0.0200	0.0192		mg/Kg		96	57 - 133
Carbon tetrachloride	0.0200	0.0167		mg/Kg		84	66 - 127
Chlorobenzene	0.0200	0.0177		mg/Kg		88	80 - 120

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

Lab Sample ID: LCS 460-1039309/3
Matrix: Solid
Analysis Batch: 1039309

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0188		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0178		mg/Kg		89	72 - 120
Chloroethane	0.0200	0.0210		mg/Kg		105	60 - 123
Chloroform	0.0200	0.0172		mg/Kg		86	79 - 126
Chloromethane	0.0200	0.0230		mg/Kg		115	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		90	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0155		mg/Kg		78	75 - 120
Cyclohexane	0.0200	0.0178		mg/Kg		89	65 - 132
Dichlorobromomethane	0.0200	0.0167		mg/Kg		83	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0172		mg/Kg		86	80 - 120
Ethylene Dibromide	0.0200	0.0167		mg/Kg		84	79 - 120
Isopropylbenzene	0.0200	0.0167		mg/Kg		83	74 - 120
Methyl acetate	0.0400	0.0393		mg/Kg		98	57 - 120
Methyl tert-butyl ether	0.0200	0.0156		mg/Kg		78	74 - 125
Methylcyclohexane	0.0200	0.0186		mg/Kg		93	66 - 125
Methylene Chloride	0.0200	0.0180		mg/Kg		90	78 - 120
m-Xylene & p-Xylene	0.0200	0.0167		mg/Kg		84	80 - 120
o-Xylene	0.0200	0.0168		mg/Kg		84	80 - 120
Styrene	0.0200	0.0163		mg/Kg		81	80 - 120
TBA	0.200	0.163		mg/Kg		82	79 - 120
Tetrachloroethene	0.0200	0.0193		mg/Kg		97	73 - 120
Toluene	0.0200	0.0165		mg/Kg		82	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0147	*	mg/Kg		74	77 - 120
Trichloroethene	0.0200	0.0170		mg/Kg		85	80 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	61 - 130
Vinyl chloride	0.0200	0.0241		mg/Kg		120	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*90*		*71 - 128*
Dibromofluoromethane (Surr)	*104*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1039309/6
Matrix: Solid
Analysis Batch: 1039309

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	0.0200	0.0183		mg/Kg		92	78 - 120	14	30
1,1,2,2-Tetrachloroethane	0.0200	0.0182		mg/Kg		91	70 - 133	16	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0219		mg/Kg		110	75 - 121	12	30
1,1,2-Trichloroethane	0.0200	0.0186		mg/Kg		93	80 - 120	11	30
1,1-Dichloroethane	0.0200	0.0204		mg/Kg		102	72 - 120	13	30
1,1-Dichloroethene	0.0200	0.0205		mg/Kg		103	76 - 120	13	30
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	77 - 137	11	30
1,2,4-Trichlorobenzene	0.0200	0.0199		mg/Kg		100	77 - 136	14	30

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

Lab Sample ID: LCSD 460-1039309/6
Matrix: Solid
Analysis Batch: 1039309

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
1,2-Dibromo-3-Chloropropane	0.0200	0.0185		mg/Kg		92	80 - 124	12	30
1,2-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	14	30
1,2-Dichloroethane	0.0200	0.0177		mg/Kg		88	70 - 123	12	30
1,2-Dichloropropane	0.0200	0.0205		mg/Kg		102	73 - 124	14	30
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	15	30
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	14	30
2-Butanone (MEK)	0.100	0.0883		mg/Kg		88	64 - 128	9	30
2-Hexanone	0.100	0.0956		mg/Kg		96	75 - 120	12	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0995		mg/Kg		99	80 - 120	13	30
Acetone	0.100	0.111		mg/Kg		111	58 - 122	12	30
Acrolein	0.300	0.381		mg/Kg		127	54 - 158	10	30
Acrylonitrile	0.200	0.254	*	mg/Kg		127	56 - 120	18	30
Benzene	0.0200	0.0196		mg/Kg		98	75 - 120	12	30
Bromoform	0.0200	0.0217		mg/Kg		108	61 - 125	12	30
Bromomethane	0.0200	0.0260		mg/Kg		130	37 - 150	4	30
Carbon disulfide	0.0200	0.0217		mg/Kg		108	57 - 133	12	30
Carbon tetrachloride	0.0200	0.0194		mg/Kg		97	66 - 127	15	30
Chlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120	15	30
Chlorobromomethane	0.0200	0.0210		mg/Kg		105	76 - 127	11	30
Chlorodibromomethane	0.0200	0.0200		mg/Kg		100	72 - 120	12	30
Chloroethane	0.0200	0.0224		mg/Kg		112	60 - 123	6	30
Chloroform	0.0200	0.0193		mg/Kg		96	79 - 126	12	30
Chloromethane	0.0200	0.0250	*	mg/Kg		125	46 - 122	8	30
cis-1,2-Dichloroethene	0.0200	0.0202		mg/Kg		101	80 - 123	12	30
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	75 - 120	15	30
Cyclohexane	0.0200	0.0203		mg/Kg		102	65 - 132	14	30
Dichlorobromomethane	0.0200	0.0191		mg/Kg		95	77 - 124	13	30
Dichlorodifluoromethane	0.0200	0.0228		mg/Kg		114	45 - 129	4	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	14	30
Ethylene Dibromide	0.0200	0.0189		mg/Kg		95	79 - 120	12	30
Isopropylbenzene	0.0200	0.0195		mg/Kg		98	74 - 120	16	30
Methyl acetate	0.0400	0.0424		mg/Kg		106	57 - 120	7	30
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125	11	30
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125	12	30
Methylene Chloride	0.0200	0.0205		mg/Kg		102	78 - 120	13	30
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	16	30
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	14	30
Styrene	0.0200	0.0187		mg/Kg		94	80 - 120	14	30
TBA	0.200	0.191		mg/Kg		95	79 - 120	16	30
Tetrachloroethene	0.0200	0.0225		mg/Kg		113	73 - 120	15	30
Toluene	0.0200	0.0191		mg/Kg		95	80 - 120	15	30
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 120	13	30
trans-1,3-Dichloropropene	0.0200	0.0168		mg/Kg		84	77 - 120	13	30
Trichloroethene	0.0200	0.0186		mg/Kg		93	80 - 120	9	30
Trichlorofluoromethane	0.0200	0.0228		mg/Kg		114	61 - 130	4	30
Vinyl chloride	0.0200	0.0248	*	mg/Kg		124	54 - 122	3	30

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

Lab Sample ID: LCSD 460-1039309/6
Matrix: Solid
Analysis Batch: 1039309

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*84*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*92*		*71 - 126*

Lab Sample ID: MB 460-1039310/9
Matrix: Solid
Analysis Batch: 1039310

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	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 21:07	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 21:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/23/25 21:07	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 21:07	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 21:07	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 21:07	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/23/25 21:07	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 21:07	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/23/25 21:07	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 21:07	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/23/25 21:07	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/23/25 21:07	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/23/25 21:07	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 21:07	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/23/25 21:07	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/23/25 21:07	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/23/25 21:07	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/23/25 21:07	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/23/25 21:07	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/23/25 21:07	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/23/25 21:07	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/23/25 21:07	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/23/25 21:07	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 21:07	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/23/25 21:07	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/23/25 21:07	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/23/25 21:07	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/23/25 21:07	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/23/25 21:07	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/23/25 21:07	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/23/25 21:07	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/23/25 21:07	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 21:07	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/23/25 21:07	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/23/25 21:07	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/23/25 21:07	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/23/25 21:07	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/23/25 21:07	1

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

Lab Sample ID: MB 460-1039310/9
Matrix: Solid
Analysis Batch: 1039310

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			05/23/25 21:07	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/23/25 21:07	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/23/25 21:07	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/23/25 21:07	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/23/25 21:07	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/23/25 21:07	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/23/25 21:07	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/23/25 21:07	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/23/25 21:07	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/23/25 21:07	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/23/25 21:07	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/23/25 21:07	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/23/25 21:07	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/23/25 21:07	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/23/25 21:07	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/23/25 21:07	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/23/25 21:07*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*05/23/25 21:07*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*		*05/23/25 21:07*	*1*
Dibromofluoromethane (Surr)	*118*		*50 - 150*		*05/23/25 21:07*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/23/25 21:07*	*1*

Lab Sample ID: LCS 460-1039310/4
Matrix: Solid
Analysis Batch: 1039310

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	0.0200	0.0206		mg/Kg		103	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0141		mg/Kg		70	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0212		mg/Kg		106	75 - 121
1,1,2-Trichloroethane	0.0200	0.0156	*	mg/Kg		78	80 - 120
1,1-Dichloroethane	0.0200	0.0177		mg/Kg		89	72 - 120
1,1-Dichloroethene	0.0200	0.0191		mg/Kg		96	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0209		mg/Kg		105	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0220		mg/Kg		110	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0158	*	mg/Kg		79	80 - 124
1,2-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0164		mg/Kg		82	73 - 124
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128
2-Hexanone	0.100	0.0935		mg/Kg		93	75 - 120

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

Lab Sample ID: LCS 460-1039310/4
Matrix: Solid
Analysis Batch: 1039310

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0911		mg/Kg		91	80 - 120
Acetone	0.100	0.101		mg/Kg		101	58 - 122
Acrolein	0.300	0.213		mg/Kg		71	54 - 158
Acrylonitrile	0.200	0.165		mg/Kg		82	56 - 120
Benzene	0.0200	0.0160		mg/Kg		80	75 - 120
Bromoform	0.0200	0.0178		mg/Kg		89	61 - 125
Bromomethane	0.0200	0.0181		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0191		mg/Kg		95	57 - 133
Carbon tetrachloride	0.0200	0.0218		mg/Kg		109	66 - 127
Chlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0200		mg/Kg		100	76 - 127
Chlorodibromomethane	0.0200	0.0169		mg/Kg		85	72 - 120
Chloroethane	0.0200	0.0148		mg/Kg		74	60 - 123
Chloroform	0.0200	0.0192		mg/Kg		96	79 - 126
Chloromethane	0.0200	0.0135		mg/Kg		68	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0161		mg/Kg		81	75 - 120
Cyclohexane	0.0200	0.0198		mg/Kg		99	65 - 132
Dichlorobromomethane	0.0200	0.0175		mg/Kg		87	77 - 124
Dichlorodifluoromethane	0.0200	0.0205		mg/Kg		102	45 - 129
Ethylbenzene	0.0200	0.0185		mg/Kg		92	80 - 120
Ethylene Dibromide	0.0200	0.0169		mg/Kg		85	79 - 120
Isopropylbenzene	0.0200	0.0186		mg/Kg		93	74 - 120
Methyl acetate	0.0400	0.0291		mg/Kg		73	57 - 120
Methyl tert-butyl ether	0.0200	0.0178		mg/Kg		89	74 - 125
Methylcyclohexane	0.0200	0.0196		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0187		mg/Kg		94	78 - 120
m-Xylene & p-Xylene	0.0200	0.0178		mg/Kg		89	80 - 120
o-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
Styrene	0.0200	0.0178		mg/Kg		89	80 - 120
TBA	0.200	0.164		mg/Kg		82	79 - 120
Tetrachloroethene	0.0200	0.0208		mg/Kg		104	73 - 120
Toluene	0.0200	0.0169		mg/Kg		85	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0159		mg/Kg		80	77 - 120
Trichloroethene	0.0200	0.0196		mg/Kg		98	80 - 120
Trichlorofluoromethane	0.0200	0.0210		mg/Kg		105	61 - 130
Vinyl chloride	0.0200	0.0146		mg/Kg		73	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*83*		*71 - 126*

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

Lab Sample ID: LCSD 460-1039310/5
Matrix: Solid
Analysis Batch: 1039310

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			0.0200	0.0220		mg/Kg		110	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0157		mg/Kg		78	70 - 133	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0240		mg/Kg		120	75 - 121	12	30
1,1,2-Trichloroethane			0.0200	0.0172		mg/Kg		86	80 - 120	10	30
1,1-Dichloroethane			0.0200	0.0191		mg/Kg		96	72 - 120	8	30
1,1-Dichloroethene			0.0200	0.0209		mg/Kg		104	76 - 120	9	30
1,2,3-Trichlorobenzene			0.0200	0.0214		mg/Kg		107	77 - 137	2	30
1,2,4-Trichlorobenzene			0.0200	0.0230		mg/Kg		115	77 - 136	4	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0168		mg/Kg		84	80 - 124	6	30
1,2-Dichlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120	9	30
1,2-Dichloroethane			0.0200	0.0199		mg/Kg		99	70 - 123	5	30
1,2-Dichloropropane			0.0200	0.0175		mg/Kg		87	73 - 124	6	30
1,3-Dichlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	6	30
1,4-Dichlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	6	30
2-Butanone (MEK)			0.100	0.123		mg/Kg		123	64 - 128	13	30
2-Hexanone			0.100	0.100		mg/Kg		100	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)			0.100	0.100		mg/Kg		100	80 - 120	9	30
Acetone			0.100	0.108		mg/Kg		108	58 - 122	7	30
Acrolein			0.300	0.242		mg/Kg		81	54 - 158	13	30
Acrylonitrile			0.200	0.171		mg/Kg		85	56 - 120	4	30
Benzene			0.0200	0.0182		mg/Kg		91	75 - 120	13	30
Bromoform			0.0200	0.0194		mg/Kg		97	61 - 125	9	30
Bromomethane			0.0200	0.0210		mg/Kg		105	37 - 150	15	30
Carbon disulfide			0.0200	0.0203		mg/Kg		102	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0233		mg/Kg		116	66 - 127	7	30
Chlorobenzene			0.0200	0.0200		mg/Kg		100	80 - 120	8	30
Chlorobromomethane			0.0200	0.0216		mg/Kg		108	76 - 127	8	30
Chlorodibromomethane			0.0200	0.0188		mg/Kg		94	72 - 120	11	30
Chloroethane			0.0200	0.0190		mg/Kg		95	60 - 123	25	30
Chloroform			0.0200	0.0200		mg/Kg		100	79 - 126	4	30
Chloromethane			0.0200	0.0168		mg/Kg		84	46 - 122	22	30
cis-1,2-Dichloroethene			0.0200	0.0211		mg/Kg		106	80 - 123	10	30
cis-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	75 - 120	9	30
Cyclohexane			0.0200	0.0210		mg/Kg		105	65 - 132	6	30
Dichlorobromomethane			0.0200	0.0185		mg/Kg		92	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0264	*	mg/Kg		132	45 - 129	25	30
Ethylbenzene			0.0200	0.0203		mg/Kg		101	80 - 120	9	30
Ethylene Dibromide			0.0200	0.0181		mg/Kg		91	79 - 120	7	30
Isopropylbenzene			0.0200	0.0199		mg/Kg		99	74 - 120	7	30
Methyl acetate			0.0400	0.0300		mg/Kg		75	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0189		mg/Kg		94	74 - 125	6	30
Methylcyclohexane			0.0200	0.0206		mg/Kg		103	66 - 125	5	30
Methylene Chloride			0.0200	0.0198		mg/Kg		99	78 - 120	6	30
m-Xylene & p-Xylene			0.0200	0.0201		mg/Kg		101	80 - 120	12	30
o-Xylene			0.0200	0.0198		mg/Kg		99	80 - 120	10	30
Styrene			0.0200	0.0194		mg/Kg		97	80 - 120	9	30
TBA			0.200	0.183		mg/Kg		92	79 - 120	11	30
Tetrachloroethene			0.0200	0.0226		mg/Kg		113	73 - 120	8	30

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

Lab Sample ID: LCSD 460-1039310/5
Matrix: Solid
Analysis Batch: 1039310

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
Toluene			0.0200	0.0182		mg/Kg		91	80 - 120	7	30
trans-1,2-Dichloroethene			0.0200	0.0218		mg/Kg		109	78 - 120	9	30
trans-1,3-Dichloropropene			0.0200	0.0175		mg/Kg		87	77 - 120	9	30
Trichloroethene			0.0200	0.0210		mg/Kg		105	80 - 120	7	30
Trichlorofluoromethane			0.0200	0.0260		mg/Kg		130	61 - 130	21	30
Vinyl chloride			0.0200	0.0183		mg/Kg		91	54 - 122	22	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*118*		*71 - 128*
Dibromofluoromethane (Surr)	*122*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

Lab Sample ID: MB 460-1039355/8
Matrix: Solid
Analysis Batch: 1039355

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	0.0010	U	0.0010	0.00023	mg/Kg			05/24/25 06:58	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/24/25 06:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/24/25 06:58	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/25 06:58	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/25 06:58	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/24/25 06:58	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/24/25 06:58	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/25 06:58	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/24/25 06:58	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/25 06:58	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/24/25 06:58	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/24/25 06:58	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/24/25 06:58	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/24/25 06:58	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/24/25 06:58	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/24/25 06:58	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/24/25 06:58	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/24/25 06:58	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/24/25 06:58	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/24/25 06:58	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/24/25 06:58	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/24/25 06:58	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/24/25 06:58	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/24/25 06:58	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/24/25 06:58	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/24/25 06:58	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/25 06:58	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/24/25 06:58	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/24/25 06:58	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/24/25 06:58	1

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

Lab Sample ID: MB 460-1039355/8
Matrix: Solid
Analysis Batch: 1039355

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			05/24/25 06:58	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/25 06:58	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/24/25 06:58	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/24/25 06:58	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/24/25 06:58	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/24/25 06:58	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/24/25 06:58	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/24/25 06:58	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/24/25 06:58	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/24/25 06:58	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/24/25 06:58	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/24/25 06:58	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/24/25 06:58	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/24/25 06:58	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/24/25 06:58	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/24/25 06:58	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/24/25 06:58	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/24/25 06:58	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/24/25 06:58	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/24/25 06:58	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/24/25 06:58	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/24/25 06:58	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/24/25 06:58	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/24/25 06:58	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/24/25 06:58*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*		*05/24/25 06:58*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*		*05/24/25 06:58*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*05/24/25 06:58*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*05/24/25 06:58*	*1*

Lab Sample ID: LCS 460-1039355/3
Matrix: Solid
Analysis Batch: 1039355

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	0.0200	0.0228		mg/Kg		114	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0160		mg/Kg		80	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0244	*	mg/Kg		122	75 - 121
1,1,2-Trichloroethane	0.0200	0.0167		mg/Kg		83	80 - 120
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0205		mg/Kg		103	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0218		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0233		mg/Kg		117	77 - 136

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

Lab Sample ID: LCS 460-1039355/3
Matrix: Solid
Analysis Batch: 1039355

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		101	70 - 123
1,2-Dichloropropane	0.0200	0.0172		mg/Kg		86	73 - 124
1,3-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
2-Butanone (MEK)	0.100	0.119		mg/Kg		119	64 - 128
2-Hexanone	0.100	0.0990		mg/Kg		99	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0993		mg/Kg		99	80 - 120
Acetone	0.100	0.111		mg/Kg		111	58 - 122
Acrolein	0.300	0.251		mg/Kg		84	54 - 158
Acrylonitrile	0.200	0.177		mg/Kg		88	56 - 120
Benzene	0.0200	0.0176		mg/Kg		88	75 - 120
Bromoform	0.0200	0.0197		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0201		mg/Kg		101	37 - 150
Carbon disulfide	0.0200	0.0199		mg/Kg		100	57 - 133
Carbon tetrachloride	0.0200	0.0245		mg/Kg		122	66 - 127
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0222		mg/Kg		111	76 - 127
Chlorodibromomethane	0.0200	0.0187		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0172		mg/Kg		86	60 - 123
Chloroform	0.0200	0.0204		mg/Kg		102	79 - 126
Chloromethane	0.0200	0.0156		mg/Kg		78	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0212		mg/Kg		106	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0212		mg/Kg		106	65 - 132
Dichlorobromomethane	0.0200	0.0192		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0242		mg/Kg		121	45 - 129
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Ethylene Dibromide	0.0200	0.0184		mg/Kg		92	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0321		mg/Kg		80	57 - 120
Methyl tert-butyl ether	0.0200	0.0193		mg/Kg		96	74 - 125
Methylcyclohexane	0.0200	0.0211		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0203		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0193		mg/Kg		96	80 - 120
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120
TBA	0.200	0.188		mg/Kg		94	79 - 120
Tetrachloroethene	0.0200	0.0226		mg/Kg		113	73 - 120
Toluene	0.0200	0.0178		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0169		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0208		mg/Kg		104	80 - 120
Trichlorofluoromethane	0.0200	0.0261		mg/Kg		130	61 - 130
Vinyl chloride	0.0200	0.0172		mg/Kg		86	54 - 122

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

Lab Sample ID: LCS 460-1039355/3
Matrix: Solid
Analysis Batch: 1039355

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*117*		*50 - 150*
Toluene-d8 (Surr)	*98*		*71 - 126*

Lab Sample ID: LCSD 460-1039355/4
Matrix: Solid
Analysis Batch: 1039355

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			0.0200	0.0225		mg/Kg		113	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0155		mg/Kg		77	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0239		mg/Kg		120	75 - 121	2	30
1,1,2-Trichloroethane			0.0200	0.0168		mg/Kg		84	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0187		mg/Kg		94	72 - 120	1	30
1,1-Dichloroethene			0.0200	0.0213		mg/Kg		106	76 - 120	4	30
1,2,3-Trichlorobenzene			0.0200	0.0225		mg/Kg		113	77 - 137	3	30
1,2,4-Trichlorobenzene			0.0200	0.0240		mg/Kg		120	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0159		mg/Kg		80	80 - 124	9	30
1,2-Dichlorobenzene			0.0200	0.0200		mg/Kg		100	80 - 120	0	30
1,2-Dichloroethane			0.0200	0.0203		mg/Kg		102	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0171		mg/Kg		85	73 - 124	0	30
1,3-Dichlorobenzene			0.0200	0.0213		mg/Kg		107	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0214		mg/Kg		107	80 - 120	2	30
2-Butanone (MEK)			0.100	0.127		mg/Kg		127	64 - 128	6	30
2-Hexanone			0.100	0.104		mg/Kg		104	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)			0.100	0.103		mg/Kg		103	80 - 120	4	30
Acetone			0.100	0.116		mg/Kg		116	58 - 122	5	30
Acrolein			0.300	0.250		mg/Kg		83	54 - 158	0	30
Acrylonitrile			0.200	0.184		mg/Kg		92	56 - 120	4	30
Benzene			0.0200	0.0179		mg/Kg		89	75 - 120	2	30
Bromoform			0.0200	0.0189		mg/Kg		95	61 - 125	4	30
Bromomethane			0.0200	0.0197		mg/Kg		99	37 - 150	2	30
Carbon disulfide			0.0200	0.0198		mg/Kg		99	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0239		mg/Kg		119	66 - 127	2	30
Chlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	2	30
Chlorobromomethane			0.0200	0.0217		mg/Kg		109	76 - 127	2	30
Chlorodibromomethane			0.0200	0.0193		mg/Kg		97	72 - 120	3	30
Chloroethane			0.0200	0.0175		mg/Kg		87	60 - 123	2	30
Chloroform			0.0200	0.0207		mg/Kg		103	79 - 126	1	30
Chloromethane			0.0200	0.0141		mg/Kg		71	46 - 122	10	30
cis-1,2-Dichloroethene			0.0200	0.0205		mg/Kg		103	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	75 - 120	2	30
Cyclohexane			0.0200	0.0213		mg/Kg		106	65 - 132	0	30
Dichlorobromomethane			0.0200	0.0192		mg/Kg		96	77 - 124	0	30
Dichlorodifluoromethane			0.0200	0.0220		mg/Kg		110	45 - 129	9	30
Ethylbenzene			0.0200	0.0203		mg/Kg		101	80 - 120	3	30
Ethylene Dibromide			0.0200	0.0192		mg/Kg		96	79 - 120	4	30

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

Lab Sample ID: LCSD 460-1039355/4
Matrix: Solid
Analysis Batch: 1039355

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
Isopropylbenzene	0.0200	0.0203		mg/Kg		102	74 - 120	3	30
Methyl acetate	0.0400	0.0314		mg/Kg		78	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		95	74 - 125	2	30
Methylcyclohexane	0.0200	0.0212		mg/Kg		106	66 - 125	0	30
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120	4	30
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
Styrene	0.0200	0.0202		mg/Kg		101	80 - 120	5	30
TBA	0.200	0.192		mg/Kg		96	79 - 120	2	30
Tetrachloroethene	0.0200	0.0238		mg/Kg		119	73 - 120	5	30
Toluene	0.0200	0.0183		mg/Kg		91	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120	4	30
trans-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	77 - 120	7	30
Trichloroethene	0.0200	0.0217		mg/Kg		109	80 - 120	4	30
Trichlorofluoromethane	0.0200	0.0244		mg/Kg		122	61 - 130	7	30
Vinyl chloride	0.0200	0.0163		mg/Kg		81	54 - 122	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*
4-Bromofluorobenzene	*116*		*71 - 128*
Dibromofluoromethane (Surr)	*120*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

Lab Sample ID: LB3 460-1039374/1-A
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039374

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/24/25 07:19	06/01/25 06:52	1

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

Lab Sample ID: LB3 460-1039374/1-A
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039374

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/24/25 07:19	06/01/25 06:52	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/24/25 07:19	06/01/25 06:52	1

Tentatively Identified Compound	*Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/24/25 07:19*	*06/01/25 06:52*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/24/25 07:19*	*06/01/25 06:52*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/24/25 07:19*	*06/01/25 06:52*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*	*05/24/25 07:19*	*06/01/25 06:52*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/24/25 07:19*	*06/01/25 06:52*	*1*

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

Lab Sample ID: LB3 460-1039393/1-A
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039393

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
TBA	0.010	U	0.010	0.0078	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		05/24/25 08:23	06/01/25 11:52	1

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

Lab Sample ID: LB3 460-1039393/1-A
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039393

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		05/24/25 08:23	06/01/25 11:52	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		05/24/25 08:23	06/01/25 11:52	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/24/25 08:23*	*06/01/25 11:52*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*	*05/24/25 08:23*	*06/01/25 11:52*	*1*
4-Bromofluorobenzene	*77*		*71 - 128*	*05/24/25 08:23*	*06/01/25 11:52*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*05/24/25 08:23*	*06/01/25 11:52*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*05/24/25 08:23*	*06/01/25 11:52*	*1*

Lab Sample ID: 460-326756-18 MS
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: SRI-A1-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1039414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0015	U	0.0218	0.0176		mg/Kg	☼	81	78 - 120
1,1,2,2-Tetrachloroethane	0.0015	U	0.0218	0.0180		mg/Kg	☼	82	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0218	0.0191		mg/Kg	☼	87	75 - 121
1,1,2-Trichloroethane	0.0015	U	0.0218	0.0194		mg/Kg	☼	89	80 - 120
1,1-Dichloroethane	0.0015	U	0.0218	0.0202		mg/Kg	☼	93	72 - 120
1,1-Dichloroethene	0.0015	U	0.0218	0.0181		mg/Kg	☼	83	76 - 120
1,2,3-Trichlorobenzene	0.0015	U	0.0218	0.0128	*	mg/Kg	☼	59	77 - 137
1,2,4-Trichlorobenzene	0.0015	U	0.0218	0.0130	*	mg/Kg	☼	59	77 - 136
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0218	0.0178		mg/Kg	☼	82	80 - 124
1,2-Dichlorobenzene	0.0015	U	0.0218	0.0157	*	mg/Kg	☼	72	80 - 120
1,2-Dichloroethane	0.0015	U	0.0218	0.0181		mg/Kg	☼	83	70 - 123
1,2-Dichloropropane	0.0015	U	0.0218	0.0206		mg/Kg	☼	94	73 - 124
1,3-Dichlorobenzene	0.0015	U	0.0218	0.0154	*	mg/Kg	☼	70	80 - 120
1,4-Dichlorobenzene	0.0015	U	0.0218	0.0152	*	mg/Kg	☼	70	80 - 120
2-Butanone (MEK)	0.0076	U	0.109	0.0822		mg/Kg	☼	75	64 - 128
2-Hexanone	0.0076	U	0.109	0.0937		mg/Kg	☼	86	75 - 120
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.109	0.0983		mg/Kg	☼	90	80 - 120
Acetone	0.027		0.109	0.116		mg/Kg	☼	82	58 - 122
Acrolein	0.15	U	0.327	0.163	*	mg/Kg	☼	50	54 - 158
Acrylonitrile	0.015	U	0.218	0.231		mg/Kg	☼	106	56 - 120
Benzene	0.0015	U	0.0218	0.0198		mg/Kg	☼	91	75 - 120
Bromoform	0.0015	U	0.0218	0.0205		mg/Kg	☼	94	61 - 125
Bromomethane	0.0031	U	0.0218	0.0184		mg/Kg	☼	84	37 - 150
Carbon disulfide	0.0015	U	0.0218	0.0188		mg/Kg	☼	86	57 - 133
Carbon tetrachloride	0.0015	U	0.0218	0.0179		mg/Kg	☼	82	66 - 127
Chlorobenzene	0.0015	U	0.0218	0.0179		mg/Kg	☼	82	80 - 120

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

Lab Sample ID: 460-326756-18 MS
Matrix: Solid
Analysis Batch: 1040792

Client Sample ID: SRI-A1-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1039414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0015	U	0.0218	0.0191		mg/Kg	☼	87	76 - 127
Chlorodibromomethane	0.0015	U	0.0218	0.0193		mg/Kg	☼	89	72 - 120
Chloroethane	0.0015	U	0.0218	0.0166		mg/Kg	☼	76	60 - 123
Chloroform	0.0015	U	0.0218	0.0190		mg/Kg	☼	87	79 - 126
Chloromethane	0.0015	U	0.0218	0.0189		mg/Kg	☼	87	46 - 122
cis-1,2-Dichloroethene	0.0015	U	0.0218	0.0186		mg/Kg	☼	85	80 - 123
cis-1,3-Dichloropropene	0.0015	U	0.0218	0.0177		mg/Kg	☼	81	75 - 120
Cyclohexane	0.0015	U	0.0218	0.0178		mg/Kg	☼	82	65 - 132
Dichlorobromomethane	0.0015	U	0.0218	0.0186		mg/Kg	☼	85	77 - 124
Dichlorodifluoromethane	0.0015	U	0.0218	0.0167		mg/Kg	☼	76	45 - 129
Ethylbenzene	0.0015	U	0.0218	0.0179		mg/Kg	☼	82	80 - 120
Ethylene Dibromide	0.0015	U	0.0218	0.0179		mg/Kg	☼	82	79 - 120
Isopropylbenzene	0.0015	U	0.0218	0.0169		mg/Kg	☼	77	74 - 120
Methyl acetate	0.0076	U	0.0436	0.0678	*	mg/Kg	☼	155	57 - 120
Methyl tert-butyl ether	0.0015	U	0.0218	0.0186		mg/Kg	☼	85	74 - 125
Methylcyclohexane	0.0015	U	0.0218	0.0169		mg/Kg	☼	78	66 - 125
Methylene Chloride	0.0031	U	0.0218	0.0199		mg/Kg	☼	91	78 - 120
m-Xylene & p-Xylene	0.0015	U	0.0218	0.0172	*	mg/Kg	☼	79	80 - 120
o-Xylene	0.0015	U	0.0218	0.0171	*	mg/Kg	☼	78	80 - 120
Styrene	0.0015	U	0.0218	0.0157	*	mg/Kg	☼	72	80 - 120
TBA	0.013	J	0.218	0.202		mg/Kg	☼	87	79 - 120
Tetrachloroethene	0.0015	U	0.0218	0.0186		mg/Kg	☼	85	73 - 120
Toluene	0.0015	U	0.0218	0.0181		mg/Kg	☼	83	80 - 120
trans-1,2-Dichloroethene	0.0015	U	0.0218	0.0191		mg/Kg	☼	88	78 - 120
trans-1,3-Dichloropropene	0.0015	U	0.0218	0.0166	*	mg/Kg	☼	76	77 - 120
Trichloroethene	0.0015	U	0.0218	0.0177		mg/Kg	☼	81	80 - 120
Trichlorofluoromethane	0.0015	U	0.0218	0.0169		mg/Kg	☼	77	61 - 130
Vinyl chloride	0.0015	U	0.0218	0.0185		mg/Kg	☼	85	54 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*90*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: 460-326756-18 MSD
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: SRI-A1-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1039414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0015	U	0.0246	0.0227		mg/Kg	☼	92	78 - 120	25	30
1,1,2,2-Tetrachloroethane	0.0015	U	0.0246	0.0189		mg/Kg	☼	77	70 - 133	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	U	0.0246	0.0256		mg/Kg	☼	104	75 - 121	29	30
1,1,2-Trichloroethane	0.0015	U	0.0246	0.0211		mg/Kg	☼	86	80 - 120	9	30
1,1-Dichloroethane	0.0015	U	0.0246	0.0243		mg/Kg	☼	99	72 - 120	18	30
1,1-Dichloroethene	0.0015	U	0.0246	0.0241		mg/Kg	☼	98	76 - 120	29	30
1,2,3-Trichlorobenzene	0.0015	U	0.0246	0.0166	*	mg/Kg	☼	68	77 - 137	26	30
1,2,4-Trichlorobenzene	0.0015	U	0.0246	0.0174	*	mg/Kg	☼	71	77 - 136	29	30

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

Lab Sample ID: 460-326756-18 MSD
Client Sample ID: SRI-A1-1B_3-5_20250522
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1041319
Prep Batch: 1039414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0015	U	0.0246	0.0174	*	mg/Kg	☼	70	80 - 124	3	30
1,2-Dichlorobenzene	0.0015	U	0.0246	0.0206		mg/Kg	☼	84	80 - 120	27	30
1,2-Dichloroethane	0.0015	U	0.0246	0.0199		mg/Kg	☼	81	70 - 123	9	30
1,2-Dichloropropane	0.0015	U	0.0246	0.0244		mg/Kg	☼	99	73 - 124	17	30
1,3-Dichlorobenzene	0.0015	U	0.0246	0.0207		mg/Kg	☼	84	80 - 120	29	30
1,4-Dichlorobenzene	0.0015	U	0.0246	0.0214	*	mg/Kg	☼	87	80 - 120	34	30
2-Butanone (MEK)	0.0076	U	0.123	0.114	*	mg/Kg	☼	92	64 - 128	32	30
2-Hexanone	0.0076	U	0.123	0.136	*	mg/Kg	☼	110	75 - 120	37	30
4-Methyl-2-pentanone (MIBK)	0.0076	U	0.123	0.126		mg/Kg	☼	102	80 - 120	25	30
Acetone	0.027		0.123	0.147		mg/Kg	☼	97	58 - 122	23	30
Acrolein	0.15	U	0.370	0.372	*	mg/Kg	☼	101	54 - 158	78	30
Acrylonitrile	0.015	U	0.246	0.352	*	mg/Kg	☼	143	56 - 120	42	30
Benzene	0.0015	U	0.0246	0.0231		mg/Kg	☼	94	75 - 120	15	30
Bromoform	0.0015	U	0.0246	0.0245		mg/Kg	☼	99	61 - 125	18	30
Bromomethane	0.0031	U	0.0246	0.0261	*	mg/Kg	☼	106	37 - 150	35	30
Carbon disulfide	0.0015	U	0.0246	0.0249		mg/Kg	☼	101	57 - 133	28	30
Carbon tetrachloride	0.0015	U	0.0246	0.0240		mg/Kg	☼	97	66 - 127	29	30
Chlorobenzene	0.0015	U	0.0246	0.0236		mg/Kg	☼	96	80 - 120	28	30
Chlorobromomethane	0.0015	U	0.0246	0.0246		mg/Kg	☼	100	76 - 127	25	30
Chlorodibromomethane	0.0015	U	0.0246	0.0245		mg/Kg	☼	99	72 - 120	23	30
Chloroethane	0.0015	U	0.0246	0.0222		mg/Kg	☼	90	60 - 123	29	30
Chloroform	0.0015	U	0.0246	0.0230		mg/Kg	☼	93	79 - 126	19	30
Chloromethane	0.0015	U	0.0246	0.0226		mg/Kg	☼	92	46 - 122	18	30
cis-1,2-Dichloroethene	0.0015	U	0.0246	0.0235		mg/Kg	☼	95	80 - 123	23	30
cis-1,3-Dichloropropene	0.0015	U	0.0246	0.0205		mg/Kg	☼	83	75 - 120	15	30
Cyclohexane	0.0015	U	0.0246	0.0229		mg/Kg	☼	93	65 - 132	25	30
Dichlorobromomethane	0.0015	U	0.0246	0.0234		mg/Kg	☼	95	77 - 124	23	30
Dichlorodifluoromethane	0.0015	U	0.0246	0.0200		mg/Kg	☼	81	45 - 129	18	30
Ethylbenzene	0.0015	U	0.0246	0.0233		mg/Kg	☼	95	80 - 120	26	30
Ethylene Dibromide	0.0015	U	0.0246	0.0207		mg/Kg	☼	84	79 - 120	14	30
Isopropylbenzene	0.0015	U	0.0246	0.0218		mg/Kg	☼	88	74 - 120	26	30
Methyl acetate	0.0076	U	0.0493	0.0418	*	mg/Kg	☼	85	57 - 120	47	30
Methyl tert-butyl ether	0.0015	U	0.0246	0.0188		mg/Kg	☼	76	74 - 125	1	30
Methylcyclohexane	0.0015	U	0.0246	0.0223		mg/Kg	☼	90	66 - 125	27	30
Methylene Chloride	0.0031	U	0.0246	0.0241		mg/Kg	☼	98	78 - 120	19	30
m-Xylene & p-Xylene	0.0015	U	0.0246	0.0222		mg/Kg	☼	90	80 - 120	26	30
o-Xylene	0.0015	U	0.0246	0.0215		mg/Kg	☼	87	80 - 120	23	30
Styrene	0.0015	U	0.0246	0.0207		mg/Kg	☼	84	80 - 120	28	30
TBA	0.013	J	0.246	0.265		mg/Kg	☼	102	79 - 120	27	30
Tetrachloroethene	0.0015	U	0.0246	0.0259	*	mg/Kg	☼	105	73 - 120	33	30
Toluene	0.0015	U	0.0246	0.0221		mg/Kg	☼	90	80 - 120	20	30
trans-1,2-Dichloroethene	0.0015	U	0.0246	0.0251		mg/Kg	☼	102	78 - 120	27	30
trans-1,3-Dichloropropene	0.0015	U	0.0246	0.0189		mg/Kg	☼	77	77 - 120	13	30
Trichloroethene	0.0015	U	0.0246	0.0227		mg/Kg	☼	92	80 - 120	25	30
Trichlorofluoromethane	0.0015	U	0.0246	0.0239	*	mg/Kg	☼	97	61 - 130	34	30
Vinyl chloride	0.0015	U	0.0246	0.0230		mg/Kg	☼	93	54 - 122	22	30

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

Lab Sample ID: 460-326756-18 MSD
Matrix: Solid
Analysis Batch: 1041319

Client Sample ID: SRI-A1-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1039414

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*89*		*71 - 128*
Dibromofluoromethane (Surr)	*106*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1039469/8
Matrix: Solid
Analysis Batch: 1039469

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	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 06:59	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 06:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 06:59	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 06:59	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 06:59	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 06:59	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/25/25 06:59	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 06:59	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 06:59	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 06:59	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 06:59	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 06:59	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/25/25 06:59	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 06:59	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/25/25 06:59	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/25/25 06:59	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/25/25 06:59	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/25/25 06:59	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/25/25 06:59	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/25/25 06:59	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/25/25 06:59	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/25/25 06:59	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/25/25 06:59	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 06:59	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/25/25 06:59	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 06:59	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 06:59	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/25/25 06:59	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 06:59	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/25/25 06:59	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/25/25 06:59	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 06:59	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 06:59	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/25/25 06:59	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/25/25 06:59	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/25/25 06:59	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/25/25 06:59	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 06:59	1

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

Lab Sample ID: MB 460-1039469/8
Matrix: Solid
Analysis Batch: 1039469

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			05/25/25 06:59	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/25/25 06:59	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 06:59	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 06:59	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/25/25 06:59	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 06:59	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 06:59	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/25/25 06:59	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/25/25 06:59	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/25/25 06:59	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 06:59	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/25/25 06:59	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 06:59	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/25/25 06:59	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/25/25 06:59	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/25/25 06:59	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/25/25 06:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*65 - 138*		*05/25/25 06:59*	*1*
4-Bromofluorobenzene	*83*		*71 - 128*		*05/25/25 06:59*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*		*05/25/25 06:59*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*05/25/25 06:59*	*1*

Lab Sample ID: LCS 460-1039469/3
Matrix: Solid
Analysis Batch: 1039469

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	0.0200	0.0186		mg/Kg		93	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0169		mg/Kg		85	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0230		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0181		mg/Kg		90	80 - 120
1,1-Dichloroethane	0.0200	0.0199		mg/Kg		99	72 - 120
1,1-Dichloroethene	0.0200	0.0211		mg/Kg		105	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0174		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0202		mg/Kg		101	73 - 124
1,3-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,4-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
2-Butanone (MEK)	0.100	0.0840		mg/Kg		84	64 - 128
2-Hexanone	0.100	0.0921		mg/Kg		92	75 - 120

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

Lab Sample ID: LCS 460-1039469/3
Matrix: Solid
Analysis Batch: 1039469

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0971		mg/Kg		97	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Acrolein	0.300	0.302		mg/Kg		101	54 - 158
Acrylonitrile	0.200	0.237		mg/Kg		118	56 - 120
Benzene	0.0200	0.0192		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0218		mg/Kg		109	61 - 125
Bromomethane	0.0200	0.0228		mg/Kg		114	37 - 150
Carbon disulfide	0.0200	0.0222		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0196		mg/Kg		98	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0209		mg/Kg		105	76 - 127
Chlorodibromomethane	0.0200	0.0195		mg/Kg		98	72 - 120
Chloroethane	0.0200	0.0198		mg/Kg		99	60 - 123
Chloroform	0.0200	0.0188		mg/Kg		94	79 - 126
Chloromethane	0.0200	0.0210		mg/Kg		105	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0210		mg/Kg		105	65 - 132
Dichlorobromomethane	0.0200	0.0185		mg/Kg		92	77 - 124
Dichlorodifluoromethane	0.0200	0.0193		mg/Kg		96	45 - 129
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0181		mg/Kg		90	79 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120
Methyl acetate	0.0400	0.0401		mg/Kg		100	57 - 120
Methyl tert-butyl ether	0.0200	0.0173		mg/Kg		87	74 - 125
Methylcyclohexane	0.0200	0.0212		mg/Kg		106	66 - 125
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120
o-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
Styrene	0.0200	0.0179		mg/Kg		89	80 - 120
TBA	0.200	0.179		mg/Kg		89	79 - 120
Tetrachloroethene	0.0200	0.0222		mg/Kg		111	73 - 120
Toluene	0.0200	0.0184		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0163		mg/Kg		82	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0209		mg/Kg		105	61 - 130
Vinyl chloride	0.0200	0.0218		mg/Kg		109	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*88*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

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

Lab Sample ID: LCSD 460-1039469/4
Matrix: Solid
Analysis Batch: 1039469

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			0.0200	0.0184		mg/Kg		92	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0163		mg/Kg		81	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0220		mg/Kg		110	75 - 121	4	30
1,1,2-Trichloroethane			0.0200	0.0186		mg/Kg		93	80 - 120	3	30
1,1-Dichloroethane			0.0200	0.0200		mg/Kg		100	72 - 120	1	30
1,1-Dichloroethene			0.0200	0.0204		mg/Kg		102	76 - 120	3	30
1,2,3-Trichlorobenzene			0.0200	0.0187		mg/Kg		93	77 - 137	3	30
1,2,4-Trichlorobenzene			0.0200	0.0186		mg/Kg		93	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0175		mg/Kg		87	80 - 124	1	30
1,2-Dichlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	0	30
1,2-Dichloroethane			0.0200	0.0173		mg/Kg		87	70 - 123	0	30
1,2-Dichloropropane			0.0200	0.0202		mg/Kg		101	73 - 124	0	30
1,3-Dichlorobenzene			0.0200	0.0181		mg/Kg		90	80 - 120	1	30
1,4-Dichlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	2	30
2-Butanone (MEK)			0.100	0.0850		mg/Kg		85	64 - 128	1	30
2-Hexanone			0.100	0.0910		mg/Kg		91	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0943		mg/Kg		94	80 - 120	3	30
Acetone			0.100	0.105		mg/Kg		105	58 - 122	3	30
Acrolein			0.300	0.276		mg/Kg		92	54 - 158	9	30
Acrylonitrile			0.200	0.231		mg/Kg		115	56 - 120	3	30
Benzene			0.0200	0.0193		mg/Kg		97	75 - 120	1	30
Bromoform			0.0200	0.0219		mg/Kg		110	61 - 125	1	30
Bromomethane			0.0200	0.0221		mg/Kg		110	37 - 150	3	30
Carbon disulfide			0.0200	0.0220		mg/Kg		110	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0196		mg/Kg		98	66 - 127	0	30
Chlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	1	30
Chlorobromomethane			0.0200	0.0206		mg/Kg		103	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0197		mg/Kg		99	72 - 120	1	30
Chloroethane			0.0200	0.0187		mg/Kg		93	60 - 123	6	30
Chloroform			0.0200	0.0188		mg/Kg		94	79 - 126	0	30
Chloromethane			0.0200	0.0254	*	mg/Kg		127	46 - 122	19	30
cis-1,2-Dichloroethene			0.0200	0.0198		mg/Kg		99	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0174		mg/Kg		87	75 - 120	0	30
Cyclohexane			0.0200	0.0207		mg/Kg		104	65 - 132	1	30
Dichlorobromomethane			0.0200	0.0187		mg/Kg		94	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0192		mg/Kg		96	45 - 129	0	30
Ethylbenzene			0.0200	0.0194		mg/Kg		97	80 - 120	2	30
Ethylene Dibromide			0.0200	0.0185		mg/Kg		92	79 - 120	2	30
Isopropylbenzene			0.0200	0.0190		mg/Kg		95	74 - 120	1	30
Methyl acetate			0.0400	0.0432		mg/Kg		108	57 - 120	7	30
Methyl tert-butyl ether			0.0200	0.0173		mg/Kg		86	74 - 125	0	30
Methylcyclohexane			0.0200	0.0208		mg/Kg		104	66 - 125	2	30
Methylene Chloride			0.0200	0.0203		mg/Kg		101	78 - 120	1	30
m-Xylene & p-Xylene			0.0200	0.0186		mg/Kg		93	80 - 120	1	30
o-Xylene			0.0200	0.0188		mg/Kg		94	80 - 120	2	30
Styrene			0.0200	0.0180		mg/Kg		90	80 - 120	1	30
TBA			0.200	0.174		mg/Kg		87	79 - 120	2	30
Tetrachloroethene			0.0200	0.0222		mg/Kg		111	73 - 120	0	30

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

Lab Sample ID: LCSD 460-1039469/4
Matrix: Solid
Analysis Batch: 1039469

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
Toluene			0.0200	0.0183		mg/Kg		92	80 - 120	0	30
trans-1,2-Dichloroethene			0.0200	0.0211		mg/Kg		105	78 - 120	0	30
trans-1,3-Dichloropropene			0.0200	0.0166		mg/Kg		83	77 - 120	1	30
Trichloroethene			0.0200	0.0185		mg/Kg		93	80 - 120	0	30
Trichlorofluoromethane			0.0200	0.0196		mg/Kg		98	61 - 130	6	30
Vinyl chloride			0.0200	0.0204		mg/Kg		102	54 - 122	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*
4-Bromofluorobenzene	*81*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: MB 460-1039470/8
Matrix: Solid
Analysis Batch: 1039470

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	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 07:51	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 07:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 07:51	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 07:51	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 07:51	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 07:51	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/25/25 07:51	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 07:51	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 07:51	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 07:51	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 07:51	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 07:51	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/25/25 07:51	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 07:51	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/25/25 07:51	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/25/25 07:51	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/25/25 07:51	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/25/25 07:51	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/25/25 07:51	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/25/25 07:51	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/25/25 07:51	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/25/25 07:51	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/25/25 07:51	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 07:51	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/25/25 07:51	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 07:51	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 07:51	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/25/25 07:51	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 07:51	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/25/25 07:51	1

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

Lab Sample ID: MB 460-1039470/8
Matrix: Solid
Analysis Batch: 1039470

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			05/25/25 07:51	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 07:51	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 07:51	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/25/25 07:51	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/25/25 07:51	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/25/25 07:51	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/25/25 07:51	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 07:51	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/25/25 07:51	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/25/25 07:51	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 07:51	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 07:51	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/25/25 07:51	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 07:51	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 07:51	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/25/25 07:51	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/25/25 07:51	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/25/25 07:51	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 07:51	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/25/25 07:51	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 07:51	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/25/25 07:51	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/25/25 07:51	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/25/25 07:51	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/25/25 07:51*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*		*05/25/25 07:51*	*1*
4-Bromofluorobenzene	*109*		*71 - 128*		*05/25/25 07:51*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*		*05/25/25 07:51*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/25/25 07:51*	*1*

Lab Sample ID: LCS 460-1039470/2
Matrix: Solid
Analysis Batch: 1039470

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	0.0200	0.0259	*	mg/Kg		129	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0160		mg/Kg		80	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0280	*	mg/Kg		140	75 - 121
1,1,2-Trichloroethane	0.0200	0.0168		mg/Kg		84	80 - 120
1,1-Dichloroethane	0.0200	0.0205		mg/Kg		102	72 - 120
1,1-Dichloroethene	0.0200	0.0248	*	mg/Kg		124	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0234		mg/Kg		117	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0256		mg/Kg		128	77 - 136

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

Lab Sample ID: LCS 460-1039470/2
Matrix: Solid
Analysis Batch: 1039470

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124
1,2-Dichlorobenzene	0.0200	0.0217		mg/Kg		108	80 - 120
1,2-Dichloroethane	0.0200	0.0215		mg/Kg		107	70 - 123
1,2-Dichloropropane	0.0200	0.0186		mg/Kg		93	73 - 124
1,3-Dichlorobenzene	0.0200	0.0229		mg/Kg		115	80 - 120
1,4-Dichlorobenzene	0.0200	0.0235		mg/Kg		118	80 - 120
2-Butanone (MEK)	0.100	0.126		mg/Kg		126	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.106		mg/Kg		106	80 - 120
Acetone	0.100	0.121		mg/Kg		121	58 - 122
Acrolein	0.300	0.242		mg/Kg		81	54 - 158
Acrylonitrile	0.200	0.184		mg/Kg		92	56 - 120
Benzene	0.0200	0.0189		mg/Kg		94	75 - 120
Bromoform	0.0200	0.0198		mg/Kg		99	61 - 125
Bromomethane	0.0200	0.0227		mg/Kg		113	37 - 150
Carbon disulfide	0.0200	0.0234		mg/Kg		117	57 - 133
Carbon tetrachloride	0.0200	0.0274	*	mg/Kg		137	66 - 127
Chlorobenzene	0.0200	0.0213		mg/Kg		106	80 - 120
Chlorobromomethane	0.0200	0.0234		mg/Kg		117	76 - 127
Chlorodibromomethane	0.0200	0.0203		mg/Kg		101	72 - 120
Chloroethane	0.0200	0.0199		mg/Kg		100	60 - 123
Chloroform	0.0200	0.0221		mg/Kg		111	79 - 126
Chloromethane	0.0200	0.0174		mg/Kg		87	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0231		mg/Kg		115	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0245		mg/Kg		123	65 - 132
Dichlorobromomethane	0.0200	0.0204		mg/Kg		102	77 - 124
Dichlorodifluoromethane	0.0200	0.0276	*	mg/Kg		138	45 - 129
Ethylbenzene	0.0200	0.0221		mg/Kg		110	80 - 120
Ethylene Dibromide	0.0200	0.0190		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0222		mg/Kg		111	74 - 120
Methyl acetate	0.0400	0.0314		mg/Kg		79	57 - 120
Methyl tert-butyl ether	0.0200	0.0195		mg/Kg		98	74 - 125
Methylcyclohexane	0.0200	0.0236		mg/Kg		118	66 - 125
Methylene Chloride	0.0200	0.0220		mg/Kg		110	78 - 120
m-Xylene & p-Xylene	0.0200	0.0221		mg/Kg		110	80 - 120
o-Xylene	0.0200	0.0216		mg/Kg		108	80 - 120
Styrene	0.0200	0.0204		mg/Kg		102	80 - 120
TBA	0.200	0.192		mg/Kg		96	79 - 120
Tetrachloroethene	0.0200	0.0259	*	mg/Kg		129	73 - 120
Toluene	0.0200	0.0199		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0249	*	mg/Kg		124	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0243	*	mg/Kg		122	80 - 120
Trichlorofluoromethane	0.0200	0.0313	*	mg/Kg		157	61 - 130
Vinyl chloride	0.0200	0.0199		mg/Kg		99	54 - 122

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

Lab Sample ID: LCS 460-1039470/2
Matrix: Solid
Analysis Batch: 1039470

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*105*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*93*		*71 - 126*

Lab Sample ID: LCSD 460-1039470/3
Matrix: Solid
Analysis Batch: 1039470

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			0.0200	0.0226		mg/Kg		113	78 - 120	14	30
1,1,2,2-Tetrachloroethane			0.0200	0.0154		mg/Kg		77	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0250	*	mg/Kg		125	75 - 121	11	30
1,1,2-Trichloroethane			0.0200	0.0168		mg/Kg		84	80 - 120	0	30
1,1-Dichloroethane			0.0200	0.0186		mg/Kg		93	72 - 120	9	30
1,1-Dichloroethene			0.0200	0.0222		mg/Kg		111	76 - 120	11	30
1,2,3-Trichlorobenzene			0.0200	0.0223		mg/Kg		112	77 - 137	5	30
1,2,4-Trichlorobenzene			0.0200	0.0226		mg/Kg		113	77 - 136	12	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0160		mg/Kg		80	80 - 124	10	30
1,2-Dichlorobenzene			0.0200	0.0207		mg/Kg		103	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0202		mg/Kg		101	70 - 123	6	30
1,2-Dichloropropane			0.0200	0.0176		mg/Kg		88	73 - 124	6	30
1,3-Dichlorobenzene			0.0200	0.0208		mg/Kg		104	80 - 120	10	30
1,4-Dichlorobenzene			0.0200	0.0216		mg/Kg		108	80 - 120	8	30
2-Butanone (MEK)			0.100	0.126		mg/Kg		126	64 - 128	0	30
2-Hexanone			0.100	0.103		mg/Kg		103	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.100		mg/Kg		100	80 - 120	6	30
Acetone			0.100	0.117		mg/Kg		117	58 - 122	3	30
Acrolein			0.300	0.236		mg/Kg		79	54 - 158	2	30
Acrylonitrile			0.200	0.168		mg/Kg		84	56 - 120	9	30
Benzene			0.0200	0.0180		mg/Kg		90	75 - 120	5	30
Bromoform			0.0200	0.0189		mg/Kg		94	61 - 125	5	30
Bromomethane			0.0200	0.0234		mg/Kg		117	37 - 150	3	30
Carbon disulfide			0.0200	0.0213		mg/Kg		106	57 - 133	10	30
Carbon tetrachloride			0.0200	0.0248		mg/Kg		124	66 - 127	10	30
Chlorobenzene			0.0200	0.0201		mg/Kg		100	80 - 120	6	30
Chlorobromomethane			0.0200	0.0216		mg/Kg		108	76 - 127	8	30
Chlorodibromomethane			0.0200	0.0193		mg/Kg		96	72 - 120	5	30
Chloroethane			0.0200	0.0184		mg/Kg		92	60 - 123	8	30
Chloroform			0.0200	0.0207		mg/Kg		103	79 - 126	7	30
Chloromethane			0.0200	0.0167		mg/Kg		83	46 - 122	4	30
cis-1,2-Dichloroethene			0.0200	0.0212		mg/Kg		106	80 - 123	9	30
cis-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	75 - 120	1	30
Cyclohexane			0.0200	0.0223		mg/Kg		111	65 - 132	9	30
Dichlorobromomethane			0.0200	0.0189		mg/Kg		95	77 - 124	8	30
Dichlorodifluoromethane			0.0200	0.0263	*	mg/Kg		132	45 - 129	5	30
Ethylbenzene			0.0200	0.0203		mg/Kg		101	80 - 120	8	30
Ethylene Dibromide			0.0200	0.0183		mg/Kg		92	79 - 120	4	30

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

Lab Sample ID: LCSD 460-1039470/3
Matrix: Solid
Analysis Batch: 1039470

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
Isopropylbenzene			0.0200	0.0203		mg/Kg		102	74 - 120	9	30
Methyl acetate			0.0400	0.0288		mg/Kg		72	57 - 120	9	30
Methyl tert-butyl ether			0.0200	0.0189		mg/Kg		94	74 - 125	3	30
Methylcyclohexane			0.0200	0.0216		mg/Kg		108	66 - 125	8	30
Methylene Chloride			0.0200	0.0204		mg/Kg		102	78 - 120	8	30
m-Xylene & p-Xylene			0.0200	0.0203		mg/Kg		102	80 - 120	8	30
o-Xylene			0.0200	0.0201		mg/Kg		100	80 - 120	8	30
Styrene			0.0200	0.0199		mg/Kg		100	80 - 120	3	30
TBA			0.200	0.188		mg/Kg		94	79 - 120	2	30
Tetrachloroethene			0.0200	0.0236		mg/Kg		118	73 - 120	9	30
Toluene			0.0200	0.0186		mg/Kg		93	80 - 120	7	30
trans-1,2-Dichloroethene			0.0200	0.0219		mg/Kg		109	78 - 120	13	30
trans-1,3-Dichloropropene			0.0200	0.0174		mg/Kg		87	77 - 120	3	30
Trichloroethene			0.0200	0.0218		mg/Kg		109	80 - 120	11	30
Trichlorofluoromethane			0.0200	0.0297	*	mg/Kg		148	61 - 130	6	30
Vinyl chloride			0.0200	0.0193		mg/Kg		96	54 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*107*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*95*		*71 - 126*

Lab Sample ID: MB 460-1039512/8
Matrix: Water
Analysis Batch: 1039512

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	0.24	ug/L			05/25/25 18:32	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/25/25 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/25/25 18:32	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/25/25 18:32	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/25/25 18:32	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/25/25 18:32	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/25/25 18:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/25/25 18:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/25/25 18:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/25/25 18:32	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/25/25 18:32	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/25/25 18:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/25/25 18:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/25/25 18:32	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/25/25 18:32	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/25/25 18:32	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/25/25 18:32	1
Acetone	5.0	U	5.0	4.4	ug/L			05/25/25 18:32	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/25/25 18:32	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/25/25 18:32	1

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

Lab Sample ID: MB 460-1039512/8
Matrix: Water
Analysis Batch: 1039512

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			05/25/25 18:32	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/25/25 18:32	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/25/25 18:32	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/25/25 18:32	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/25/25 18:32	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/25/25 18:32	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/25/25 18:32	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/25/25 18:32	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/25/25 18:32	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/25/25 18:32	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/25/25 18:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/25/25 18:32	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/25/25 18:32	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/25/25 18:32	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/25/25 18:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/25/25 18:32	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/25/25 18:32	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/25/25 18:32	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/25/25 18:32	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/25/25 18:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/25/25 18:32	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/25/25 18:32	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/25/25 18:32	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/25/25 18:32	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/25/25 18:32	1
Styrene	1.0	U	1.0	0.42	ug/L			05/25/25 18:32	1
TBA	10	U	10	8.3	ug/L			05/25/25 18:32	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/25/25 18:32	1
Toluene	1.0	U	1.0	0.38	ug/L			05/25/25 18:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/25/25 18:32	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/25/25 18:32	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/25/25 18:32	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/25/25 18:32	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/25/25 18:32	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/25/25 18:32*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*05/25/25 18:32*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*05/25/25 18:32*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*05/25/25 18:32*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/25/25 18:32*	*1*

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

Lab Sample ID: LCS 460-1039512/2
Matrix: Water
Analysis Batch: 1039512

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	19.2		ug/L		96	72 - 128
1,1,2,2-Tetrachloroethane	20.0	17.5		ug/L		88	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.7		ug/L		108	65 - 142
1,1,2-Trichloroethane	20.0	16.6		ug/L		83	74 - 125
1,1-Dichloroethane	20.0	18.5		ug/L		93	73 - 130
1,1-Dichloroethene	20.0	17.7		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	20.0	20.0		ug/L		100	55 - 150
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		91	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	16.8		ug/L		84	58 - 132
1,2-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
1,2-Dichloroethane	20.0	18.7		ug/L		93	66 - 129
1,2-Dichloropropane	20.0	16.6		ug/L		83	72 - 128
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 120
1,4-Dichlorobenzene	20.0	18.1		ug/L		90	80 - 120
2-Butanone (MEK)	100	93.1		ug/L		93	65 - 142
2-Hexanone	100	86.7		ug/L		87	72 - 134
4-Methyl-2-pentanone (MIBK)	100	91.9		ug/L		92	77 - 130
Acetone	100	96.7		ug/L		97	60 - 133
Acrolein	40.0	32.1		ug/L		80	18 - 150
Acrylonitrile	200	200		ug/L		100	57 - 146
Benzene	20.0	17.2		ug/L		86	71 - 126
Bromoform	20.0	19.0		ug/L		95	58 - 128
Bromomethane	20.0	20.9		ug/L		104	33 - 150
Carbon disulfide	20.0	17.0		ug/L		85	35 - 150
Carbon tetrachloride	20.0	20.5		ug/L		102	65 - 131
Chlorobenzene	20.0	17.8		ug/L		89	80 - 120
Chlorobromomethane	20.0	18.3		ug/L		91	71 - 134
Chlorodibromomethane	20.0	18.2		ug/L		91	73 - 121
Chloroethane	20.0	20.4		ug/L		102	54 - 150
Chloroform	20.0	19.0		ug/L		95	78 - 125
Chloromethane	20.0	18.1		ug/L		91	43 - 149
cis-1,2-Dichloroethene	20.0	17.7		ug/L		89	78 - 121
cis-1,3-Dichloropropene	20.0	17.1		ug/L		85	74 - 125
Cyclohexane	20.0	18.6		ug/L		93	64 - 142
Dichlorobromomethane	20.0	18.9		ug/L		94	76 - 121
Dichlorodifluoromethane	20.0	18.6		ug/L		93	38 - 144
Ethylbenzene	20.0	17.1		ug/L		86	78 - 120
Ethylene Dibromide	20.0	18.2		ug/L		91	79 - 126
Isopropylbenzene	20.0	18.0		ug/L		90	79 - 125
Methyl acetate	40.0	37.5		ug/L		94	50 - 147
Methyl tert-butyl ether	20.0	16.6		ug/L		83	72 - 131
Methylcyclohexane	20.0	18.6		ug/L		93	63 - 138
Methylene Chloride	20.0	18.3		ug/L		91	74 - 127
m-Xylene & p-Xylene	20.0	16.7		ug/L		84	78 - 120
o-Xylene	20.0	17.2		ug/L		86	78 - 120
Styrene	20.0	17.9		ug/L		89	82 - 127
TBA	200	173		ug/L		87	64 - 142
Tetrachloroethene	20.0	17.3		ug/L		86	70 - 127

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

Lab Sample ID: LCS 460-1039512/2
Matrix: Water
Analysis Batch: 1039512

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	20.0	17.6		ug/L		88	78 - 120
trans-1,2-Dichloroethene	20.0	17.9		ug/L		90	70 - 126
trans-1,3-Dichloropropene	20.0	15.6		ug/L		78	71 - 127
Trichloroethene	20.0	17.8		ug/L		89	73 - 121
Trichlorofluoromethane	20.0	21.6		ug/L		108	62 - 134
Vinyl chloride	20.0	18.9		ug/L		95	55 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 460-326553-H-3 MS
Matrix: Water
Analysis Batch: 1039512

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	72 - 128
1,1,2,2-Tetrachloroethane	0.20	U	20.0	18.8		ug/L		94	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.4		ug/L		112	65 - 142
1,1,2-Trichloroethane	0.58	U	20.0	18.0		ug/L		90	74 - 125
1,1-Dichloroethane	1.0	U	20.0	18.9		ug/L		95	73 - 130
1,1-Dichloroethene	1.0	U	20.0	18.5		ug/L		92	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	19.8		ug/L		99	55 - 150
1,2,4-Trichlorobenzene	1.0	U	20.0	18.6		ug/L		93	67 - 132
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	17.5		ug/L		87	58 - 132
1,2-Dichlorobenzene	1.0	U	20.0	21.9		ug/L		110	80 - 120
1,2-Dichloroethane	0.30	U	20.0	19.5		ug/L		98	66 - 129
1,2-Dichloropropane	0.92	U	20.0	17.1		ug/L		85	72 - 128
1,3-Dichlorobenzene	1.0	U	20.0	19.8		ug/L		99	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	19.7		ug/L		99	80 - 120
2-Butanone (MEK)	5.0	U	100	97.2		ug/L		97	65 - 142
2-Hexanone	5.0	U	100	87.7		ug/L		88	72 - 134
4-Methyl-2-pentanone (MIBK)	5.0	U	100	94.4		ug/L		94	77 - 130
Acetone	5.0	U	100	94.5		ug/L		94	60 - 133
Acrolein	4.0	U	40.0	26.4		ug/L		66	18 - 150
Acrylonitrile	2.0	U	200	197		ug/L		98	57 - 146
Benzene	0.45	U	20.0	18.5		ug/L		93	71 - 126
Bromoform	1.0	U	20.0	19.5		ug/L		97	58 - 128
Bromomethane	1.0	U	20.0	21.4		ug/L		107	33 - 150
Carbon disulfide	1.0	U	20.0	16.9		ug/L		85	35 - 150
Carbon tetrachloride	1.0	U	20.0	21.0		ug/L		105	65 - 131
Chlorobenzene	1.0	U	20.0	18.6		ug/L		93	80 - 120
Chlorobromomethane	1.0	U	20.0	19.3		ug/L		96	71 - 134
Chlorodibromomethane	0.78	U	20.0	18.8		ug/L		94	73 - 121
Chloroethane	1.0	U	20.0	20.6		ug/L		103	54 - 150
Chloroform	1.0	U	20.0	20.0		ug/L		100	78 - 125

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

Lab Sample ID: 460-326553-H-3 MS
Matrix: Water
Analysis Batch: 1039512

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	1.0	U	20.0	18.2		ug/L		91	43 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	78 - 121
cis-1,3-Dichloropropene	0.45	U	20.0	16.6		ug/L		83	74 - 125
Cyclohexane	1.0	U	20.0	19.5		ug/L		98	64 - 142
Dichlorobromomethane	0.98	U	20.0	19.2		ug/L		96	76 - 121
Dichlorodifluoromethane	1.0	U	20.0	19.1		ug/L		95	38 - 144
Ethylbenzene	1.0	U	20.0	17.9		ug/L		90	78 - 120
Ethylene Dibromide	1.0	U	20.0	18.7		ug/L		93	79 - 126
Isopropylbenzene	1.0	U	20.0	18.1		ug/L		90	79 - 125
Methyl acetate	5.0	U	40.0	35.4		ug/L		89	50 - 147
Methyl tert-butyl ether	1.0	U	20.0	17.4		ug/L		87	72 - 131
Methylcyclohexane	1.0	U	20.0	18.9		ug/L		94	63 - 138
Methylene Chloride	1.0	U	20.0	19.0		ug/L		95	74 - 127
m-Xylene & p-Xylene	1.0	U	20.0	17.2		ug/L		86	78 - 120
o-Xylene	1.0	U	20.0	17.4		ug/L		87	78 - 120
Styrene	1.0	U	20.0	17.9		ug/L		89	82 - 127
TBA	10	U	200	162		ug/L		81	64 - 142
Tetrachloroethene	0.40	U	20.0	17.9		ug/L		90	70 - 127
Toluene	1.0	U	20.0	18.1		ug/L		90	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	70 - 126
trans-1,3-Dichloropropene	0.45	U	20.0	15.6		ug/L		78	71 - 127
Trichloroethene	0.28	U	20.0	17.2		ug/L		86	73 - 121
Trichlorofluoromethane	1.0	U	20.0	22.9		ug/L		114	62 - 134
Vinyl chloride	1.0	U	20.0	19.8		ug/L		99	55 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
4-Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*107*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-326553-H-3 MSD
Matrix: Water
Analysis Batch: 1039512

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.5		ug/L		103	72 - 128	1	30
1,1,2,2-Tetrachloroethane	0.20	U	20.0	18.2		ug/L		91	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.9		ug/L		114	65 - 142	2	30
1,1,2-Trichloroethane	0.58	U	20.0	17.7		ug/L		89	74 - 125	2	30
1,1-Dichloroethane	1.0	U	20.0	19.3		ug/L		97	73 - 130	2	30
1,1-Dichloroethene	1.0	U	20.0	18.2		ug/L		91	68 - 133	1	30
1,2,3-Trichlorobenzene	1.0	U	20.0	20.4		ug/L		102	55 - 150	3	30
1,2,4-Trichlorobenzene	1.0	U	20.0	18.0		ug/L		90	67 - 132	3	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	18.2		ug/L		91	58 - 132	4	30
1,2-Dichlorobenzene	1.0	U	20.0	19.5		ug/L		97	80 - 120	12	30
1,2-Dichloroethane	0.30	U	20.0	19.6		ug/L		98	66 - 129	0	30
1,2-Dichloropropane	0.92	U	20.0	18.1		ug/L		91	72 - 128	6	30

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

Lab Sample ID: 460-326553-H-3 MSD
Matrix: Water
Analysis Batch: 1039512

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	1.0	U	20.0	18.6		ug/L		93	80 - 120	6	30
1,4-Dichlorobenzene	1.0	U	20.0	18.8		ug/L		94	80 - 120	5	30
2-Butanone (MEK)	5.0	U	100	93.9		ug/L		94	65 - 142	3	30
2-Hexanone	5.0	U	100	87.7		ug/L		88	72 - 134	0	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	92.8		ug/L		93	77 - 130	2	30
Acetone	5.0	U	100	90.6		ug/L		91	60 - 133	4	30
Acrolein	4.0	U	40.0	29.2		ug/L		73	18 - 150	10	30
Acrylonitrile	2.0	U	200	204		ug/L		102	57 - 146	3	30
Benzene	0.45	U	20.0	18.8		ug/L		94	71 - 126	2	30
Bromoform	1.0	U	20.0	19.7		ug/L		99	58 - 128	1	30
Bromomethane	1.0	U	20.0	22.9		ug/L		114	33 - 150	7	30
Carbon disulfide	1.0	U	20.0	16.9		ug/L		85	35 - 150	0	30
Carbon tetrachloride	1.0	U	20.0	21.5		ug/L		108	65 - 131	2	30
Chlorobenzene	1.0	U	20.0	19.0		ug/L		95	80 - 120	2	30
Chlorobromomethane	1.0	U	20.0	19.5		ug/L		97	71 - 134	1	30
Chlorodibromomethane	0.78	U	20.0	18.8		ug/L		94	73 - 121	0	30
Chloroethane	1.0	U	20.0	22.5		ug/L		113	54 - 150	9	30
Chloroform	1.0	U	20.0	20.2		ug/L		101	78 - 125	1	30
Chloromethane	1.0	U	20.0	20.1		ug/L		100	43 - 149	10	30
cis-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		97	78 - 121	3	30
cis-1,3-Dichloropropene	0.45	U	20.0	16.4		ug/L		82	74 - 125	2	30
Cyclohexane	1.0	U	20.0	20.0		ug/L		100	64 - 142	3	30
Dichlorobromomethane	0.98	U	20.0	19.2		ug/L		96	76 - 121	0	30
Dichlorodifluoromethane	1.0	U	20.0	20.4		ug/L		102	38 - 144	7	30
Ethylbenzene	1.0	U	20.0	18.6		ug/L		93	78 - 120	3	30
Ethylene Dibromide	1.0	U	20.0	18.9		ug/L		94	79 - 126	1	30
Isopropylbenzene	1.0	U	20.0	18.6		ug/L		93	79 - 125	3	30
Methyl acetate	5.0	U	40.0	33.3		ug/L		83	50 - 147	6	30
Methyl tert-butyl ether	1.0	U	20.0	17.7		ug/L		89	72 - 131	2	30
Methylcyclohexane	1.0	U	20.0	19.2		ug/L		96	63 - 138	2	30
Methylene Chloride	1.0	U	20.0	18.6		ug/L		93	74 - 127	2	30
m-Xylene & p-Xylene	1.0	U	20.0	17.6		ug/L		88	78 - 120	2	30
o-Xylene	1.0	U	20.0	17.8		ug/L		89	78 - 120	2	30
Styrene	1.0	U	20.0	18.4		ug/L		92	82 - 127	3	30
TBA	10	U	200	157		ug/L		78	64 - 142	3	30
Tetrachloroethene	0.40	U	20.0	18.2		ug/L		91	70 - 127	1	30
Toluene	1.0	U	20.0	18.2		ug/L		91	78 - 120	1	30
trans-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	70 - 126	2	30
trans-1,3-Dichloropropene	0.45	U	20.0	15.8		ug/L		79	71 - 127	1	30
Trichloroethene	0.28	U	20.0	17.7		ug/L		89	73 - 121	3	30
Trichlorofluoromethane	1.0	U	20.0	24.8		ug/L		124	62 - 134	8	30
Vinyl chloride	1.0	U	20.0	20.9		ug/L		105	55 - 144	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
4-Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

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

Lab Sample ID: MB 460-1039554/8
Matrix: Solid
Analysis Batch: 1039554

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	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 19:44	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 19:44	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 19:44	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 19:44	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 19:44	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/25/25 19:44	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 19:44	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 19:44	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 19:44	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/25/25 19:44	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 19:44	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/25/25 19:44	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 19:44	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/25/25 19:44	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/25/25 19:44	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/25/25 19:44	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/25/25 19:44	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/25/25 19:44	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/25/25 19:44	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/25/25 19:44	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/25/25 19:44	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/25/25 19:44	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 19:44	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/25/25 19:44	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 19:44	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/25/25 19:44	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/25/25 19:44	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/25/25 19:44	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/25/25 19:44	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/25/25 19:44	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/25/25 19:44	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 19:44	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/25/25 19:44	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/25/25 19:44	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/25/25 19:44	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/25/25 19:44	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 19:44	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/25/25 19:44	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/25/25 19:44	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/25/25 19:44	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/25/25 19:44	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/25/25 19:44	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/25/25 19:44	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/25/25 19:44	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/25/25 19:44	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/25/25 19:44	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/25/25 19:44	1

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

Lab Sample ID: MB 460-1039554/8
Matrix: Solid
Analysis Batch: 1039554

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/25/25 19:44	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/25/25 19:44	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/25/25 19:44	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/25/25 19:44	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/25/25 19:44	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/25/25 19:44	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/25/25 19:44*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*		*05/25/25 19:44*	*1*
4-Bromofluorobenzene	*110*		*71 - 128*		*05/25/25 19:44*	*1*
Dibromofluoromethane (Surr)	*114*		*50 - 150*		*05/25/25 19:44*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/25/25 19:44*	*1*

Lab Sample ID: LCS 460-1039554/3
Matrix: Solid
Analysis Batch: 1039554

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	0.0200	0.0242	*	mg/Kg		121	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0166		mg/Kg		83	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0253	*	mg/Kg		126	75 - 121
1,1,2-Trichloroethane	0.0200	0.0179		mg/Kg		89	80 - 120
1,1-Dichloroethane	0.0200	0.0192		mg/Kg		96	72 - 120
1,1-Dichloroethene	0.0200	0.0229		mg/Kg		114	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0217		mg/Kg		108	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0221		mg/Kg		111	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0210		mg/Kg		105	70 - 123
1,2-Dichloropropane	0.0200	0.0177		mg/Kg		89	73 - 124
1,3-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0200	0.0223		mg/Kg		111	80 - 120
2-Butanone (MEK)	0.100	0.129	*	mg/Kg		129	64 - 128
2-Hexanone	0.100	0.107		mg/Kg		107	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.107		mg/Kg		107	80 - 120
Acetone	0.100	0.118		mg/Kg		118	58 - 122
Acrolein	0.300	0.319		mg/Kg		106	54 - 158
Acrylonitrile	0.200	0.180		mg/Kg		90	56 - 120
Benzene	0.0200	0.0191		mg/Kg		95	75 - 120
Bromoform	0.0200	0.0205		mg/Kg		102	61 - 125
Bromomethane	0.0200	0.0193		mg/Kg		97	37 - 150
Carbon disulfide	0.0200	0.0222		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0254		mg/Kg		127	66 - 127
Chlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120

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

Lab Sample ID: LCS 460-1039554/3
Matrix: Solid
Analysis Batch: 1039554

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0241		mg/Kg		121	76 - 127
Chlorodibromomethane	0.0200	0.0211		mg/Kg		105	72 - 120
Chloroethane	0.0200	0.0161		mg/Kg		80	60 - 123
Chloroform	0.0200	0.0214		mg/Kg		107	79 - 126
Chloromethane	0.0200	0.0142		mg/Kg		71	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0192		mg/Kg		96	75 - 120
Cyclohexane	0.0200	0.0218		mg/Kg		109	65 - 132
Dichlorobromomethane	0.0200	0.0203		mg/Kg		101	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0210		mg/Kg		105	80 - 120
Ethylene Dibromide	0.0200	0.0205		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0199		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0304		mg/Kg		76	57 - 120
Methyl tert-butyl ether	0.0200	0.0202		mg/Kg		101	74 - 125
Methylcyclohexane	0.0200	0.0196		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0211		mg/Kg		106	78 - 120
m-Xylene & p-Xylene	0.0200	0.0205		mg/Kg		102	80 - 120
o-Xylene	0.0200	0.0209		mg/Kg		105	80 - 120
Styrene	0.0200	0.0214		mg/Kg		107	80 - 120
TBA	0.200	0.199		mg/Kg		100	79 - 120
Tetrachloroethene	0.0200	0.0240		mg/Kg		120	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0228		mg/Kg		114	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0231		mg/Kg		116	80 - 120
Trichlorofluoromethane	0.0200	0.0246		mg/Kg		123	61 - 130
Vinyl chloride	0.0200	0.0159		mg/Kg		80	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*115*		*71 - 128*
Dibromofluoromethane (Surr)	*113*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1039554/4
Matrix: Solid
Analysis Batch: 1039554

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	0.0200	0.0234		mg/Kg		117	78 - 120	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.0148		mg/Kg		74	70 - 133	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0242		mg/Kg		121	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0163		mg/Kg		81	80 - 120	9	30
1,1-Dichloroethane	0.0200	0.0186		mg/Kg		93	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0222		mg/Kg		111	76 - 120	3	30
1,2,3-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 137	9	30
1,2,4-Trichlorobenzene	0.0200	0.0201		mg/Kg		100	77 - 136	10	30

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

Lab Sample ID: LCSD 460-1039554/4
Matrix: Solid
Analysis Batch: 1039554

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
1,2-Dibromo-3-Chloropropane	0.0200	0.0167		mg/Kg		84	80 - 124	11	30
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	9	30
1,2-Dichloroethane	0.0200	0.0213		mg/Kg		106	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0177		mg/Kg		88	73 - 124	0	30
1,3-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120	6	30
1,4-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120	11	30
2-Butanone (MEK)	0.100	0.124		mg/Kg		124	64 - 128	4	30
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120	6	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0980		mg/Kg		98	80 - 120	9	30
Acetone	0.100	0.113		mg/Kg		113	58 - 122	5	30
Acrolein	0.300	0.265		mg/Kg		88	54 - 158	19	30
Acrylonitrile	0.200	0.163		mg/Kg		82	56 - 120	10	30
Benzene	0.0200	0.0172		mg/Kg		86	75 - 120	10	30
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125	5	30
Bromomethane	0.0200	0.0195		mg/Kg		98	37 - 150	1	30
Carbon disulfide	0.0200	0.0216		mg/Kg		108	57 - 133	2	30
Carbon tetrachloride	0.0200	0.0250		mg/Kg		125	66 - 127	1	30
Chlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120	11	30
Chlorobromomethane	0.0200	0.0232		mg/Kg		116	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120	9	30
Chloroethane	0.0200	0.0178		mg/Kg		89	60 - 123	10	30
Chloroform	0.0200	0.0210		mg/Kg		105	79 - 126	2	30
Chloromethane	0.0200	0.0152		mg/Kg		76	46 - 122	6	30
cis-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		90	75 - 120	7	30
Cyclohexane	0.0200	0.0207		mg/Kg		104	65 - 132	5	30
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0253		mg/Kg		127	45 - 129	6	30
Ethylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0187		mg/Kg		93	79 - 120	9	30
Isopropylbenzene	0.0200	0.0187		mg/Kg		94	74 - 120	6	30
Methyl acetate	0.0400	0.0302		mg/Kg		75	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0191		mg/Kg		96	74 - 125	5	30
Methylcyclohexane	0.0200	0.0192		mg/Kg		96	66 - 125	2	30
Methylene Chloride	0.0200	0.0205		mg/Kg		103	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	6	30
o-Xylene	0.0200	0.0193		mg/Kg		96	80 - 120	8	30
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120	11	30
TBA	0.200	0.175		mg/Kg		88	79 - 120	13	30
Tetrachloroethene	0.0200	0.0228		mg/Kg		114	73 - 120	5	30
Toluene	0.0200	0.0180		mg/Kg		90	80 - 120	7	30
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120	9	30
Trichloroethene	0.0200	0.0215		mg/Kg		107	80 - 120	7	30
Trichlorofluoromethane	0.0200	0.0258		mg/Kg		129	61 - 130	5	30
Vinyl chloride	0.0200	0.0170		mg/Kg		85	54 - 122	7	30

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

Lab Sample ID: LCSD 460-1039554/4
Matrix: Solid
Analysis Batch: 1039554

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*107*		*71 - 128*
Dibromofluoromethane (Surr)	*115*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: MB 460-1039604/9
Matrix: Solid
Analysis Batch: 1039604

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	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:32	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/25 17:32	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:32	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:32	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:32	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/26/25 17:32	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:32	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/26/25 17:32	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:32	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/25 17:32	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/26/25 17:32	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/26/25 17:32	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:32	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/26/25 17:32	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/26/25 17:32	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/26/25 17:32	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/26/25 17:32	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/26/25 17:32	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/26/25 17:32	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/26/25 17:32	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/26/25 17:32	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/26/25 17:32	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:32	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/26/25 17:32	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/26/25 17:32	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:32	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/26/25 17:32	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:32	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/26/25 17:32	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/26/25 17:32	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:32	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:32	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/26/25 17:32	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/26/25 17:32	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/26/25 17:32	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/26/25 17:32	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/26/25 17:32	1

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

Lab Sample ID: MB 460-1039604/9
Matrix: Solid
Analysis Batch: 1039604

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			05/26/25 17:32	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/26/25 17:32	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/26/25 17:32	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/26/25 17:32	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/26/25 17:32	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/26/25 17:32	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/26/25 17:32	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/26/25 17:32	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/26/25 17:32	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/26/25 17:32	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:32	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/26/25 17:32	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:32	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/26/25 17:32	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/26/25 17:32	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/26/25 17:32	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/26/25 17:32*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*		*05/26/25 17:32*	*1*
4-Bromofluorobenzene	*80*		*71 - 128*		*05/26/25 17:32*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*		*05/26/25 17:32*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*05/26/25 17:32*	*1*

Lab Sample ID: LCS 460-1039604/4
Matrix: Solid
Analysis Batch: 1039604

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	0.0200	0.0172		mg/Kg		86	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0167		mg/Kg		83	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0208		mg/Kg		104	75 - 121
1,1,2-Trichloroethane	0.0200	0.0182		mg/Kg		91	80 - 120
1,1-Dichloroethane	0.0200	0.0189		mg/Kg		94	72 - 120
1,1-Dichloroethene	0.0200	0.0202		mg/Kg		101	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0179		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0177		mg/Kg		88	80 - 120
1,2-Dichloroethane	0.0200	0.0174		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0197		mg/Kg		99	73 - 124
1,3-Dichlorobenzene	0.0200	0.0175		mg/Kg		87	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0852		mg/Kg		85	64 - 128
2-Hexanone	0.100	0.0904		mg/Kg		90	75 - 120

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

Lab Sample ID: LCS 460-1039604/4
Matrix: Solid
Analysis Batch: 1039604

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0899		mg/Kg		90	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Acrolein	0.300	0.444		mg/Kg		148	54 - 158
Acrylonitrile	0.200	0.228		mg/Kg		114	56 - 120
Benzene	0.0200	0.0178		mg/Kg		89	75 - 120
Bromoform	0.0200	0.0218		mg/Kg		109	61 - 125
Bromomethane	0.0200	0.0249		mg/Kg		124	37 - 150
Carbon disulfide	0.0200	0.0204		mg/Kg		102	57 - 133
Carbon tetrachloride	0.0200	0.0183		mg/Kg		91	66 - 127
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0197		mg/Kg		98	72 - 120
Chloroethane	0.0200	0.0207		mg/Kg		103	60 - 123
Chloroform	0.0200	0.0182		mg/Kg		91	79 - 126
Chloromethane	0.0200	0.0236		mg/Kg		118	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0164		mg/Kg		82	75 - 120
Cyclohexane	0.0200	0.0186		mg/Kg		93	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0220		mg/Kg		110	45 - 129
Ethylbenzene	0.0200	0.0176		mg/Kg		88	80 - 120
Ethylene Dibromide	0.0200	0.0181		mg/Kg		90	79 - 120
Isopropylbenzene	0.0200	0.0175		mg/Kg		87	74 - 120
Methyl acetate	0.0400	0.0407		mg/Kg		102	57 - 120
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125
Methylcyclohexane	0.0200	0.0188		mg/Kg		94	66 - 125
Methylene Chloride	0.0200	0.0199		mg/Kg		100	78 - 120
m-Xylene & p-Xylene	0.0200	0.0171		mg/Kg		86	80 - 120
o-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120
Styrene	0.0200	0.0173		mg/Kg		87	80 - 120
TBA	0.200	0.176		mg/Kg		88	79 - 120
Tetrachloroethene	0.0200	0.0198		mg/Kg		99	73 - 120
Toluene	0.0200	0.0168		mg/Kg		84	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0161		mg/Kg		80	77 - 120
Trichloroethene	0.0200	0.0179		mg/Kg		89	80 - 120
Trichlorofluoromethane	0.0200	0.0214		mg/Kg		107	61 - 130
Vinyl chloride	0.0200	0.0231		mg/Kg		115	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*91*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

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

Lab Sample ID: LCSD 460-1039604/5
Matrix: Solid
Analysis Batch: 1039604

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			0.0200	0.0181		mg/Kg		90	78 - 120	5	30
1,1,2,2-Tetrachloroethane			0.0200	0.0155		mg/Kg		77	70 - 133	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0208		mg/Kg		104	75 - 121	0	30
1,1,2-Trichloroethane			0.0200	0.0169		mg/Kg		85	80 - 120	7	30
1,1-Dichloroethane			0.0200	0.0195		mg/Kg		97	72 - 120	3	30
1,1-Dichloroethene			0.0200	0.0210		mg/Kg		105	76 - 120	4	30
1,2,3-Trichlorobenzene			0.0200	0.0154		mg/Kg		77	77 - 137	20	30
1,2,4-Trichlorobenzene			0.0200	0.0151	*	mg/Kg		76	77 - 136	19	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0165		mg/Kg		83	80 - 124	8	30
1,2-Dichlorobenzene			0.0200	0.0164		mg/Kg		82	80 - 120	8	30
1,2-Dichloroethane			0.0200	0.0166		mg/Kg		83	70 - 123	4	30
1,2-Dichloropropane			0.0200	0.0195		mg/Kg		97	73 - 124	1	30
1,3-Dichlorobenzene			0.0200	0.0163		mg/Kg		81	80 - 120	7	30
1,4-Dichlorobenzene			0.0200	0.0165		mg/Kg		82	80 - 120	9	30
2-Butanone (MEK)			0.100	0.0811		mg/Kg		81	64 - 128	5	30
2-Hexanone			0.100	0.0864		mg/Kg		86	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0912		mg/Kg		91	80 - 120	1	30
Acetone			0.100	0.105		mg/Kg		105	58 - 122	3	30
Acrolein			0.300	0.426		mg/Kg		142	54 - 158	4	30
Acrylonitrile			0.200	0.225		mg/Kg		112	56 - 120	1	30
Benzene			0.0200	0.0184		mg/Kg		92	75 - 120	3	30
Bromoform			0.0200	0.0206		mg/Kg		103	61 - 125	6	30
Bromomethane			0.0200	0.0245		mg/Kg		123	37 - 150	1	30
Carbon disulfide			0.0200	0.0216		mg/Kg		108	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0191		mg/Kg		96	66 - 127	4	30
Chlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	1	30
Chlorobromomethane			0.0200	0.0201		mg/Kg		101	76 - 127	3	30
Chlorodibromomethane			0.0200	0.0186		mg/Kg		93	72 - 120	6	30
Chloroethane			0.0200	0.0202		mg/Kg		101	60 - 123	2	30
Chloroform			0.0200	0.0187		mg/Kg		93	79 - 126	3	30
Chloromethane			0.0200	0.0216		mg/Kg		108	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0192		mg/Kg		96	80 - 123	1	30
cis-1,3-Dichloropropene			0.0200	0.0162		mg/Kg		81	75 - 120	1	30
Cyclohexane			0.0200	0.0181		mg/Kg		91	65 - 132	3	30
Dichlorobromomethane			0.0200	0.0183		mg/Kg		92	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0222		mg/Kg		111	45 - 129	1	30
Ethylbenzene			0.0200	0.0175		mg/Kg		88	80 - 120	0	30
Ethylene Dibromide			0.0200	0.0168		mg/Kg		84	79 - 120	7	30
Isopropylbenzene			0.0200	0.0165		mg/Kg		82	74 - 120	6	30
Methyl acetate			0.0400	0.0407		mg/Kg		102	57 - 120	0	30
Methyl tert-butyl ether			0.0200	0.0165		mg/Kg		82	74 - 125	5	30
Methylcyclohexane			0.0200	0.0168		mg/Kg		84	66 - 125	11	30
Methylene Chloride			0.0200	0.0197		mg/Kg		99	78 - 120	1	30
m-Xylene & p-Xylene			0.0200	0.0170		mg/Kg		85	80 - 120	0	30
o-Xylene			0.0200	0.0170		mg/Kg		85	80 - 120	2	30
Styrene			0.0200	0.0169		mg/Kg		84	80 - 120	3	30
TBA			0.200	0.169		mg/Kg		84	79 - 120	4	30
Tetrachloroethene			0.0200	0.0197		mg/Kg		99	73 - 120	1	30

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

Lab Sample ID: LCSD 460-1039604/5
Matrix: Solid
Analysis Batch: 1039604

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
Toluene			0.0200	0.0173		mg/Kg		87	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0208		mg/Kg		104	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0151	*	mg/Kg		76	77 - 120	6	30
Trichloroethene			0.0200	0.0181		mg/Kg		91	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0213		mg/Kg		107	61 - 130	0	30
Vinyl chloride			0.0200	0.0229		mg/Kg		115	54 - 122	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 138*
4-Bromofluorobenzene	*81*		*71 - 128*
Dibromofluoromethane (Surr)	*101*		*50 - 150*
Toluene-d8 (Surr)	*92*		*71 - 126*

Lab Sample ID: MB 460-1039609/6
Matrix: Solid
Analysis Batch: 1039609

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	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/25 17:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/26/25 17:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/26/25 17:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/25 17:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/26/25 17:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/26/25 17:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/26/25 17:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/26/25 17:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/26/25 17:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/26/25 17:27	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/26/25 17:27	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/26/25 17:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/26/25 17:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/26/25 17:27	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/26/25 17:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/26/25 17:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/26/25 17:27	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/25 17:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/26/25 17:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/25 17:27	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/26/25 17:27	1

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

Lab Sample ID: MB 460-1039609/6
Matrix: Solid
Analysis Batch: 1039609

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			05/26/25 17:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/25 17:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/26/25 17:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/26/25 17:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/26/25 17:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/26/25 17:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/26/25 17:27	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/25 17:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/26/25 17:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/26/25 17:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/26/25 17:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/26/25 17:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/26/25 17:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/26/25 17:27	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/26/25 17:27	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/26/25 17:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/26/25 17:27	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/25 17:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/26/25 17:27	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/25 17:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/26/25 17:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/26/25 17:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/26/25 17:27	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/26/25 17:27*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*		*05/26/25 17:27*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*		*05/26/25 17:27*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*		*05/26/25 17:27*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*05/26/25 17:27*	*1*

Lab Sample ID: LCS 460-1039609/3
Matrix: Solid
Analysis Batch: 1039609

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	0.0200	0.0219		mg/Kg		110	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		104	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0249	*	mg/Kg		124	75 - 121
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0229		mg/Kg		114	72 - 120
1,1-Dichloroethene	0.0200	0.0235		mg/Kg		118	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0247		mg/Kg		124	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0262		mg/Kg		131	77 - 136

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

Lab Sample ID: LCS 460-1039609/3
Matrix: Solid
Analysis Batch: 1039609

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0197		mg/Kg		98	80 - 124
1,2-Dichlorobenzene	0.0200	0.0217		mg/Kg		109	80 - 120
1,2-Dichloroethane	0.0200	0.0208		mg/Kg		104	70 - 123
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124
1,3-Dichlorobenzene	0.0200	0.0215		mg/Kg		108	80 - 120
1,4-Dichlorobenzene	0.0200	0.0225		mg/Kg		112	80 - 120
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128
2-Hexanone	0.100	0.108		mg/Kg		108	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120
Acetone	0.100	0.112		mg/Kg		112	58 - 122
Acrolein	0.300	0.374		mg/Kg		125	54 - 158
Acrylonitrile	0.200	0.207		mg/Kg		103	56 - 120
Benzene	0.0200	0.0220		mg/Kg		110	75 - 120
Bromoform	0.0200	0.0195		mg/Kg		98	61 - 125
Bromomethane	0.0200	0.0223		mg/Kg		112	37 - 150
Carbon disulfide	0.0200	0.0243		mg/Kg		121	57 - 133
Carbon tetrachloride	0.0200	0.0220		mg/Kg		110	66 - 127
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		101	76 - 127
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0207		mg/Kg		103	60 - 123
Chloroform	0.0200	0.0222		mg/Kg		111	79 - 126
Chloromethane	0.0200	0.0197		mg/Kg		99	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0226		mg/Kg		113	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0217		mg/Kg		109	75 - 120
Cyclohexane	0.0200	0.0236		mg/Kg		118	65 - 132
Dichlorobromomethane	0.0200	0.0206		mg/Kg		103	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0213		mg/Kg		107	80 - 120
Ethylene Dibromide	0.0200	0.0203		mg/Kg		102	79 - 120
Isopropylbenzene	0.0200	0.0210		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0451		mg/Kg		113	57 - 120
Methyl tert-butyl ether	0.0200	0.0207		mg/Kg		104	74 - 125
Methylcyclohexane	0.0200	0.0233		mg/Kg		117	66 - 125
Methylene Chloride	0.0200	0.0220		mg/Kg		110	78 - 120
m-Xylene & p-Xylene	0.0200	0.0210		mg/Kg		105	80 - 120
o-Xylene	0.0200	0.0212		mg/Kg		106	80 - 120
Styrene	0.0200	0.0210		mg/Kg		105	80 - 120
TBA	0.200	0.201		mg/Kg		101	79 - 120
Tetrachloroethene	0.0200	0.0225		mg/Kg		113	73 - 120
Toluene	0.0200	0.0209		mg/Kg		105	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0239		mg/Kg		119	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0204		mg/Kg		102	77 - 120
Trichloroethene	0.0200	0.0221		mg/Kg		110	80 - 120
Trichlorofluoromethane	0.0200	0.0216		mg/Kg		108	61 - 130
Vinyl chloride	0.0200	0.0206		mg/Kg		103	54 - 122

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

Lab Sample ID: LCS 460-1039609/3
Matrix: Solid
Analysis Batch: 1039609

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1039609/4
Matrix: Solid
Analysis Batch: 1039609

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			0.0200	0.0187		mg/Kg		93	78 - 120	16	30
1,1,2,2-Tetrachloroethane			0.0200	0.0183		mg/Kg		92	70 - 133	12	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0224		mg/Kg		112	75 - 121	11	30
1,1,2-Trichloroethane			0.0200	0.0176		mg/Kg		88	80 - 120	12	30
1,1-Dichloroethane			0.0200	0.0198		mg/Kg		99	72 - 120	14	30
1,1-Dichloroethene			0.0200	0.0206		mg/Kg		103	76 - 120	13	30
1,2,3-Trichlorobenzene			0.0200	0.0216		mg/Kg		108	77 - 137	13	30
1,2,4-Trichlorobenzene			0.0200	0.0231		mg/Kg		116	77 - 136	12	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0160		mg/Kg		80	80 - 124	21	30
1,2-Dichlorobenzene			0.0200	0.0187		mg/Kg		93	80 - 120	15	30
1,2-Dichloroethane			0.0200	0.0184		mg/Kg		92	70 - 123	12	30
1,2-Dichloropropane			0.0200	0.0196		mg/Kg		98	73 - 124	13	30
1,3-Dichlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	10	30
1,4-Dichlorobenzene			0.0200	0.0200		mg/Kg		100	80 - 120	12	30
2-Butanone (MEK)			0.100	0.0937		mg/Kg		94	64 - 128	14	30
2-Hexanone			0.100	0.0944		mg/Kg		94	75 - 120	14	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0933		mg/Kg		93	80 - 120	12	30
Acetone			0.100	0.0930		mg/Kg		93	58 - 122	19	30
Acrolein			0.300	0.381		mg/Kg		127	54 - 158	2	30
Acrylonitrile			0.200	0.188		mg/Kg		94	56 - 120	9	30
Benzene			0.0200	0.0189		mg/Kg		94	75 - 120	15	30
Bromoform			0.0200	0.0167		mg/Kg		83	61 - 125	16	30
Bromomethane			0.0200	0.0203		mg/Kg		102	37 - 150	9	30
Carbon disulfide			0.0200	0.0217		mg/Kg		108	57 - 133	11	30
Carbon tetrachloride			0.0200	0.0193		mg/Kg		97	66 - 127	13	30
Chlorobenzene			0.0200	0.0181		mg/Kg		91	80 - 120	12	30
Chlorobromomethane			0.0200	0.0188		mg/Kg		94	76 - 127	7	30
Chlorodibromomethane			0.0200	0.0167		mg/Kg		84	72 - 120	12	30
Chloroethane			0.0200	0.0183		mg/Kg		91	60 - 123	12	30
Chloroform			0.0200	0.0203		mg/Kg		101	79 - 126	9	30
Chloromethane			0.0200	0.0179		mg/Kg		89	46 - 122	10	30
cis-1,2-Dichloroethene			0.0200	0.0195		mg/Kg		97	80 - 123	15	30
cis-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		93	75 - 120	15	30
Cyclohexane			0.0200	0.0212		mg/Kg		106	65 - 132	11	30
Dichlorobromomethane			0.0200	0.0178		mg/Kg		89	77 - 124	15	30
Dichlorodifluoromethane			0.0200	0.0210		mg/Kg		105	45 - 129	12	30
Ethylbenzene			0.0200	0.0186		mg/Kg		93	80 - 120	14	30
Ethylene Dibromide			0.0200	0.0176		mg/Kg		88	79 - 120	14	30

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

Lab Sample ID: LCSD 460-1039609/4
Matrix: Solid
Analysis Batch: 1039609

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
Isopropylbenzene			0.0200	0.0188		mg/Kg		94	74 - 120	11	30
Methyl acetate			0.0400	0.0402		mg/Kg		101	57 - 120	11	30
Methyl tert-butyl ether			0.0200	0.0186		mg/Kg		93	74 - 125	11	30
Methylcyclohexane			0.0200	0.0208		mg/Kg		104	66 - 125	12	30
Methylene Chloride			0.0200	0.0199		mg/Kg		100	78 - 120	10	30
m-Xylene & p-Xylene			0.0200	0.0179		mg/Kg		89	80 - 120	16	30
o-Xylene			0.0200	0.0182		mg/Kg		91	80 - 120	15	30
Styrene			0.0200	0.0182		mg/Kg		91	80 - 120	14	30
TBA			0.200	0.176		mg/Kg		88	79 - 120	14	30
Tetrachloroethene			0.0200	0.0202		mg/Kg		101	73 - 120	11	30
Toluene			0.0200	0.0179		mg/Kg		90	80 - 120	15	30
trans-1,2-Dichloroethene			0.0200	0.0207		mg/Kg		103	78 - 120	14	30
trans-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	77 - 120	13	30
Trichloroethene			0.0200	0.0187		mg/Kg		93	80 - 120	17	30
Trichlorofluoromethane			0.0200	0.0196		mg/Kg		98	61 - 130	10	30
Vinyl chloride			0.0200	0.0177		mg/Kg		89	54 - 122	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*104*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: MB 460-1039663/8
Matrix: Solid
Analysis Batch: 1039663

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	0.050	U	0.050	0.014	mg/Kg			05/27/25 10:00	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/27/25 10:00	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/27/25 10:00	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/27/25 10:00	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/27/25 10:00	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			05/27/25 10:00	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/27/25 10:00	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/27/25 10:00	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/27/25 10:00	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/27/25 10:00	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/27/25 10:00	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/27/25 10:00	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/27/25 10:00	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/27/25 10:00	50
Acrolein	0.25	U	0.25	0.12	mg/Kg			05/27/25 10:00	50
Acrylonitrile	0.50	U	0.50	0.091	mg/Kg			05/27/25 10:00	50

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

Lab Sample ID: MB 460-1039663/8
Matrix: Solid
Analysis Batch: 1039663

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.050	U	0.050	0.010	mg/Kg			05/27/25 10:00	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/27/25 10:00	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/27/25 10:00	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/27/25 10:00	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/27/25 10:00	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/27/25 10:00	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/27/25 10:00	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/27/25 10:00	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/27/25 10:00	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/27/25 10:00	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/27/25 10:00	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/27/25 10:00	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/27/25 10:00	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/27/25 10:00	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/27/25 10:00	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/27/25 10:00	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/27/25 10:00	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/27/25 10:00	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/27/25 10:00	50
TBA	0.50	U	0.50	0.41	mg/Kg			05/27/25 10:00	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/27/25 10:00	50
Toluene	0.050	U	0.050	0.013	mg/Kg			05/27/25 10:00	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/27/25 10:00	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/27/25 10:00	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/27/25 10:00	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/27/25 10:00	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/27/25 10:00*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 150*		*05/27/25 10:00*	*50*
4-Bromofluorobenzene	*112*		*70 - 150*		*05/27/25 10:00*	*50*
Dibromofluoromethane (Surr)	*102*		*68 - 150*		*05/27/25 10:00*	*50*
Toluene-d8 (Surr)	*104*		*64 - 157*		*05/27/25 10:00*	*50*

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

Lab Sample ID: LCS 460-1039663/3
Matrix: Solid
Analysis Batch: 1039663

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	1.00	0.941		mg/Kg		94	76 - 120
1,1,2,2-Tetrachloroethane	1.00	0.910		mg/Kg		91	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.01		mg/Kg		101	79 - 120
1,1,2-Trichloroethane	1.00	0.927		mg/Kg		93	80 - 120
1,1-Dichloroethane	1.00	0.903		mg/Kg		90	70 - 120
1,1-Dichloroethene	1.00	0.963		mg/Kg		96	69 - 120
1,2,3-Trichlorobenzene	1.00	1.25		mg/Kg		125	80 - 137
1,2,4-Trichlorobenzene	1.00	1.06		mg/Kg		106	80 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.835		mg/Kg		84	68 - 134
1,2-Dichlorobenzene	1.00	1.01		mg/Kg		101	80 - 120
1,2-Dichloroethane	1.00	1.04		mg/Kg		104	72 - 124
1,2-Dichloropropane	1.00	0.921		mg/Kg		92	74 - 120
1,3-Dichlorobenzene	1.00	0.999		mg/Kg		100	80 - 120
1,4-Dichlorobenzene	1.00	0.975		mg/Kg		97	80 - 120
2-Butanone (MEK)	5.00	5.03		mg/Kg		101	64 - 121
2-Hexanone	5.00	5.33		mg/Kg		107	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.00		mg/Kg		100	64 - 127
Acetone	5.00	5.31		mg/Kg		106	52 - 127
Acrolein	2.00	1.85		mg/Kg		93	10 - 150
Acrylonitrile	10.0	9.92		mg/Kg		99	50 - 130
Benzene	1.00	0.865		mg/Kg		87	75 - 120
Bromoform	1.00	0.985		mg/Kg		99	68 - 122
Bromomethane	1.00	0.915		mg/Kg		92	16 - 125
Carbon disulfide	1.00	0.929		mg/Kg		93	59 - 127
Carbon tetrachloride	1.00	0.965		mg/Kg		97	77 - 120
Chlorobenzene	1.00	0.970		mg/Kg		97	80 - 120
Chlorobromomethane	1.00	1.08		mg/Kg		108	77 - 120
Chlorodibromomethane	1.00	0.988		mg/Kg		99	80 - 120
Chloroethane	1.00	1.01		mg/Kg		101	61 - 140
Chloroform	1.00	0.963		mg/Kg		96	73 - 120
Chloromethane	1.00	0.976		mg/Kg		98	42 - 136
cis-1,2-Dichloroethene	1.00	0.946		mg/Kg		95	73 - 120
cis-1,3-Dichloropropene	1.00	0.879		mg/Kg		88	79 - 120
Cyclohexane	1.00	1.14		mg/Kg		114	76 - 125
Dichlorobromomethane	1.00	0.927		mg/Kg		93	77 - 120
Dichlorodifluoromethane	1.00	0.969		mg/Kg		97	39 - 140
Ethylbenzene	1.00	0.953		mg/Kg		95	80 - 121
Ethylene Dibromide	1.00	0.998		mg/Kg		100	80 - 120
Isopropylbenzene	1.00	1.02		mg/Kg		102	74 - 125
Methyl acetate	2.00	1.94		mg/Kg		97	40 - 130
Methyl tert-butyl ether	1.00	0.944		mg/Kg		94	77 - 125
Methylcyclohexane	1.00	1.04		mg/Kg		104	75 - 127
Methylene Chloride	1.00	0.975		mg/Kg		97	73 - 120
m-Xylene & p-Xylene	1.00	0.991		mg/Kg		99	79 - 120
o-Xylene	1.00	1.01		mg/Kg		101	80 - 123
Styrene	1.00	1.02		mg/Kg		102	80 - 124
TBA	10.0	9.48		mg/Kg		95	75 - 120
Tetrachloroethene	1.00	0.939		mg/Kg		94	78 - 120

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

Lab Sample ID: LCS 460-1039663/3
Matrix: Solid
Analysis Batch: 1039663

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			1.00	0.950		mg/Kg		95	80 - 120		
trans-1,2-Dichloroethene			1.00	0.919		mg/Kg		92	70 - 120		
trans-1,3-Dichloropropene			1.00	0.909		mg/Kg		91	73 - 120		
Trichloroethene			1.00	0.949		mg/Kg		95	77 - 120		
Trichlorofluoromethane			1.00	1.09		mg/Kg		109	61 - 143		
Vinyl chloride			1.00	1.03		mg/Kg		103	50 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 150*
4-Bromofluorobenzene	*110*		*70 - 150*
Dibromofluoromethane (Surr)	*96*		*68 - 150*
Toluene-d8 (Surr)	*98*		*64 - 157*

Lab Sample ID: LCSD 460-1039663/4
Matrix: Solid
Analysis Batch: 1039663

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			1.00	0.971		mg/Kg		97	76 - 120	3	30
1,1,2,2-Tetrachloroethane			1.00	0.920		mg/Kg		92	72 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.12		mg/Kg		112	79 - 120	10	30
1,1,2-Trichloroethane			1.00	0.867		mg/Kg		87	80 - 120	7	30
1,1-Dichloroethane			1.00	0.968		mg/Kg		97	70 - 120	7	30
1,1-Dichloroethene			1.00	1.08		mg/Kg		108	69 - 120	11	30
1,2,3-Trichlorobenzene			1.00	1.39	*	mg/Kg		139	80 - 137	11	30
1,2,4-Trichlorobenzene			1.00	1.13		mg/Kg		113	80 - 134	6	30
1,2-Dibromo-3-Chloropropane			1.00	0.842		mg/Kg		84	68 - 134	1	30
1,2-Dichlorobenzene			1.00	0.985		mg/Kg		98	80 - 120	2	30
1,2-Dichloroethane			1.00	1.03		mg/Kg		103	72 - 124	1	30
1,2-Dichloropropane			1.00	0.949		mg/Kg		95	74 - 120	3	30
1,3-Dichlorobenzene			1.00	0.986		mg/Kg		99	80 - 120	1	30
1,4-Dichlorobenzene			1.00	0.974		mg/Kg		97	80 - 120	0	30
2-Butanone (MEK)			5.00	5.14		mg/Kg		103	64 - 121	2	30
2-Hexanone			5.00	5.23		mg/Kg		105	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)			5.00	5.21		mg/Kg		104	64 - 127	4	30
Acetone			5.00	5.69		mg/Kg		114	52 - 127	7	30
Acrolein			2.00	2.29		mg/Kg		115	10 - 150	21	30
Acrylonitrile			10.0	9.10		mg/Kg		91	50 - 130	9	30
Benzene			1.00	0.897		mg/Kg		90	75 - 120	4	30
Bromoform			1.00	0.958		mg/Kg		96	68 - 122	3	30
Bromomethane			1.00	0.948		mg/Kg		95	16 - 125	4	30
Carbon disulfide			1.00	0.972		mg/Kg		97	59 - 127	5	30
Carbon tetrachloride			1.00	1.01		mg/Kg		101	77 - 120	4	30
Chlorobenzene			1.00	0.964		mg/Kg		96	80 - 120	1	30
Chlorobromomethane			1.00	1.03		mg/Kg		103	77 - 120	5	30
Chlorodibromomethane			1.00	0.947		mg/Kg		95	80 - 120	4	30
Chloroethane			1.00	0.940		mg/Kg		94	61 - 140	7	30
Chloroform			1.00	0.952		mg/Kg		95	73 - 120	1	30

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

Lab Sample ID: LCSD 460-1039663/4
Matrix: Solid
Analysis Batch: 1039663

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	1.00	0.925		mg/Kg		93	42 - 136	5	30
cis-1,2-Dichloroethene	1.00	0.974		mg/Kg		97	73 - 120	3	30
cis-1,3-Dichloropropene	1.00	0.862		mg/Kg		86	79 - 120	2	30
Cyclohexane	1.00	1.16		mg/Kg		116	76 - 125	2	30
Dichlorobromomethane	1.00	0.936		mg/Kg		94	77 - 120	1	30
Dichlorodifluoromethane	1.00	0.877		mg/Kg		88	39 - 140	10	30
Ethylbenzene	1.00	0.910		mg/Kg		91	80 - 121	5	30
Ethylene Dibromide	1.00	0.940		mg/Kg		94	80 - 120	6	30
Isopropylbenzene	1.00	1.06		mg/Kg		106	74 - 125	3	30
Methyl acetate	2.00	1.77		mg/Kg		89	40 - 130	9	30
Methyl tert-butyl ether	1.00	0.990		mg/Kg		99	77 - 125	5	30
Methylcyclohexane	1.00	1.13		mg/Kg		113	75 - 127	8	30
Methylene Chloride	1.00	0.991		mg/Kg		99	73 - 120	2	30
m-Xylene & p-Xylene	1.00	1.01		mg/Kg		101	79 - 120	2	30
o-Xylene	1.00	0.993		mg/Kg		99	80 - 123	2	30
Styrene	1.00	0.954		mg/Kg		95	80 - 124	6	30
TBA	10.0	9.93		mg/Kg		99	75 - 120	5	30
Tetrachloroethene	1.00	0.943		mg/Kg		94	78 - 120	0	30
Toluene	1.00	0.950		mg/Kg		95	80 - 120	0	30
trans-1,2-Dichloroethene	1.00	0.940		mg/Kg		94	70 - 120	2	30
trans-1,3-Dichloropropene	1.00	0.898		mg/Kg		90	73 - 120	1	30
Trichloroethene	1.00	0.928		mg/Kg		93	77 - 120	2	30
Trichlorofluoromethane	1.00	1.02		mg/Kg		102	61 - 143	6	30
Vinyl chloride	1.00	0.937		mg/Kg		94	50 - 131	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*60 - 150*
4-Bromofluorobenzene	*96*		*70 - 150*
Dibromofluoromethane (Surr)	*90*		*68 - 150*
Toluene-d8 (Surr)	*88*		*64 - 157*

Lab Sample ID: MB 460-1039694/8
Matrix: Solid
Analysis Batch: 1039694

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	0.0010	U	0.0010	0.00023	mg/Kg			05/27/25 12:20	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/27/25 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/27/25 12:20	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/25 12:20	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/25 12:20	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/27/25 12:20	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/27/25 12:20	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/25 12:20	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/27/25 12:20	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/25 12:20	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/27/25 12:20	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/27/25 12:20	1

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

Lab Sample ID: MB 460-1039694/8
Matrix: Solid
Analysis Batch: 1039694

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/27/25 12:20	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/27/25 12:20	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/27/25 12:20	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/27/25 12:20	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/27/25 12:20	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/27/25 12:20	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/27/25 12:20	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/27/25 12:20	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/27/25 12:20	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/27/25 12:20	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/27/25 12:20	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/27/25 12:20	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/27/25 12:20	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/27/25 12:20	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/25 12:20	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/27/25 12:20	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/27/25 12:20	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/27/25 12:20	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/27/25 12:20	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/25 12:20	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/27/25 12:20	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/27/25 12:20	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/27/25 12:20	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/27/25 12:20	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/27/25 12:20	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/27/25 12:20	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/27/25 12:20	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/27/25 12:20	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/27/25 12:20	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/27/25 12:20	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/27/25 12:20	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/27/25 12:20	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/27/25 12:20	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/27/25 12:20	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/27/25 12:20	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/27/25 12:20	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/27/25 12:20	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/27/25 12:20	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/27/25 12:20	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/27/25 12:20	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/27/25 12:20	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/27/25 12:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/27/25 12:20*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*		*05/27/25 12:20*	*1*

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

Lab Sample ID: MB 460-1039694/8
Matrix: Solid
Analysis Batch: 1039694

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*114*		*71 - 128*		*05/27/25 12:20*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*		*05/27/25 12:20*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/27/25 12:20*	*1*

Lab Sample ID: LCS 460-1039694/2
Matrix: Solid
Analysis Batch: 1039694

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	0.0200	0.0217		mg/Kg		109	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0248	*	mg/Kg		124	75 - 121
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0217		mg/Kg		109	72 - 120
1,1-Dichloroethene	0.0200	0.0221		mg/Kg		110	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0246		mg/Kg		123	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0264		mg/Kg		132	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0189		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		101	70 - 123
1,2-Dichloropropane	0.0200	0.0223		mg/Kg		112	73 - 124
1,3-Dichlorobenzene	0.0200	0.0224		mg/Kg		112	80 - 120
1,4-Dichlorobenzene	0.0200	0.0226		mg/Kg		113	80 - 120
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	64 - 128
2-Hexanone	0.100	0.105		mg/Kg		105	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.109		mg/Kg		109	58 - 122
Acrolein	0.300	0.276		mg/Kg		92	54 - 158
Acrylonitrile	0.200	0.201		mg/Kg		101	56 - 120
Benzene	0.0200	0.0212		mg/Kg		106	75 - 120
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125
Bromomethane	0.0200	0.0256		mg/Kg		128	37 - 150
Carbon disulfide	0.0200	0.0234		mg/Kg		117	57 - 133
Carbon tetrachloride	0.0200	0.0218		mg/Kg		109	66 - 127
Chlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Chlorobromomethane	0.0200	0.0209		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0182		mg/Kg		91	72 - 120
Chloroethane	0.0200	0.0240		mg/Kg		120	60 - 123
Chloroform	0.0200	0.0220		mg/Kg		110	79 - 126
Chloromethane	0.0200	0.0222		mg/Kg		111	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0218		mg/Kg		109	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0211		mg/Kg		106	75 - 120
Cyclohexane	0.0200	0.0236		mg/Kg		118	65 - 132
Dichlorobromomethane	0.0200	0.0198		mg/Kg		99	77 - 124
Dichlorodifluoromethane	0.0200	0.0238		mg/Kg		119	45 - 129
Ethylbenzene	0.0200	0.0209		mg/Kg		105	80 - 120
Ethylene Dibromide	0.0200	0.0199		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0209		mg/Kg		105	74 - 120

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

Lab Sample ID: LCS 460-1039694/2
Matrix: Solid
Analysis Batch: 1039694

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	0.0400	0.0433		mg/Kg		108	57 - 120
Methyl tert-butyl ether	0.0200	0.0208		mg/Kg		104	74 - 125
Methylcyclohexane	0.0200	0.0229		mg/Kg		114	66 - 125
Methylene Chloride	0.0200	0.0223		mg/Kg		111	78 - 120
m-Xylene & p-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120
o-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120
Styrene	0.0200	0.0208		mg/Kg		104	80 - 120
TBA	0.200	0.193		mg/Kg		96	79 - 120
Tetrachloroethene	0.0200	0.0223		mg/Kg		111	73 - 120
Toluene	0.0200	0.0200		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	77 - 120
Trichloroethene	0.0200	0.0220		mg/Kg		110	80 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	61 - 130
Vinyl chloride	0.0200	0.0230		mg/Kg		115	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*102*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LCSD 460-1039694/3
Matrix: Solid
Analysis Batch: 1039694

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	0.0200	0.0221		mg/Kg		110	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0194		mg/Kg		97	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0248	*	mg/Kg		124	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		95	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0218		mg/Kg		109	72 - 120	0	30
1,1-Dichloroethene	0.0200	0.0220		mg/Kg		110	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0248		mg/Kg		124	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0249		mg/Kg		124	77 - 136	6	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0182		mg/Kg		91	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0206		mg/Kg		103	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124	1	30
1,3-Dichlorobenzene	0.0200	0.0213		mg/Kg		107	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0215		mg/Kg		107	80 - 120	5	30
2-Butanone (MEK)	0.100	0.108		mg/Kg		108	64 - 128	2	30
2-Hexanone	0.100	0.105		mg/Kg		105	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120	0	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	2	30
Acrolein	0.300	0.272		mg/Kg		91	54 - 158	1	30
Acrylonitrile	0.200	0.203		mg/Kg		101	56 - 120	1	30
Benzene	0.0200	0.0208		mg/Kg		104	75 - 120	2	30

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

Lab Sample ID: LCSD 460-1039694/3
Matrix: Solid
Analysis Batch: 1039694

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
Bromoform	0.0200	0.0187		mg/Kg		93	61 - 125	1	30
Bromomethane	0.0200	0.0257		mg/Kg		128	37 - 150	0	30
Carbon disulfide	0.0200	0.0237		mg/Kg		119	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0215		mg/Kg		108	66 - 127	1	30
Chlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	0	30
Chlorobromomethane	0.0200	0.0218		mg/Kg		109	76 - 127	5	30
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120	5	30
Chloroethane	0.0200	0.0247	*	mg/Kg		124	60 - 123	3	30
Chloroform	0.0200	0.0219		mg/Kg		109	79 - 126	1	30
Chloromethane	0.0200	0.0230		mg/Kg		115	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	75 - 120	2	30
Cyclohexane	0.0200	0.0233		mg/Kg		117	65 - 132	1	30
Dichlorobromomethane	0.0200	0.0205		mg/Kg		102	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0245		mg/Kg		122	45 - 129	3	30
Ethylbenzene	0.0200	0.0207		mg/Kg		104	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120	3	30
Isopropylbenzene	0.0200	0.0203		mg/Kg		102	74 - 120	3	30
Methyl acetate	0.0400	0.0432		mg/Kg		108	57 - 120	0	30
Methyl tert-butyl ether	0.0200	0.0211		mg/Kg		105	74 - 125	2	30
Methylcyclohexane	0.0200	0.0232		mg/Kg		116	66 - 125	1	30
Methylene Chloride	0.0200	0.0223		mg/Kg		111	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	3	30
o-Xylene	0.0200	0.0203		mg/Kg		102	80 - 120	2	30
Styrene	0.0200	0.0201		mg/Kg		101	80 - 120	3	30
TBA	0.200	0.194		mg/Kg		97	79 - 120	0	30
Tetrachloroethene	0.0200	0.0222		mg/Kg		111	73 - 120	1	30
Toluene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0232		mg/Kg		116	78 - 120	4	30
trans-1,3-Dichloropropene	0.0200	0.0192		mg/Kg		96	77 - 120	2	30
Trichloroethene	0.0200	0.0218		mg/Kg		109	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0229		mg/Kg		114	61 - 130	4	30
Vinyl chloride	0.0200	0.0240		mg/Kg		120	54 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*104*		*71 - 128*
Dibromofluoromethane (Surr)	*106*		*50 - 150*
Toluene-d8 (Surr)	*97*		*71 - 126*

Lab Sample ID: MB 460-1039794/7
Matrix: Water
Analysis Batch: 1039794

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	0.24	ug/L			05/27/25 19:42	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/27/25 19:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/27/25 19:42	1

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

Lab Sample ID: MB 460-1039794/7
Matrix: Water
Analysis Batch: 1039794

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/27/25 19:42	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/27/25 19:42	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/27/25 19:42	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/27/25 19:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/27/25 19:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/27/25 19:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/27/25 19:42	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/27/25 19:42	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/27/25 19:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/27/25 19:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/27/25 19:42	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/27/25 19:42	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/27/25 19:42	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/27/25 19:42	1
Acetone	5.0	U	5.0	4.4	ug/L			05/27/25 19:42	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/27/25 19:42	1
Acrylonitrile	2.0	U	2.0	1.8	ug/L			05/27/25 19:42	1
Benzene	0.45	U	0.45	0.070	ug/L			05/27/25 19:42	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/27/25 19:42	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/27/25 19:42	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/27/25 19:42	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/27/25 19:42	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/27/25 19:42	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/27/25 19:42	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/27/25 19:42	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/27/25 19:42	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/27/25 19:42	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/27/25 19:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/27/25 19:42	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/27/25 19:42	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/27/25 19:42	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/27/25 19:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/27/25 19:42	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/27/25 19:42	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/27/25 19:42	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/27/25 19:42	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/27/25 19:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/27/25 19:42	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/27/25 19:42	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/27/25 19:42	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/27/25 19:42	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/27/25 19:42	1
Styrene	1.0	U	1.0	0.42	ug/L			05/27/25 19:42	1
TBA	10	U	10	8.3	ug/L			05/27/25 19:42	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/27/25 19:42	1
Toluene	1.0	U	1.0	0.38	ug/L			05/27/25 19:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/27/25 19:42	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/27/25 19:42	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/27/25 19:42	1

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

Lab Sample ID: MB 460-1039794/7
Matrix: Water
Analysis Batch: 1039794

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/27/25 19:42	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/27/25 19:42	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/27/25 19:42*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*05/27/25 19:42*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*05/27/25 19:42*	*1*
Dibromofluoromethane (Surr)	*119*		*77 - 132*		*05/27/25 19:42*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/27/25 19:42*	*1*

Lab Sample ID: LCS 460-1039794/3
Matrix: Water
Analysis Batch: 1039794

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	21.5		ug/L		108	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.6		ug/L		108	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.8		ug/L		114	65 - 142
1,1,2-Trichloroethane	20.0	23.5		ug/L		118	74 - 125
1,1-Dichloroethane	20.0	23.6		ug/L		118	73 - 130
1,1-Dichloroethene	20.0	22.4		ug/L		112	68 - 133
1,2,3-Trichlorobenzene	20.0	21.8		ug/L		109	55 - 150
1,2,4-Trichlorobenzene	20.0	20.6		ug/L		103	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.4		ug/L		107	58 - 132
1,2-Dichlorobenzene	20.0	21.3		ug/L		106	80 - 120
1,2-Dichloroethane	20.0	20.4		ug/L		102	66 - 129
1,2-Dichloropropane	20.0	23.8		ug/L		119	72 - 128
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 120
2-Butanone (MEK)	100	109		ug/L		109	65 - 142
2-Hexanone	100	112		ug/L		112	72 - 134
4-Methyl-2-pentanone (MIBK)	100	113		ug/L		113	77 - 130
Acetone	100	105		ug/L		105	60 - 133
Acrolein	40.0	74.9	*	ug/L		187	18 - 150
Acrylonitrile	200	263		ug/L		131	57 - 146
Benzene	20.0	21.2		ug/L		106	71 - 126
Bromoform	20.0	22.9		ug/L		114	58 - 128
Bromomethane	20.0	17.6		ug/L		88	33 - 150
Carbon disulfide	20.0	23.2		ug/L		116	35 - 150
Carbon tetrachloride	20.0	21.3		ug/L		106	65 - 131
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120
Chlorobromomethane	20.0	24.6		ug/L		123	71 - 134
Chlorodibromomethane	20.0	21.1		ug/L		106	73 - 121
Chloroethane	20.0	20.3		ug/L		102	54 - 150
Chloroform	20.0	22.7		ug/L		113	78 - 125

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

Lab Sample ID: LCS 460-1039794/3
Matrix: Water
Analysis Batch: 1039794

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	18.1		ug/L		90	43 - 149
cis-1,2-Dichloroethene	20.0	22.6		ug/L		113	78 - 121
cis-1,3-Dichloropropene	20.0	20.7		ug/L		103	74 - 125
Cyclohexane	20.0	21.5		ug/L		107	64 - 142
Dichlorobromomethane	20.0	21.8		ug/L		109	76 - 121
Dichlorodifluoromethane	20.0	17.9		ug/L		90	38 - 144
Ethylbenzene	20.0	19.1		ug/L		95	78 - 120
Ethylene Dibromide	20.0	21.0		ug/L		105	79 - 126
Isopropylbenzene	20.0	19.4		ug/L		97	79 - 125
Methyl acetate	40.0	46.7		ug/L		117	50 - 147
Methyl tert-butyl ether	20.0	22.1		ug/L		111	72 - 131
Methylcyclohexane	20.0	20.2		ug/L		101	63 - 138
Methylene Chloride	20.0	24.3		ug/L		121	74 - 127
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	78 - 120
o-Xylene	20.0	19.4		ug/L		97	78 - 120
Styrene	20.0	20.9		ug/L		104	82 - 127
TBA	200	225		ug/L		112	64 - 142
Tetrachloroethene	20.0	21.3		ug/L		106	70 - 127
Toluene	20.0	19.0		ug/L		95	78 - 120
trans-1,2-Dichloroethene	20.0	23.6		ug/L		118	70 - 126
trans-1,3-Dichloropropene	20.0	19.9		ug/L		99	71 - 127
Trichloroethene	20.0	22.3		ug/L		112	73 - 121
Trichlorofluoromethane	20.0	20.8		ug/L		104	62 - 134
Vinyl chloride	20.0	19.1		ug/L		95	55 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
4-Bromofluorobenzene	*108*		*76 - 120*
Dibromofluoromethane (Surr)	*113*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-1039794/4
Matrix: Water
Analysis Batch: 1039794

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	19.6		ug/L		98	72 - 128	9	30
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	63 - 139	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.4		ug/L		107	65 - 142	6	30
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125	11	30
1,1-Dichloroethane	20.0	22.2		ug/L		111	73 - 130	6	30
1,1-Dichloroethene	20.0	20.2		ug/L		101	68 - 133	10	30
1,2,3-Trichlorobenzene	20.0	20.3		ug/L		101	55 - 150	7	30
1,2,4-Trichlorobenzene	20.0	19.2		ug/L		96	67 - 132	7	30
1,2-Dibromo-3-Chloropropane	20.0	20.3		ug/L		101	58 - 132	6	30
1,2-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 120	9	30
1,2-Dichloroethane	20.0	18.2		ug/L		91	66 - 129	12	30
1,2-Dichloropropane	20.0	21.9		ug/L		110	72 - 128	8	30

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

Lab Sample ID: LCSD 460-1039794/4
Matrix: Water
Analysis Batch: 1039794

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
1,3-Dichlorobenzene	20.0	18.9		ug/L		95	80 - 120	8	30
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120	9	30
2-Butanone (MEK)	100	95.8		ug/L		96	65 - 142	13	30
2-Hexanone	100	93.0		ug/L		93	72 - 134	18	30
4-Methyl-2-pentanone (MIBK)	100	98.9		ug/L		99	77 - 130	13	30
Acetone	100	95.5		ug/L		95	60 - 133	10	30
Acrolein	40.0	65.1	*	ug/L		163	18 - 150	14	30
Acrylonitrile	200	238		ug/L		119	57 - 146	10	30
Benzene	20.0	20.3		ug/L		102	71 - 126	4	30
Bromoform	20.0	20.5		ug/L		103	58 - 128	11	30
Bromomethane	20.0	16.0		ug/L		80	33 - 150	9	30
Carbon disulfide	20.0	21.3		ug/L		107	35 - 150	8	30
Carbon tetrachloride	20.0	19.4		ug/L		97	65 - 131	9	30
Chlorobenzene	20.0	19.1		ug/L		96	80 - 120	9	30
Chlorobromomethane	20.0	22.6		ug/L		113	71 - 134	9	30
Chlorodibromomethane	20.0	18.5		ug/L		93	73 - 121	13	30
Chloroethane	20.0	17.8		ug/L		89	54 - 150	13	30
Chloroform	20.0	20.7		ug/L		104	78 - 125	9	30
Chloromethane	20.0	16.1		ug/L		81	43 - 149	12	30
cis-1,2-Dichloroethene	20.0	21.1		ug/L		105	78 - 121	7	30
cis-1,3-Dichloropropene	20.0	18.4		ug/L		92	74 - 125	12	30
Cyclohexane	20.0	19.5		ug/L		98	64 - 142	9	30
Dichlorobromomethane	20.0	19.5		ug/L		97	76 - 121	11	30
Dichlorodifluoromethane	20.0	16.3		ug/L		82	38 - 144	9	30
Ethylbenzene	20.0	17.9		ug/L		89	78 - 120	6	30
Ethylene Dibromide	20.0	18.5		ug/L		92	79 - 126	13	30
Isopropylbenzene	20.0	18.5		ug/L		92	79 - 125	5	30
Methyl acetate	40.0	44.6		ug/L		111	50 - 147	5	30
Methyl tert-butyl ether	20.0	19.7		ug/L		99	72 - 131	11	30
Methylcyclohexane	20.0	18.6		ug/L		93	63 - 138	9	30
Methylene Chloride	20.0	22.0		ug/L		110	74 - 127	10	30
m-Xylene & p-Xylene	20.0	17.7		ug/L		89	78 - 120	10	30
o-Xylene	20.0	18.1		ug/L		90	78 - 120	7	30
Styrene	20.0	18.9		ug/L		95	82 - 127	10	30
TBA	200	216		ug/L		108	64 - 142	4	30
Tetrachloroethene	20.0	20.1		ug/L		101	70 - 127	6	30
Toluene	20.0	17.6		ug/L		88	78 - 120	8	30
trans-1,2-Dichloroethene	20.0	22.0		ug/L		110	70 - 126	7	30
trans-1,3-Dichloropropene	20.0	17.1		ug/L		86	71 - 127	15	30
Trichloroethene	20.0	19.8		ug/L		99	73 - 121	12	30
Trichlorofluoromethane	20.0	18.6		ug/L		93	62 - 134	11	30
Vinyl chloride	20.0	17.0		ug/L		85	55 - 144	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*114*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: MB 460-1039833/9
Matrix: Solid
Analysis Batch: 1039833

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	0.050	U	0.050	0.014	mg/Kg			05/27/25 23:08	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/27/25 23:08	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/27/25 23:08	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/27/25 23:08	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/27/25 23:08	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			05/27/25 23:08	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/27/25 23:08	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/27/25 23:08	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/27/25 23:08	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/27/25 23:08	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/27/25 23:08	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/27/25 23:08	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/27/25 23:08	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/27/25 23:08	50
Acrolein	0.25	U	0.25	0.12	mg/Kg			05/27/25 23:08	50
Acrylonitrile	0.50	U	0.50	0.091	mg/Kg			05/27/25 23:08	50
Benzene	0.050	U	0.050	0.010	mg/Kg			05/27/25 23:08	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/27/25 23:08	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/27/25 23:08	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/27/25 23:08	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/27/25 23:08	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/27/25 23:08	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/27/25 23:08	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/27/25 23:08	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/27/25 23:08	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/27/25 23:08	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/27/25 23:08	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/27/25 23:08	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/27/25 23:08	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/27/25 23:08	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/27/25 23:08	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/27/25 23:08	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/27/25 23:08	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/27/25 23:08	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/27/25 23:08	50
TBA	0.50	U	0.50	0.41	mg/Kg			05/27/25 23:08	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/27/25 23:08	50

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

Lab Sample ID: MB 460-1039833/9
Matrix: Solid
Analysis Batch: 1039833

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.050	U	0.050	0.013	mg/Kg			05/27/25 23:08	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/27/25 23:08	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/27/25 23:08	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/27/25 23:08	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/27/25 23:08	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/27/25 23:08*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 150*		*05/27/25 23:08*	*50*
4-Bromofluorobenzene	*112*		*70 - 150*		*05/27/25 23:08*	*50*
Dibromofluoromethane (Surr)	*95*		*68 - 150*		*05/27/25 23:08*	*50*
Toluene-d8 (Surr)	*101*		*64 - 157*		*05/27/25 23:08*	*50*

Lab Sample ID: LCS 460-1039833/4
Matrix: Solid
Analysis Batch: 1039833

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	1.00	0.844		mg/Kg		84	76 - 120
1,1,2,2-Tetrachloroethane	1.00	0.948		mg/Kg		95	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.915		mg/Kg		92	79 - 120
1,1,2-Trichloroethane	1.00	0.873		mg/Kg		87	80 - 120
1,1-Dichloroethane	1.00	0.840		mg/Kg		84	70 - 120
1,1-Dichloroethene	1.00	0.828		mg/Kg		83	69 - 120
1,2,3-Trichlorobenzene	1.00	1.26		mg/Kg		126	80 - 137
1,2,4-Trichlorobenzene	1.00	1.10		mg/Kg		110	80 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.807		mg/Kg		81	68 - 134
1,2-Dichlorobenzene	1.00	0.956		mg/Kg		96	80 - 120
1,2-Dichloroethane	1.00	0.915		mg/Kg		91	72 - 124
1,2-Dichloropropane	1.00	0.892		mg/Kg		89	74 - 120
1,3-Dichlorobenzene	1.00	1.00		mg/Kg		100	80 - 120
1,4-Dichlorobenzene	1.00	0.956		mg/Kg		96	80 - 120
2-Butanone (MEK)	5.00	5.04		mg/Kg		101	64 - 121
2-Hexanone	5.00	5.27		mg/Kg		105	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.00		mg/Kg		100	64 - 127
Acetone	5.00	4.81		mg/Kg		96	52 - 127
Acrolein	2.00	2.11		mg/Kg		106	10 - 150
Acrylonitrile	10.0	8.83		mg/Kg		88	50 - 130
Benzene	1.00	0.798		mg/Kg		80	75 - 120
Bromoform	1.00	0.879		mg/Kg		88	68 - 122
Bromomethane	1.00	0.728		mg/Kg		73	16 - 125
Carbon disulfide	1.00	0.517	*	mg/Kg		52	59 - 127
Carbon tetrachloride	1.00	0.822		mg/Kg		82	77 - 120
Chlorobenzene	1.00	0.894		mg/Kg		89	80 - 120

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

Lab Sample ID: LCS 460-1039833/4
Matrix: Solid
Analysis Batch: 1039833

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	1.00	0.887		mg/Kg		89	77 - 120
Chlorodibromomethane	1.00	0.959		mg/Kg		96	80 - 120
Chloroethane	1.00	0.853		mg/Kg		85	61 - 140
Chloroform	1.00	0.877		mg/Kg		88	73 - 120
Chloromethane	1.00	0.745		mg/Kg		74	42 - 136
cis-1,2-Dichloroethene	1.00	0.869		mg/Kg		87	73 - 120
cis-1,3-Dichloropropene	1.00	0.838		mg/Kg		84	79 - 120
Cyclohexane	1.00	0.813		mg/Kg		81	76 - 125
Dichlorobromomethane	1.00	0.832		mg/Kg		83	77 - 120
Dichlorodifluoromethane	1.00	0.633		mg/Kg		63	39 - 140
Ethylbenzene	1.00	0.913		mg/Kg		91	80 - 121
Ethylene Dibromide	1.00	0.871		mg/Kg		87	80 - 120
Isopropylbenzene	1.00	1.00		mg/Kg		100	74 - 125
Methyl acetate	2.00	1.69		mg/Kg		85	40 - 130
Methyl tert-butyl ether	1.00	0.944		mg/Kg		94	77 - 125
Methylcyclohexane	1.00	0.805		mg/Kg		80	75 - 127
Methylene Chloride	1.00	0.846		mg/Kg		85	73 - 120
m-Xylene & p-Xylene	1.00	0.916		mg/Kg		92	79 - 120
o-Xylene	1.00	0.950		mg/Kg		95	80 - 123
Styrene	1.00	0.972		mg/Kg		97	80 - 124
TBA	10.0	9.30		mg/Kg		93	75 - 120
Tetrachloroethene	1.00	0.873		mg/Kg		87	78 - 120
Toluene	1.00	0.887		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	1.00	0.787		mg/Kg		79	70 - 120
trans-1,3-Dichloropropene	1.00	0.916		mg/Kg		92	73 - 120
Trichloroethene	1.00	0.816		mg/Kg		82	77 - 120
Trichlorofluoromethane	1.00	0.839		mg/Kg		84	61 - 143
Vinyl chloride	1.00	0.812		mg/Kg		81	50 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*60 - 150*
4-Bromofluorobenzene	*114*		*70 - 150*
Dibromofluoromethane (Surr)	*98*		*68 - 150*
Toluene-d8 (Surr)	*102*		*64 - 157*

Lab Sample ID: LCSD 460-1039833/5
Matrix: Solid
Analysis Batch: 1039833

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	1.00	0.945		mg/Kg		95	76 - 120	11	30
1,1,2,2-Tetrachloroethane	1.00	0.886		mg/Kg		89	72 - 120	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.04		mg/Kg		104	79 - 120	13	30
1,1,2-Trichloroethane	1.00	0.860		mg/Kg		86	80 - 120	1	30
1,1-Dichloroethane	1.00	0.910		mg/Kg		91	70 - 120	8	30
1,1-Dichloroethene	1.00	0.965		mg/Kg		97	69 - 120	15	30
1,2,3-Trichlorobenzene	1.00	1.35		mg/Kg		135	80 - 137	7	30
1,2,4-Trichlorobenzene	1.00	1.16		mg/Kg		116	80 - 134	5	30

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

Lab Sample ID: LCSD 460-1039833/5
Matrix: Solid
Analysis Batch: 1039833

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
1,2-Dibromo-3-Chloropropane	1.00	0.851		mg/Kg		85	68 - 134	5	30
1,2-Dichlorobenzene	1.00	0.997		mg/Kg		100	80 - 120	4	30
1,2-Dichloroethane	1.00	0.951		mg/Kg		95	72 - 124	4	30
1,2-Dichloropropane	1.00	0.904		mg/Kg		90	74 - 120	1	30
1,3-Dichlorobenzene	1.00	1.00		mg/Kg		100	80 - 120	0	30
1,4-Dichlorobenzene	1.00	0.973		mg/Kg		97	80 - 120	2	30
2-Butanone (MEK)	5.00	5.40		mg/Kg		108	64 - 121	7	30
2-Hexanone	5.00	5.37		mg/Kg		107	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)	5.00	5.02		mg/Kg		100	64 - 127	0	30
Acetone	5.00	5.35		mg/Kg		107	52 - 127	11	30
Acrolein	2.00	2.17		mg/Kg		109	10 - 150	3	30
Acrylonitrile	10.0	9.18		mg/Kg		92	50 - 130	4	30
Benzene	1.00	0.864		mg/Kg		86	75 - 120	8	30
Bromoform	1.00	0.853		mg/Kg		85	68 - 122	3	30
Bromomethane	1.00	0.903		mg/Kg		90	16 - 125	22	30
Carbon disulfide	1.00	0.615		mg/Kg		62	59 - 127	17	30
Carbon tetrachloride	1.00	0.918		mg/Kg		92	77 - 120	11	30
Chlorobenzene	1.00	0.956		mg/Kg		96	80 - 120	7	30
Chlorobromomethane	1.00	0.924		mg/Kg		92	77 - 120	4	30
Chlorodibromomethane	1.00	0.936		mg/Kg		94	80 - 120	2	30
Chloroethane	1.00	0.911		mg/Kg		91	61 - 140	7	30
Chloroform	1.00	0.939		mg/Kg		94	73 - 120	7	30
Chloromethane	1.00	0.838		mg/Kg		84	42 - 136	12	30
cis-1,2-Dichloroethene	1.00	0.925		mg/Kg		92	73 - 120	6	30
cis-1,3-Dichloropropene	1.00	0.851		mg/Kg		85	79 - 120	1	30
Cyclohexane	1.00	0.926		mg/Kg		93	76 - 125	13	30
Dichlorobromomethane	1.00	0.913		mg/Kg		91	77 - 120	9	30
Dichlorodifluoromethane	1.00	0.793		mg/Kg		79	39 - 140	22	30
Ethylbenzene	1.00	0.912		mg/Kg		91	80 - 121	0	30
Ethylene Dibromide	1.00	0.921		mg/Kg		92	80 - 120	6	30
Isopropylbenzene	1.00	1.07		mg/Kg		107	74 - 125	7	30
Methyl acetate	2.00	1.64		mg/Kg		82	40 - 130	3	30
Methyl tert-butyl ether	1.00	0.944		mg/Kg		94	77 - 125	0	30
Methylcyclohexane	1.00	0.890		mg/Kg		89	75 - 127	10	30
Methylene Chloride	1.00	0.935		mg/Kg		93	73 - 120	10	30
m-Xylene & p-Xylene	1.00	0.989		mg/Kg		99	79 - 120	8	30
o-Xylene	1.00	1.01		mg/Kg		101	80 - 123	6	30
Styrene	1.00	0.998		mg/Kg		100	80 - 124	3	30
TBA	10.0	10.2		mg/Kg		102	75 - 120	10	30
Tetrachloroethene	1.00	0.957		mg/Kg		96	78 - 120	9	30
Toluene	1.00	0.933		mg/Kg		93	80 - 120	5	30
trans-1,2-Dichloroethene	1.00	0.850		mg/Kg		85	70 - 120	8	30
trans-1,3-Dichloropropene	1.00	0.885		mg/Kg		89	73 - 120	3	30
Trichloroethene	1.00	0.915		mg/Kg		92	77 - 120	11	30
Trichlorofluoromethane	1.00	0.983		mg/Kg		98	61 - 143	16	30
Vinyl chloride	1.00	0.925		mg/Kg		93	50 - 131	13	30

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

Lab Sample ID: LCSD 460-1039833/5
Matrix: Solid
Analysis Batch: 1039833

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 150*
4-Bromofluorobenzene	*115*		*70 - 150*
Dibromofluoromethane (Surr)	*99*		*68 - 150*
Toluene-d8 (Surr)	*104*		*64 - 157*

Lab Sample ID: MB 460-1039921/13
Matrix: Solid
Analysis Batch: 1039921

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	0.050	U	0.050	0.014	mg/Kg			05/28/25 13:55	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/28/25 13:55	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/28/25 13:55	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/28/25 13:55	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/28/25 13:55	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			05/28/25 13:55	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/28/25 13:55	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/28/25 13:55	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/28/25 13:55	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/28/25 13:55	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/28/25 13:55	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/28/25 13:55	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/28/25 13:55	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/28/25 13:55	50
Acrolein	0.25	U	0.25	0.12	mg/Kg			05/28/25 13:55	50
Acrylonitrile	0.50	U	0.50	0.091	mg/Kg			05/28/25 13:55	50
Benzene	0.050	U	0.050	0.010	mg/Kg			05/28/25 13:55	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/28/25 13:55	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/28/25 13:55	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/28/25 13:55	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/28/25 13:55	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/28/25 13:55	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/28/25 13:55	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/28/25 13:55	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/28/25 13:55	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/28/25 13:55	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/28/25 13:55	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/28/25 13:55	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/28/25 13:55	50

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

Lab Sample ID: MB 460-1039921/13
Matrix: Solid
Analysis Batch: 1039921

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/28/25 13:55	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/28/25 13:55	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/28/25 13:55	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/28/25 13:55	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/28/25 13:55	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/28/25 13:55	50
TBA	0.50	U	0.50	0.41	mg/Kg			05/28/25 13:55	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/28/25 13:55	50
Toluene	0.050	U	0.050	0.013	mg/Kg			05/28/25 13:55	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/28/25 13:55	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/28/25 13:55	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/28/25 13:55	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/28/25 13:55	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/28/25 13:55*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 150*		*05/28/25 13:55*	*50*
4-Bromofluorobenzene	*108*		*70 - 150*		*05/28/25 13:55*	*50*
Dibromofluoromethane (Surr)	*95*		*68 - 150*		*05/28/25 13:55*	*50*
Toluene-d8 (Surr)	*99*		*64 - 157*		*05/28/25 13:55*	*50*

Lab Sample ID: LCS 460-1039921/7
Matrix: Solid
Analysis Batch: 1039921

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	1.00	0.874		mg/Kg		87	76 - 120
1,1,2,2-Tetrachloroethane	1.00	0.897		mg/Kg		90	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.07		mg/Kg		107	79 - 120
1,1,2-Trichloroethane	1.00	0.855		mg/Kg		85	80 - 120
1,1-Dichloroethane	1.00	0.849		mg/Kg		85	70 - 120
1,1-Dichloroethene	1.00	0.875		mg/Kg		88	69 - 120
1,2,3-Trichlorobenzene	1.00	1.28		mg/Kg		128	80 - 137
1,2,4-Trichlorobenzene	1.00	1.08		mg/Kg		108	80 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.880		mg/Kg		88	68 - 134
1,2-Dichlorobenzene	1.00	0.927		mg/Kg		93	80 - 120
1,2-Dichloroethane	1.00	0.885		mg/Kg		89	72 - 124
1,2-Dichloropropane	1.00	0.831		mg/Kg		83	74 - 120
1,3-Dichlorobenzene	1.00	0.958		mg/Kg		96	80 - 120
1,4-Dichlorobenzene	1.00	0.919		mg/Kg		92	80 - 120
2-Butanone (MEK)	5.00	4.89		mg/Kg		98	64 - 121
2-Hexanone	5.00	4.88		mg/Kg		98	70 - 120

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

Lab Sample ID: LCS 460-1039921/7
Matrix: Solid
Analysis Batch: 1039921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	5.00	4.83		mg/Kg		97	64 - 127
Acetone	5.00	4.74		mg/Kg		95	52 - 127
Acrolein	2.00	2.48		mg/Kg		124	10 - 150
Acrylonitrile	10.0	9.08		mg/Kg		91	50 - 130
Benzene	1.00	0.829		mg/Kg		83	75 - 120
Bromoform	1.00	0.951		mg/Kg		95	68 - 122
Bromomethane	1.00	0.983		mg/Kg		98	16 - 125
Carbon disulfide	1.00	0.501	*	mg/Kg		50	59 - 127
Carbon tetrachloride	1.00	0.863		mg/Kg		86	77 - 120
Chlorobenzene	1.00	0.918		mg/Kg		92	80 - 120
Chlorobromomethane	1.00	0.865		mg/Kg		87	77 - 120
Chlorodibromomethane	1.00	0.959		mg/Kg		96	80 - 120
Chloroethane	1.00	1.07		mg/Kg		107	61 - 140
Chloroform	1.00	0.884		mg/Kg		88	73 - 120
Chloromethane	1.00	1.06		mg/Kg		106	42 - 136
cis-1,2-Dichloroethene	1.00	0.870		mg/Kg		87	73 - 120
cis-1,3-Dichloropropene	1.00	0.812		mg/Kg		81	79 - 120
Cyclohexane	1.00	0.856		mg/Kg		86	76 - 125
Dichlorobromomethane	1.00	0.836		mg/Kg		84	77 - 120
Dichlorodifluoromethane	1.00	0.999		mg/Kg		100	39 - 140
Ethylbenzene	1.00	0.900		mg/Kg		90	80 - 121
Ethylene Dibromide	1.00	0.857		mg/Kg		86	80 - 120
Isopropylbenzene	1.00	1.02		mg/Kg		102	74 - 125
Methyl acetate	2.00	1.69		mg/Kg		84	40 - 130
Methyl tert-butyl ether	1.00	0.916		mg/Kg		92	77 - 125
Methylcyclohexane	1.00	0.891		mg/Kg		89	75 - 127
Methylene Chloride	1.00	0.854		mg/Kg		85	73 - 120
m-Xylene & p-Xylene	1.00	0.948		mg/Kg		95	79 - 120
o-Xylene	1.00	0.936		mg/Kg		94	80 - 123
Styrene	1.00	0.946		mg/Kg		95	80 - 124
TBA	10.0	9.42		mg/Kg		94	75 - 120
Tetrachloroethene	1.00	0.907		mg/Kg		91	78 - 120
Toluene	1.00	0.898		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	1.00	0.783		mg/Kg		78	70 - 120
trans-1,3-Dichloropropene	1.00	0.886		mg/Kg		89	73 - 120
Trichloroethene	1.00	0.784		mg/Kg		78	77 - 120
Trichlorofluoromethane	1.00	1.06		mg/Kg		106	61 - 143
Vinyl chloride	1.00	1.03		mg/Kg		103	50 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 150*
4-Bromofluorobenzene	*114*		*70 - 150*
Dibromofluoromethane (Surr)	*98*		*68 - 150*
Toluene-d8 (Surr)	*105*		*64 - 157*

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

Lab Sample ID: LCSD 460-1039921/9
Matrix: Solid
Analysis Batch: 1039921

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			1.00	0.871		mg/Kg		87	76 - 120	0	30
1,1,2,2-Tetrachloroethane			1.00	0.876		mg/Kg		88	72 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.11		mg/Kg		111	79 - 120	4	30
1,1,2-Trichloroethane			1.00	0.803		mg/Kg		80	80 - 120	6	30
1,1-Dichloroethane			1.00	0.820		mg/Kg		82	70 - 120	3	30
1,1-Dichloroethene			1.00	0.888		mg/Kg		89	69 - 120	1	30
1,2,3-Trichlorobenzene			1.00	1.00		mg/Kg		100	80 - 137	24	30
1,2,4-Trichlorobenzene			1.00	0.961		mg/Kg		96	80 - 134	12	30
1,2-Dibromo-3-Chloropropane			1.00	0.860		mg/Kg		86	68 - 134	2	30
1,2-Dichlorobenzene			1.00	0.921		mg/Kg		92	80 - 120	1	30
1,2-Dichloroethane			1.00	0.886		mg/Kg		89	72 - 124	0	30
1,2-Dichloropropane			1.00	0.843		mg/Kg		84	74 - 120	1	30
1,3-Dichlorobenzene			1.00	0.931		mg/Kg		93	80 - 120	3	30
1,4-Dichlorobenzene			1.00	0.919		mg/Kg		92	80 - 120	0	30
2-Butanone (MEK)			5.00	4.75		mg/Kg		95	64 - 121	3	30
2-Hexanone			5.00	4.80		mg/Kg		96	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)			5.00	4.61		mg/Kg		92	64 - 127	5	30
Acetone			5.00	4.96		mg/Kg		99	52 - 127	5	30
Acrolein			2.00	2.57		mg/Kg		128	10 - 150	3	30
Acrylonitrile			10.0	8.73		mg/Kg		87	50 - 130	4	30
Benzene			1.00	0.797		mg/Kg		80	75 - 120	4	30
Bromoform			1.00	0.855		mg/Kg		85	68 - 122	11	30
Bromomethane			1.00	0.970		mg/Kg		97	16 - 125	1	30
Carbon disulfide			1.00	0.517	*	mg/Kg		52	59 - 127	3	30
Carbon tetrachloride			1.00	0.856		mg/Kg		86	77 - 120	1	30
Chlorobenzene			1.00	0.865		mg/Kg		87	80 - 120	6	30
Chlorobromomethane			1.00	0.857		mg/Kg		86	77 - 120	1	30
Chlorodibromomethane			1.00	0.889		mg/Kg		89	80 - 120	8	30
Chloroethane			1.00	1.09		mg/Kg		109	61 - 140	1	30
Chloroform			1.00	0.872		mg/Kg		87	73 - 120	1	30
Chloromethane			1.00	1.00		mg/Kg		100	42 - 136	5	30
cis-1,2-Dichloroethene			1.00	0.839		mg/Kg		84	73 - 120	4	30
cis-1,3-Dichloropropene			1.00	0.817		mg/Kg		82	79 - 120	1	30
Cyclohexane			1.00	0.849		mg/Kg		85	76 - 125	1	30
Dichlorobromomethane			1.00	0.831		mg/Kg		83	77 - 120	1	30
Dichlorodifluoromethane			1.00	0.993		mg/Kg		99	39 - 140	1	30
Ethylbenzene			1.00	0.851		mg/Kg		85	80 - 121	5	30
Ethylene Dibromide			1.00	0.838		mg/Kg		84	80 - 120	2	30
Isopropylbenzene			1.00	0.962		mg/Kg		96	74 - 125	6	30
Methyl acetate			2.00	1.64		mg/Kg		82	40 - 130	3	30
Methyl tert-butyl ether			1.00	0.853		mg/Kg		85	77 - 125	7	30
Methylcyclohexane			1.00	0.856		mg/Kg		86	75 - 127	4	30
Methylene Chloride			1.00	0.852		mg/Kg		85	73 - 120	0	30
m-Xylene & p-Xylene			1.00	0.877		mg/Kg		88	79 - 120	8	30
o-Xylene			1.00	0.882		mg/Kg		88	80 - 123	6	30
Styrene			1.00	0.874		mg/Kg		87	80 - 124	8	30
TBA			10.0	9.70		mg/Kg		97	75 - 120	3	30
Tetrachloroethene			1.00	0.861		mg/Kg		86	78 - 120	5	30

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

Lab Sample ID: LCSD 460-1039921/9
Matrix: Solid
Analysis Batch: 1039921

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
Toluene			1.00	0.841		mg/Kg		84	80 - 120	7	30
trans-1,2-Dichloroethene			1.00	0.729		mg/Kg		73	70 - 120	7	30
trans-1,3-Dichloropropene			1.00	0.830		mg/Kg		83	73 - 120	7	30
Trichloroethene			1.00	0.809		mg/Kg		81	77 - 120	3	30
Trichlorofluoromethane			1.00	1.11		mg/Kg		111	61 - 143	5	30
Vinyl chloride			1.00	1.08		mg/Kg		108	50 - 131	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*60 - 150*
4-Bromofluorobenzene	*120*		*70 - 150*
Dibromofluoromethane (Surr)	*107*		*68 - 150*
Toluene-d8 (Surr)	*114*		*64 - 157*

Lab Sample ID: MB 460-1040206/8
Matrix: Solid
Analysis Batch: 1040206

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	0.0010	U	0.0010	0.00023	mg/Kg			05/29/25 20:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/29/25 20:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/29/25 20:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/29/25 20:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/29/25 20:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/29/25 20:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/29/25 20:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/29/25 20:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/29/25 20:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/29/25 20:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/29/25 20:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/29/25 20:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/29/25 20:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/29/25 20:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/29/25 20:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/29/25 20:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/29/25 20:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/29/25 20:56	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/29/25 20:56	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/29/25 20:56	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/29/25 20:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/29/25 20:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/29/25 20:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/29/25 20:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/29/25 20:56	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/29/25 20:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/29/25 20:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/29/25 20:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/29/25 20:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/29/25 20:56	1

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

Lab Sample ID: MB 460-1040206/8
Matrix: Solid
Analysis Batch: 1040206

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			05/29/25 20:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/29/25 20:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/29/25 20:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/29/25 20:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/29/25 20:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/29/25 20:56	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/29/25 20:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/29/25 20:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/29/25 20:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/29/25 20:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/29/25 20:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/29/25 20:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/29/25 20:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/29/25 20:56	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/29/25 20:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/29/25 20:56	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/29/25 20:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/29/25 20:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/29/25 20:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/29/25 20:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/29/25 20:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/29/25 20:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/29/25 20:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/29/25 20:56	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/29/25 20:56*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*05/29/25 20:56*	*1*
4-Bromofluorobenzene	*128*		*71 - 128*		*05/29/25 20:56*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*		*05/29/25 20:56*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*05/29/25 20:56*	*1*

Lab Sample ID: LCS 460-1040206/2
Matrix: Solid
Analysis Batch: 1040206

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	0.0200	0.0205		mg/Kg		103	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0174		mg/Kg		87	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0227		mg/Kg		113	75 - 121
1,1,2-Trichloroethane	0.0200	0.0181		mg/Kg		91	80 - 120
1,1-Dichloroethane	0.0200	0.0204		mg/Kg		102	72 - 120
1,1-Dichloroethene	0.0200	0.0208		mg/Kg		104	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0218		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0213		mg/Kg		106	77 - 136

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

Lab Sample ID: LCS 460-1040206/2
Matrix: Solid
Analysis Batch: 1040206

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0163		mg/Kg		81	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0191		mg/Kg		95	70 - 123
1,2-Dichloropropane	0.0200	0.0193		mg/Kg		97	73 - 124
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.0962		mg/Kg		96	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0980		mg/Kg		98	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Acrolein	0.300	0.235		mg/Kg		78	54 - 158
Acrylonitrile	0.200	0.188		mg/Kg		94	56 - 120
Benzene	0.0200	0.0196		mg/Kg		98	75 - 120
Bromoform	0.0200	0.0183		mg/Kg		92	61 - 125
Bromomethane	0.0200	0.0216		mg/Kg		108	37 - 150
Carbon disulfide	0.0200	0.0216		mg/Kg		108	57 - 133
Carbon tetrachloride	0.0200	0.0209		mg/Kg		104	66 - 127
Chlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0203		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0186		mg/Kg		93	72 - 120
Chloroethane	0.0200	0.0186		mg/Kg		93	60 - 123
Chloroform	0.0200	0.0207		mg/Kg		103	79 - 126
Chloromethane	0.0200	0.0168		mg/Kg		84	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		100	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0187		mg/Kg		94	75 - 120
Cyclohexane	0.0200	0.0211		mg/Kg		105	65 - 132
Dichlorobromomethane	0.0200	0.0185		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0227		mg/Kg		113	45 - 129
Ethylbenzene	0.0200	0.0195		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0188		mg/Kg		94	79 - 120
Isopropylbenzene	0.0200	0.0189		mg/Kg		95	74 - 120
Methyl acetate	0.0400	0.0390		mg/Kg		97	57 - 120
Methyl tert-butyl ether	0.0200	0.0193		mg/Kg		97	74 - 125
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0201		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
o-Xylene	0.0200	0.0189		mg/Kg		95	80 - 120
Styrene	0.0200	0.0185		mg/Kg		92	80 - 120
TBA	0.200	0.176		mg/Kg		88	79 - 120
Tetrachloroethene	0.0200	0.0205		mg/Kg		103	73 - 120
Toluene	0.0200	0.0186		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0207		mg/Kg		103	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	77 - 120
Trichloroethene	0.0200	0.0199		mg/Kg		99	80 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	61 - 130
Vinyl chloride	0.0200	0.0179		mg/Kg		90	54 - 122

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

Lab Sample ID: LCS 460-1040206/2
Matrix: Solid
Analysis Batch: 1040206

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*
4-Bromofluorobenzene	*126*		*71 - 128*
Dibromofluoromethane (Surr)	*118*		*50 - 150*
Toluene-d8 (Surr)	*113*		*71 - 126*

Lab Sample ID: LCSD 460-1040206/4
Matrix: Solid
Analysis Batch: 1040206

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			0.0200	0.0216		mg/Kg		108	78 - 120	5	30
1,1,2,2-Tetrachloroethane			0.0200	0.0189		mg/Kg		95	70 - 133	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0239		mg/Kg		119	75 - 121	5	30
1,1,2-Trichloroethane			0.0200	0.0183		mg/Kg		92	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0214		mg/Kg		107	72 - 120	5	30
1,1-Dichloroethene			0.0200	0.0215		mg/Kg		108	76 - 120	3	30
1,2,3-Trichlorobenzene			0.0200	0.0216		mg/Kg		108	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0218		mg/Kg		109	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0185		mg/Kg		92	80 - 124	13	30
1,2-Dichlorobenzene			0.0200	0.0197		mg/Kg		98	80 - 120	4	30
1,2-Dichloroethane			0.0200	0.0201		mg/Kg		100	70 - 123	5	30
1,2-Dichloropropane			0.0200	0.0206		mg/Kg		103	73 - 124	6	30
1,3-Dichlorobenzene			0.0200	0.0207		mg/Kg		103	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0203		mg/Kg		101	80 - 120	0	30
2-Butanone (MEK)			0.100	0.107		mg/Kg		107	64 - 128	5	30
2-Hexanone			0.100	0.100		mg/Kg		100	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0972		mg/Kg		97	80 - 120	1	30
Acetone			0.100	0.102		mg/Kg		102	58 - 122	0	30
Acrolein			0.300	0.226		mg/Kg		75	54 - 158	4	30
Acrylonitrile			0.200	0.195		mg/Kg		97	56 - 120	4	30
Benzene			0.0200	0.0198		mg/Kg		99	75 - 120	1	30
Bromoform			0.0200	0.0191		mg/Kg		95	61 - 125	4	30
Bromomethane			0.0200	0.0229		mg/Kg		114	37 - 150	6	30
Carbon disulfide			0.0200	0.0230		mg/Kg		115	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0219		mg/Kg		109	66 - 127	5	30
Chlorobenzene			0.0200	0.0197		mg/Kg		99	80 - 120	3	30
Chlorobromomethane			0.0200	0.0227		mg/Kg		113	76 - 127	11	30
Chlorodibromomethane			0.0200	0.0185		mg/Kg		92	72 - 120	0	30
Chloroethane			0.0200	0.0197		mg/Kg		98	60 - 123	6	30
Chloroform			0.0200	0.0213		mg/Kg		107	79 - 126	3	30
Chloromethane			0.0200	0.0184		mg/Kg		92	46 - 122	9	30
cis-1,2-Dichloroethene			0.0200	0.0209		mg/Kg		105	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0189		mg/Kg		94	75 - 120	1	30
Cyclohexane			0.0200	0.0221		mg/Kg		111	65 - 132	5	30
Dichlorobromomethane			0.0200	0.0195		mg/Kg		97	77 - 124	5	30
Dichlorodifluoromethane			0.0200	0.0238		mg/Kg		119	45 - 129	5	30
Ethylbenzene			0.0200	0.0207		mg/Kg		103	80 - 120	6	30
Ethylene Dibromide			0.0200	0.0194		mg/Kg		97	79 - 120	4	30

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

Lab Sample ID: LCSD 460-1040206/4
Matrix: Solid
Analysis Batch: 1040206

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
Isopropylbenzene			0.0200	0.0195		mg/Kg		97	74 - 120	3	30
Methyl acetate			0.0400	0.0422		mg/Kg		105	57 - 120	8	30
Methyl tert-butyl ether			0.0200	0.0203		mg/Kg		102	74 - 125	5	30
Methylcyclohexane			0.0200	0.0217		mg/Kg		108	66 - 125	3	30
Methylene Chloride			0.0200	0.0220		mg/Kg		110	78 - 120	9	30
m-Xylene & p-Xylene			0.0200	0.0196		mg/Kg		98	80 - 120	6	30
o-Xylene			0.0200	0.0198		mg/Kg		99	80 - 120	4	30
Styrene			0.0200	0.0194		mg/Kg		97	80 - 120	5	30
TBA			0.200	0.182		mg/Kg		91	79 - 120	3	30
Tetrachloroethene			0.0200	0.0214		mg/Kg		107	73 - 120	4	30
Toluene			0.0200	0.0189		mg/Kg		95	80 - 120	2	30
trans-1,2-Dichloroethene			0.0200	0.0222		mg/Kg		111	78 - 120	7	30
trans-1,3-Dichloropropene			0.0200	0.0186		mg/Kg		93	77 - 120	6	30
Trichloroethene			0.0200	0.0210		mg/Kg		105	80 - 120	6	30
Trichlorofluoromethane			0.0200	0.0233		mg/Kg		116	61 - 130	5	30
Vinyl chloride			0.0200	0.0185		mg/Kg		93	54 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*111*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: MB 460-1040395/9
Matrix: Solid
Analysis Batch: 1040395

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	0.0010	U	0.0010	0.00023	mg/Kg			05/30/25 07:59	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/30/25 07:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/30/25 07:59	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/30/25 07:59	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/30/25 07:59	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/30/25 07:59	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/30/25 07:59	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/30/25 07:59	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/30/25 07:59	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/30/25 07:59	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/30/25 07:59	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/30/25 07:59	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/30/25 07:59	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/30/25 07:59	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/30/25 07:59	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/30/25 07:59	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/30/25 07:59	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/30/25 07:59	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/30/25 07:59	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/30/25 07:59	1

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

Lab Sample ID: MB 460-1040395/9
Matrix: Solid
Analysis Batch: 1040395

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/30/25 07:59	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/30/25 07:59	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/30/25 07:59	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/30/25 07:59	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/30/25 07:59	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/30/25 07:59	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/30/25 07:59	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/30/25 07:59	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/30/25 07:59	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/30/25 07:59	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/30/25 07:59	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/30/25 07:59	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/30/25 07:59	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/30/25 07:59	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/30/25 07:59	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/30/25 07:59	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/30/25 07:59	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/30/25 07:59	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/30/25 07:59	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/30/25 07:59	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/30/25 07:59	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/30/25 07:59	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/30/25 07:59	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/30/25 07:59	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/30/25 07:59	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/30/25 07:59	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/30/25 07:59	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/30/25 07:59	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/30/25 07:59	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/30/25 07:59	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/30/25 07:59	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/30/25 07:59	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/30/25 07:59	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/30/25 07:59	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/30/25 07:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*		*05/30/25 07:59*	*1*
4-Bromofluorobenzene	*123*		*71 - 128*		*05/30/25 07:59*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*		*05/30/25 07:59*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*05/30/25 07:59*	*1*

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

Lab Sample ID: LCS 460-1040395/3
Matrix: Solid
Analysis Batch: 1040395

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	0.0200	0.0218		mg/Kg		109	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0198		mg/Kg		99	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0249	*	mg/Kg		125	75 - 121
1,1,2-Trichloroethane	0.0200	0.0190		mg/Kg		95	80 - 120
1,1-Dichloroethane	0.0200	0.0222		mg/Kg		111	72 - 120
1,1-Dichloroethene	0.0200	0.0232		mg/Kg		116	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0239		mg/Kg		120	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0251		mg/Kg		126	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0166		mg/Kg		83	80 - 124
1,2-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0200	0.0206		mg/Kg		103	70 - 123
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124
1,3-Dichlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120
1,4-Dichlorobenzene	0.0200	0.0225		mg/Kg		112	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120
Acetone	0.100	0.108		mg/Kg		108	58 - 122
Acrolein	0.300	0.248		mg/Kg		83	54 - 158
Acrylonitrile	0.200	0.203		mg/Kg		101	56 - 120
Benzene	0.0200	0.0207		mg/Kg		103	75 - 120
Bromoform	0.0200	0.0195		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0234		mg/Kg		117	37 - 150
Carbon disulfide	0.0200	0.0241		mg/Kg		121	57 - 133
Carbon tetrachloride	0.0200	0.0226		mg/Kg		113	66 - 127
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0214		mg/Kg		107	76 - 127
Chlorodibromomethane	0.0200	0.0191		mg/Kg		95	72 - 120
Chloroethane	0.0200	0.0210		mg/Kg		105	60 - 123
Chloroform	0.0200	0.0223		mg/Kg		112	79 - 126
Chloromethane	0.0200	0.0201		mg/Kg		101	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0226		mg/Kg		113	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	75 - 120
Cyclohexane	0.0200	0.0237		mg/Kg		118	65 - 132
Dichlorobromomethane	0.0200	0.0205		mg/Kg		103	77 - 124
Dichlorodifluoromethane	0.0200	0.0253		mg/Kg		127	45 - 129
Ethylbenzene	0.0200	0.0203		mg/Kg		101	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0199		mg/Kg		100	74 - 120
Methyl acetate	0.0400	0.0453		mg/Kg		113	57 - 120
Methyl tert-butyl ether	0.0200	0.0210		mg/Kg		105	74 - 125
Methylcyclohexane	0.0200	0.0234		mg/Kg		117	66 - 125
Methylene Chloride	0.0200	0.0221		mg/Kg		111	78 - 120
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120
Styrene	0.0200	0.0199		mg/Kg		99	80 - 120
TBA	0.200	0.192		mg/Kg		96	79 - 120
Tetrachloroethene	0.0200	0.0223		mg/Kg		112	73 - 120

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

Lab Sample ID: LCS 460-1040395/3
Matrix: Solid
Analysis Batch: 1040395

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			0.0200	0.0199		mg/Kg		99	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0227		mg/Kg		113	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0194		mg/Kg		97	77 - 120		
Trichloroethene			0.0200	0.0226		mg/Kg		113	80 - 120		
Trichlorofluoromethane			0.0200	0.0247		mg/Kg		123	61 - 130		
Vinyl chloride			0.0200	0.0203		mg/Kg		101	54 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*114*		*71 - 128*
Dibromofluoromethane (Surr)	*115*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: LCSD 460-1040395/4
Matrix: Solid
Analysis Batch: 1040395

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			0.0200	0.0211		mg/Kg		106	78 - 120	3	30
1,1,2,2-Tetrachloroethane			0.0200	0.0199		mg/Kg		99	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0240		mg/Kg		120	75 - 121	4	30
1,1,2-Trichloroethane			0.0200	0.0194		mg/Kg		97	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0215		mg/Kg		107	72 - 120	3	30
1,1-Dichloroethene			0.0200	0.0219		mg/Kg		109	76 - 120	6	30
1,2,3-Trichlorobenzene			0.0200	0.0235		mg/Kg		117	77 - 137	2	30
1,2,4-Trichlorobenzene			0.0200	0.0252		mg/Kg		126	77 - 136	0	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0177		mg/Kg		88	80 - 124	6	30
1,2-Dichlorobenzene			0.0200	0.0207		mg/Kg		104	80 - 120	1	30
1,2-Dichloroethane			0.0200	0.0203		mg/Kg		102	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0215		mg/Kg		107	73 - 124	3	30
1,3-Dichlorobenzene			0.0200	0.0216		mg/Kg		108	80 - 120	1	30
1,4-Dichlorobenzene			0.0200	0.0212		mg/Kg		106	80 - 120	6	30
2-Butanone (MEK)			0.100	0.105		mg/Kg		105	64 - 128	3	30
2-Hexanone			0.100	0.102		mg/Kg		102	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)			0.100	0.101		mg/Kg		101	80 - 120	1	30
Acetone			0.100	0.108		mg/Kg		108	58 - 122	1	30
Acrolein			0.300	0.242		mg/Kg		81	54 - 158	2	30
Acrylonitrile			0.200	0.192		mg/Kg		96	56 - 120	5	30
Benzene			0.0200	0.0202		mg/Kg		101	75 - 120	2	30
Bromoform			0.0200	0.0186		mg/Kg		93	61 - 125	5	30
Bromomethane			0.0200	0.0223		mg/Kg		112	37 - 150	5	30
Carbon disulfide			0.0200	0.0227		mg/Kg		114	57 - 133	6	30
Carbon tetrachloride			0.0200	0.0214		mg/Kg		107	66 - 127	5	30
Chlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	1	30
Chlorobromomethane			0.0200	0.0212		mg/Kg		106	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0187		mg/Kg		94	72 - 120	2	30
Chloroethane			0.0200	0.0204		mg/Kg		102	60 - 123	3	30
Chloroform			0.0200	0.0214		mg/Kg		107	79 - 126	4	30

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

Lab Sample ID: LCSD 460-1040395/4
Matrix: Solid
Analysis Batch: 1040395

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	0.0191		mg/Kg		96	46 - 122	5	30
cis-1,2-Dichloroethene			0.0200	0.0217		mg/Kg		108	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0202		mg/Kg		101	75 - 120	2	30
Cyclohexane			0.0200	0.0226		mg/Kg		113	65 - 132	5	30
Dichlorobromomethane			0.0200	0.0201		mg/Kg		100	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0241		mg/Kg		121	45 - 129	5	30
Ethylbenzene			0.0200	0.0201		mg/Kg		100	80 - 120	1	30
Ethylene Dibromide			0.0200	0.0192		mg/Kg		96	79 - 120	3	30
Isopropylbenzene			0.0200	0.0199		mg/Kg		100	74 - 120	0	30
Methyl acetate			0.0400	0.0416		mg/Kg		104	57 - 120	9	30
Methyl tert-butyl ether			0.0200	0.0201		mg/Kg		100	74 - 125	5	30
Methylcyclohexane			0.0200	0.0222		mg/Kg		111	66 - 125	5	30
Methylene Chloride			0.0200	0.0220		mg/Kg		110	78 - 120	1	30
m-Xylene & p-Xylene			0.0200	0.0193		mg/Kg		97	80 - 120	3	30
o-Xylene			0.0200	0.0200		mg/Kg		100	80 - 120	1	30
Styrene			0.0200	0.0199		mg/Kg		99	80 - 120	0	30
TBA			0.200	0.184		mg/Kg		92	79 - 120	4	30
Tetrachloroethene			0.0200	0.0221		mg/Kg		111	73 - 120	1	30
Toluene			0.0200	0.0199		mg/Kg		100	80 - 120	0	30
trans-1,2-Dichloroethene			0.0200	0.0218		mg/Kg		109	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0195		mg/Kg		97	77 - 120	1	30
Trichloroethene			0.0200	0.0208		mg/Kg		104	80 - 120	8	30
Trichlorofluoromethane			0.0200	0.0231		mg/Kg		116	61 - 130	7	30
Vinyl chloride			0.0200	0.0196		mg/Kg		98	54 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*
4-Bromofluorobenzene	*120*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: MB 460-1040662/7
Matrix: Solid
Analysis Batch: 1040662

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	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 06:40	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 06:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/31/25 06:40	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 06:40	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 06:40	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 06:40	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/31/25 06:40	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 06:40	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/31/25 06:40	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 06:40	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/31/25 06:40	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/31/25 06:40	1

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

Lab Sample ID: MB 460-1040662/7
Matrix: Solid
Analysis Batch: 1040662

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/31/25 06:40	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 06:40	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/31/25 06:40	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/31/25 06:40	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/31/25 06:40	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/31/25 06:40	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/31/25 06:40	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/31/25 06:40	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/31/25 06:40	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/31/25 06:40	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/31/25 06:40	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 06:40	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/31/25 06:40	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/31/25 06:40	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 06:40	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/31/25 06:40	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 06:40	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/31/25 06:40	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/31/25 06:40	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 06:40	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 06:40	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/31/25 06:40	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/31/25 06:40	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/31/25 06:40	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/31/25 06:40	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/31/25 06:40	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/31/25 06:40	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/31/25 06:40	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/31/25 06:40	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/31/25 06:40	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/31/25 06:40	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/31/25 06:40	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/31/25 06:40	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/31/25 06:40	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/31/25 06:40	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/31/25 06:40	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 06:40	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/31/25 06:40	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 06:40	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/31/25 06:40	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/31/25 06:40	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/31/25 06:40	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/31/25 06:40*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*		*05/31/25 06:40*	*1*

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

Lab Sample ID: MB 460-1040662/7
Matrix: Solid
Analysis Batch: 1040662

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*86*		*71 - 128*		*05/31/25 06:40*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*		*05/31/25 06:40*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/31/25 06:40*	*1*

Lab Sample ID: LCS 460-1040662/3
Matrix: Solid
Analysis Batch: 1040662

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	0.0200	0.0193		mg/Kg		96	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0194		mg/Kg		97	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0224		mg/Kg		112	75 - 121
1,1,2-Trichloroethane	0.0200	0.0195		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0212		mg/Kg		106	72 - 120
1,1-Dichloroethene	0.0200	0.0210		mg/Kg		105	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0181		mg/Kg		91	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		89	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0185		mg/Kg		93	80 - 124
1,2-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
1,2-Dichloroethane	0.0200	0.0194		mg/Kg		97	70 - 123
1,2-Dichloropropane	0.0200	0.0215		mg/Kg		108	73 - 124
1,3-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
2-Butanone (MEK)	0.100	0.0765		mg/Kg		76	64 - 128
2-Hexanone	0.100	0.0906		mg/Kg		91	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0946		mg/Kg		95	80 - 120
Acetone	0.100	0.107		mg/Kg		107	58 - 122
Acrolein	0.300	0.247		mg/Kg		82	54 - 158
Acrylonitrile	0.200	0.238		mg/Kg		119	56 - 120
Benzene	0.0200	0.0206		mg/Kg		103	75 - 120
Bromoform	0.0200	0.0219		mg/Kg		109	61 - 125
Bromomethane	0.0200	0.0192		mg/Kg		96	37 - 150
Carbon disulfide	0.0200	0.0229		mg/Kg		115	57 - 133
Carbon tetrachloride	0.0200	0.0202		mg/Kg		101	66 - 127
Chlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0205		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0205		mg/Kg		102	72 - 120
Chloroethane	0.0200	0.0176		mg/Kg		88	60 - 123
Chloroform	0.0200	0.0199		mg/Kg		100	79 - 126
Chloromethane	0.0200	0.0207		mg/Kg		103	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	75 - 120
Cyclohexane	0.0200	0.0211		mg/Kg		105	65 - 132
Dichlorobromomethane	0.0200	0.0197		mg/Kg		98	77 - 124
Dichlorodifluoromethane	0.0200	0.0190		mg/Kg		95	45 - 129
Ethylbenzene	0.0200	0.0195		mg/Kg		98	80 - 120
Ethylene Dibromide	0.0200	0.0191		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120

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

Lab Sample ID: LCS 460-1040662/3
Matrix: Solid
Analysis Batch: 1040662

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	0.0400	0.0491	*	mg/Kg		123	57 - 120
Methyl tert-butyl ether	0.0200	0.0187		mg/Kg		93	74 - 125
Methylcyclohexane	0.0200	0.0216		mg/Kg		108	66 - 125
Methylene Chloride	0.0200	0.0207		mg/Kg		103	78 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
Styrene	0.0200	0.0181		mg/Kg		91	80 - 120
TBA	0.200	0.185		mg/Kg		92	79 - 120
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	77 - 120
Trichloroethene	0.0200	0.0184		mg/Kg		92	80 - 120
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130
Vinyl chloride	0.0200	0.0201		mg/Kg		100	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*80*		*71 - 128*
Dibromofluoromethane (Surr)	*100*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LCSD 460-1040662/4
Matrix: Solid
Analysis Batch: 1040662

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	0.0200	0.0195		mg/Kg		98	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0197		mg/Kg		99	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0225		mg/Kg		112	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		102	80 - 120	5	30
1,1-Dichloroethane	0.0200	0.0224		mg/Kg		112	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0212		mg/Kg		106	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		97	77 - 137	7	30
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 136	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		94	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0199		mg/Kg		100	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0222		mg/Kg		111	73 - 124	3	30
1,3-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
2-Butanone (MEK)	0.100	0.0833		mg/Kg		83	64 - 128	8	30
2-Hexanone	0.100	0.0957		mg/Kg		96	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0983		mg/Kg		98	80 - 120	4	30
Acetone	0.100	0.108		mg/Kg		108	58 - 122	0	30
Acrolein	0.300	0.242		mg/Kg		81	54 - 158	2	30
Acrylonitrile	0.200	0.248	*	mg/Kg		124	56 - 120	4	30
Benzene	0.0200	0.0215		mg/Kg		108	75 - 120	4	30

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

Lab Sample ID: LCSD 460-1040662/4
Matrix: Solid
Analysis Batch: 1040662

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
Bromoform	0.0200	0.0228		mg/Kg		114	61 - 125	4	30
Bromomethane	0.0200	0.0192		mg/Kg		96	37 - 150	0	30
Carbon disulfide	0.0200	0.0230		mg/Kg		115	57 - 133	0	30
Carbon tetrachloride	0.0200	0.0205		mg/Kg		102	66 - 127	1	30
Chlorobenzene	0.0200	0.0205		mg/Kg		103	80 - 120	3	30
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0211		mg/Kg		106	72 - 120	3	30
Chloroethane	0.0200	0.0177		mg/Kg		88	60 - 123	0	30
Chloroform	0.0200	0.0207		mg/Kg		104	79 - 126	4	30
Chloromethane	0.0200	0.0203		mg/Kg		101	46 - 122	2	30
cis-1,2-Dichloroethene	0.0200	0.0209		mg/Kg		104	80 - 123	5	30
cis-1,3-Dichloropropene	0.0200	0.0199		mg/Kg		99	75 - 120	4	30
Cyclohexane	0.0200	0.0217		mg/Kg		109	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0205		mg/Kg		102	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0186		mg/Kg		93	45 - 129	2	30
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120	2	30
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120	3	30
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120	0	30
Methyl acetate	0.0400	0.0494	*	mg/Kg		124	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0192		mg/Kg		96	74 - 125	3	30
Methylcyclohexane	0.0200	0.0221		mg/Kg		111	66 - 125	2	30
Methylene Chloride	0.0200	0.0214		mg/Kg		107	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120	3	30
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120	1	30
Styrene	0.0200	0.0188		mg/Kg		94	80 - 120	4	30
TBA	0.200	0.187		mg/Kg		94	79 - 120	1	30
Tetrachloroethene	0.0200	0.0223		mg/Kg		112	73 - 120	4	30
Toluene	0.0200	0.0200		mg/Kg		100	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		109	78 - 120	2	30
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120	6	30
Trichloroethene	0.0200	0.0193		mg/Kg		97	80 - 120	5	30
Trichlorofluoromethane	0.0200	0.0176		mg/Kg		88	61 - 130	2	30
Vinyl chloride	0.0200	0.0194		mg/Kg		97	54 - 122	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*87*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: MB 460-1040663/9
Matrix: Solid
Analysis Batch: 1040663

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	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 09:03	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 09:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/31/25 09:03	1

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

Lab Sample ID: MB 460-1040663/9
Matrix: Solid
Analysis Batch: 1040663

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 09:03	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 09:03	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 09:03	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/31/25 09:03	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 09:03	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/31/25 09:03	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 09:03	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/31/25 09:03	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/31/25 09:03	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/31/25 09:03	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 09:03	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/31/25 09:03	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/31/25 09:03	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/31/25 09:03	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/31/25 09:03	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			05/31/25 09:03	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			05/31/25 09:03	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/31/25 09:03	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/31/25 09:03	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/31/25 09:03	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 09:03	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/31/25 09:03	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/31/25 09:03	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/31/25 09:03	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/31/25 09:03	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/31/25 09:03	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/31/25 09:03	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/31/25 09:03	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/31/25 09:03	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 09:03	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/31/25 09:03	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/31/25 09:03	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/31/25 09:03	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/31/25 09:03	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/31/25 09:03	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/31/25 09:03	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/31/25 09:03	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/31/25 09:03	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/31/25 09:03	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/31/25 09:03	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/31/25 09:03	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/31/25 09:03	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/31/25 09:03	1
TBA	0.010	U	0.010	0.0078	mg/Kg			05/31/25 09:03	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/31/25 09:03	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/31/25 09:03	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/31/25 09:03	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/31/25 09:03	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/31/25 09:03	1

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

Lab Sample ID: MB 460-1040663/9
Matrix: Solid
Analysis Batch: 1040663

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/31/25 09:03	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/31/25 09:03	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*05/31/25 09:03*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*		*05/31/25 09:03*	*1*
4-Bromofluorobenzene	*116*		*71 - 128*		*05/31/25 09:03*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*05/31/25 09:03*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*05/31/25 09:03*	*1*

Lab Sample ID: LCS 460-1040663/3
Matrix: Solid
Analysis Batch: 1040663

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	0.0200	0.0224		mg/Kg		112	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0264	*	mg/Kg		132	75 - 121
1,1,2-Trichloroethane	0.0200	0.0205		mg/Kg		102	80 - 120
1,1-Dichloroethane	0.0200	0.0245	*	mg/Kg		122	72 - 120
1,1-Dichloroethene	0.0200	0.0237		mg/Kg		118	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0239		mg/Kg		119	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0252		mg/Kg		126	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		105	80 - 120
1,2-Dichloroethane	0.0200	0.0221		mg/Kg		111	70 - 123
1,2-Dichloropropane	0.0200	0.0239		mg/Kg		120	73 - 124
1,3-Dichlorobenzene	0.0200	0.0221		mg/Kg		110	80 - 120
1,4-Dichlorobenzene	0.0200	0.0228		mg/Kg		114	80 - 120
2-Butanone (MEK)	0.100	0.0975		mg/Kg		98	64 - 128
2-Hexanone	0.100	0.106		mg/Kg		106	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120
Acetone	0.100	0.114		mg/Kg		114	58 - 122
Acrolein	0.300	0.274		mg/Kg		91	54 - 158
Acrylonitrile	0.200	0.227		mg/Kg		113	56 - 120
Benzene	0.0200	0.0223		mg/Kg		112	75 - 120
Bromoform	0.0200	0.0190		mg/Kg		95	61 - 125
Bromomethane	0.0200	0.0209		mg/Kg		105	37 - 150
Carbon disulfide	0.0200	0.0263		mg/Kg		132	57 - 133
Carbon tetrachloride	0.0200	0.0231		mg/Kg		116	66 - 127
Chlorobenzene	0.0200	0.0212		mg/Kg		106	80 - 120
Chlorobromomethane	0.0200	0.0214		mg/Kg		107	76 - 127
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	72 - 120
Chloroethane	0.0200	0.0201		mg/Kg		101	60 - 123
Chloroform	0.0200	0.0224		mg/Kg		112	79 - 126

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

Lab Sample ID: LCS 460-1040663/3
Matrix: Solid
Analysis Batch: 1040663

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	0.0201		mg/Kg		100	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0224		mg/Kg		112	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0216		mg/Kg		108	75 - 120
Cyclohexane	0.0200	0.0251		mg/Kg		125	65 - 132
Dichlorobromomethane	0.0200	0.0209		mg/Kg		104	77 - 124
Dichlorodifluoromethane	0.0200	0.0193		mg/Kg		97	45 - 129
Ethylbenzene	0.0200	0.0215		mg/Kg		108	80 - 120
Ethylene Dibromide	0.0200	0.0208		mg/Kg		104	79 - 120
Isopropylbenzene	0.0200	0.0216		mg/Kg		108	74 - 120
Methyl acetate	0.0400	0.0500	*	mg/Kg		125	57 - 120
Methyl tert-butyl ether	0.0200	0.0218		mg/Kg		109	74 - 125
Methylcyclohexane	0.0200	0.0244		mg/Kg		122	66 - 125
Methylene Chloride	0.0200	0.0231		mg/Kg		116	78 - 120
m-Xylene & p-Xylene	0.0200	0.0215		mg/Kg		108	80 - 120
o-Xylene	0.0200	0.0213		mg/Kg		107	80 - 120
Styrene	0.0200	0.0205		mg/Kg		102	80 - 120
TBA	0.200	0.198		mg/Kg		99	79 - 120
Tetrachloroethene	0.0200	0.0233		mg/Kg		116	73 - 120
Toluene	0.0200	0.0208		mg/Kg		104	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0242	*	mg/Kg		121	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	77 - 120
Trichloroethene	0.0200	0.0229		mg/Kg		115	80 - 120
Trichlorofluoromethane	0.0200	0.0183		mg/Kg		92	61 - 130
Vinyl chloride	0.0200	0.0194		mg/Kg		97	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*111*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: LCSD 460-1040663/4
Matrix: Solid
Analysis Batch: 1040663

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	0.0200	0.0221		mg/Kg		111	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		98	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0251	*	mg/Kg		125	75 - 121	5	30
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0233		mg/Kg		117	72 - 120	5	30
1,1-Dichloroethene	0.0200	0.0228		mg/Kg		114	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0235		mg/Kg		118	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0246		mg/Kg		123	77 - 136	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0171		mg/Kg		85	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0220		mg/Kg		110	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0233		mg/Kg		116	73 - 124	3	30

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

Lab Sample ID: LCSD 460-1040663/4
Matrix: Solid
Analysis Batch: 1040663

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
1,3-Dichlorobenzene	0.0200	0.0218		mg/Kg		109	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120	7	30
2-Butanone (MEK)	0.100	0.0939		mg/Kg		94	64 - 128	4	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120	3	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	7	30
Acrolein	0.300	0.256		mg/Kg		85	54 - 158	7	30
Acrylonitrile	0.200	0.214		mg/Kg		107	56 - 120	6	30
Benzene	0.0200	0.0214		mg/Kg		107	75 - 120	4	30
Bromoform	0.0200	0.0188		mg/Kg		94	61 - 125	1	30
Bromomethane	0.0200	0.0207		mg/Kg		104	37 - 150	1	30
Carbon disulfide	0.0200	0.0250		mg/Kg		125	57 - 133	5	30
Carbon tetrachloride	0.0200	0.0221		mg/Kg		111	66 - 127	5	30
Chlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120	4	30
Chlorobromomethane	0.0200	0.0213		mg/Kg		107	76 - 127	0	30
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120	2	30
Chloroethane	0.0200	0.0204		mg/Kg		102	60 - 123	2	30
Chloroform	0.0200	0.0219		mg/Kg		110	79 - 126	2	30
Chloromethane	0.0200	0.0204		mg/Kg		102	46 - 122	1	30
cis-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0211		mg/Kg		106	75 - 120	3	30
Cyclohexane	0.0200	0.0243		mg/Kg		121	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0200		mg/Kg		100	77 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0194		mg/Kg		97	45 - 129	0	30
Ethylbenzene	0.0200	0.0214		mg/Kg		107	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0201		mg/Kg		100	79 - 120	4	30
Isopropylbenzene	0.0200	0.0207		mg/Kg		103	74 - 120	4	30
Methyl acetate	0.0400	0.0509	*	mg/Kg		127	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0214		mg/Kg		107	74 - 125	2	30
Methylcyclohexane	0.0200	0.0237		mg/Kg		118	66 - 125	3	30
Methylene Chloride	0.0200	0.0223		mg/Kg		112	78 - 120	4	30
m-Xylene & p-Xylene	0.0200	0.0207		mg/Kg		104	80 - 120	4	30
o-Xylene	0.0200	0.0203		mg/Kg		101	80 - 120	5	30
Styrene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
TBA	0.200	0.183		mg/Kg		92	79 - 120	7	30
Tetrachloroethene	0.0200	0.0223		mg/Kg		112	73 - 120	4	30
Toluene	0.0200	0.0201		mg/Kg		101	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0230		mg/Kg		115	78 - 120	5	30
trans-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	77 - 120	5	30
Trichloroethene	0.0200	0.0225		mg/Kg		113	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0187		mg/Kg		93	61 - 130	2	30
Vinyl chloride	0.0200	0.0197		mg/Kg		99	54 - 122	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*111*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

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

Lab Sample ID: MB 460-1040671/9
Matrix: Water
Analysis Batch: 1040671

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	0.24	ug/L			05/31/25 08:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			05/31/25 08:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			05/31/25 08:18	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			05/31/25 08:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/31/25 08:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/31/25 08:18	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			05/31/25 08:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			05/31/25 08:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/31/25 08:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			05/31/25 08:18	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			05/31/25 08:18	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			05/31/25 08:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			05/31/25 08:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			05/31/25 08:18	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			05/31/25 08:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/31/25 08:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/31/25 08:18	1
Acetone	5.0	U	5.0	4.4	ug/L			05/31/25 08:18	1
Acrolein	4.0	U	4.0	2.4	ug/L			05/31/25 08:18	1
Acrylonitrile	5.0	U	5.0	1.8	ug/L			05/31/25 08:18	1
Benzene	0.45	U	0.45	0.070	ug/L			05/31/25 08:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/31/25 08:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/31/25 08:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/31/25 08:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/31/25 08:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/31/25 08:18	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			05/31/25 08:18	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			05/31/25 08:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/31/25 08:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/31/25 08:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/31/25 08:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			05/31/25 08:18	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			05/31/25 08:18	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			05/31/25 08:18	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			05/31/25 08:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			05/31/25 08:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/31/25 08:18	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			05/31/25 08:18	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			05/31/25 08:18	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			05/31/25 08:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			05/31/25 08:18	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			05/31/25 08:18	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			05/31/25 08:18	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			05/31/25 08:18	1
o-Xylene	1.0	U	1.0	0.36	ug/L			05/31/25 08:18	1
Styrene	1.0	U	1.0	0.42	ug/L			05/31/25 08:18	1
TBA	10	U	10	8.3	ug/L			05/31/25 08:18	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			05/31/25 08:18	1

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

Lab Sample ID: MB 460-1040671/9
Matrix: Water
Analysis Batch: 1040671

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.38	ug/L			05/31/25 08:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/31/25 08:18	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			05/31/25 08:18	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			05/31/25 08:18	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			05/31/25 08:18	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			05/31/25 08:18	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*05/31/25 08:18*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*05/31/25 08:18*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/31/25 08:18*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*05/31/25 08:18*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/31/25 08:18*	*1*

Lab Sample ID: LCS 460-1040671/4
Matrix: Water
Analysis Batch: 1040671

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	20.3		ug/L		101	72 - 128
1,1,2,2-Tetrachloroethane	20.0	23.0		ug/L		115	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	13.6		ug/L		68	65 - 142
1,1,2-Trichloroethane	20.0	21.5		ug/L		108	74 - 125
1,1-Dichloroethane	20.0	21.6		ug/L		108	73 - 130
1,1-Dichloroethene	20.0	19.0		ug/L		95	68 - 133
1,2,3-Trichlorobenzene	20.0	22.4		ug/L		112	55 - 150
1,2,4-Trichlorobenzene	20.0	22.1		ug/L		110	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	19.8		ug/L		99	58 - 132
1,2-Dichlorobenzene	20.0	22.9		ug/L		115	80 - 120
1,2-Dichloroethane	20.0	21.1		ug/L		106	66 - 129
1,2-Dichloropropane	20.0	20.9		ug/L		104	72 - 128
1,3-Dichlorobenzene	20.0	22.8		ug/L		114	80 - 120
1,4-Dichlorobenzene	20.0	22.5		ug/L		113	80 - 120
2-Butanone (MEK)	100	101		ug/L		101	65 - 142
2-Hexanone	100	117		ug/L		117	72 - 134
4-Methyl-2-pentanone (MIBK)	100	117		ug/L		117	77 - 130
Acetone	100	111		ug/L		111	60 - 133
Acrolein	40.0	40.5		ug/L		101	18 - 150
Acrylonitrile	200	220		ug/L		110	57 - 146
Benzene	20.0	22.9		ug/L		114	71 - 126
Bromoform	20.0	19.8		ug/L		99	58 - 128
Bromomethane	20.0	23.7		ug/L		118	33 - 150
Carbon disulfide	20.0	19.6		ug/L		98	35 - 150
Carbon tetrachloride	20.0	18.5		ug/L		93	65 - 131
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120

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

Lab Sample ID: LCS 460-1040671/4
Matrix: Water
Analysis Batch: 1040671

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	20.0	20.0		ug/L		100	71 - 134
Chlorodibromomethane	20.0	19.9		ug/L		100	73 - 121
Chloroethane	20.0	21.4		ug/L		107	54 - 150
Chloroform	20.0	21.6		ug/L		108	78 - 125
Chloromethane	20.0	22.5		ug/L		112	43 - 149
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	78 - 121
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	74 - 125
Cyclohexane	20.0	14.8		ug/L		74	64 - 142
Dichlorobromomethane	20.0	21.1		ug/L		105	76 - 121
Dichlorodifluoromethane	20.0	8.82		ug/L		44	38 - 144
Ethylbenzene	20.0	21.9		ug/L		110	78 - 120
Ethylene Dibromide	20.0	21.0		ug/L		105	79 - 126
Isopropylbenzene	20.0	22.0		ug/L		110	79 - 125
Methyl acetate	40.0	44.6		ug/L		111	50 - 147
Methyl tert-butyl ether	20.0	21.7		ug/L		109	72 - 131
Methylcyclohexane	20.0	14.6		ug/L		73	63 - 138
Methylene Chloride	20.0	20.9		ug/L		104	74 - 127
m-Xylene & p-Xylene	20.0	21.4		ug/L		107	78 - 120
o-Xylene	20.0	22.1		ug/L		111	78 - 120
Styrene	20.0	22.2		ug/L		111	82 - 127
TBA	200	228		ug/L		114	64 - 142
Tetrachloroethene	20.0	18.8		ug/L		94	70 - 127
Toluene	20.0	21.6		ug/L		108	78 - 120
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	70 - 126
trans-1,3-Dichloropropene	20.0	21.9		ug/L		110	71 - 127
Trichloroethene	20.0	21.3		ug/L		106	73 - 121
Trichlorofluoromethane	20.0	14.2		ug/L		71	62 - 134
Vinyl chloride	20.0	18.9		ug/L		95	55 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-1040671/5
Matrix: Water
Analysis Batch: 1040671

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	21.1		ug/L		105	72 - 128	4	30
1,1,2,2-Tetrachloroethane	20.0	22.6		ug/L		113	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	13.5		ug/L		67	65 - 142	1	30
1,1,2-Trichloroethane	20.0	21.4		ug/L		107	74 - 125	0	30
1,1-Dichloroethane	20.0	22.1		ug/L		111	73 - 130	3	30
1,1-Dichloroethene	20.0	20.1		ug/L		101	68 - 133	6	30
1,2,3-Trichlorobenzene	20.0	21.5		ug/L		108	55 - 150	4	30
1,2,4-Trichlorobenzene	20.0	21.8		ug/L		109	67 - 132	1	30

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

Lab Sample ID: LCSD 460-1040671/5
Matrix: Water
Analysis Batch: 1040671

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
1,2-Dibromo-3-Chloropropane	20.0	19.1		ug/L		95	58 - 132	4	30
1,2-Dichlorobenzene	20.0	22.7		ug/L		114	80 - 120	1	30
1,2-Dichloroethane	20.0	21.6		ug/L		108	66 - 129	3	30
1,2-Dichloropropane	20.0	21.6		ug/L		108	72 - 128	4	30
1,3-Dichlorobenzene	20.0	22.5		ug/L		112	80 - 120	2	30
1,4-Dichlorobenzene	20.0	21.7		ug/L		109	80 - 120	4	30
2-Butanone (MEK)	100	98.3		ug/L		98	65 - 142	3	30
2-Hexanone	100	113		ug/L		113	72 - 134	3	30
4-Methyl-2-pentanone (MIBK)	100	115		ug/L		115	77 - 130	2	30
Acetone	100	108		ug/L		108	60 - 133	3	30
Acrolein	40.0	40.4		ug/L		101	18 - 150	0	30
Acrylonitrile	200	224		ug/L		112	57 - 146	2	30
Benzene	20.0	23.1		ug/L		116	71 - 126	1	30
Bromoform	20.0	21.0		ug/L		105	58 - 128	6	30
Bromomethane	20.0	23.5		ug/L		118	33 - 150	1	30
Carbon disulfide	20.0	20.5		ug/L		103	35 - 150	5	30
Carbon tetrachloride	20.0	19.2		ug/L		96	65 - 131	4	30
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120	0	30
Chlorobromomethane	20.0	21.3		ug/L		107	71 - 134	6	30
Chlorodibromomethane	20.0	21.1		ug/L		105	73 - 121	6	30
Chloroethane	20.0	22.1		ug/L		111	54 - 150	3	30
Chloroform	20.0	21.8		ug/L		109	78 - 125	1	30
Chloromethane	20.0	23.4		ug/L		117	43 - 149	4	30
cis-1,2-Dichloroethene	20.0	21.5		ug/L		108	78 - 121	2	30
cis-1,3-Dichloropropene	20.0	21.9		ug/L		109	74 - 125	0	30
Cyclohexane	20.0	14.8		ug/L		74	64 - 142	0	30
Dichlorobromomethane	20.0	22.2		ug/L		111	76 - 121	5	30
Dichlorodifluoromethane	20.0	8.54		ug/L		43	38 - 144	3	30
Ethylbenzene	20.0	21.8		ug/L		109	78 - 120	1	30
Ethylene Dibromide	20.0	21.3		ug/L		106	79 - 126	1	30
Isopropylbenzene	20.0	22.6		ug/L		113	79 - 125	2	30
Methyl acetate	40.0	40.4		ug/L		101	50 - 147	10	30
Methyl tert-butyl ether	20.0	21.7		ug/L		108	72 - 131	0	30
Methylcyclohexane	20.0	14.4		ug/L		72	63 - 138	1	30
Methylene Chloride	20.0	21.4		ug/L		107	74 - 127	3	30
m-Xylene & p-Xylene	20.0	21.2		ug/L		106	78 - 120	1	30
o-Xylene	20.0	22.1		ug/L		110	78 - 120	0	30
Styrene	20.0	22.3		ug/L		112	82 - 127	0	30
TBA	200	220		ug/L		110	64 - 142	4	30
Tetrachloroethene	20.0	19.5		ug/L		97	70 - 127	3	30
Toluene	20.0	21.8		ug/L		109	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	20.7		ug/L		104	70 - 126	2	30
trans-1,3-Dichloropropene	20.0	22.6		ug/L		113	71 - 127	3	30
Trichloroethene	20.0	22.0		ug/L		110	73 - 121	3	30
Trichlorofluoromethane	20.0	14.5		ug/L		73	62 - 134	2	30
Vinyl chloride	20.0	19.6		ug/L		98	55 - 144	3	30

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

Lab Sample ID: LCSD 460-1040671/5
Matrix: Water
Analysis Batch: 1040671

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 460-1040792/7
Matrix: Solid
Analysis Batch: 1040792

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	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:27	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/01/25 06:27	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:27	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:27	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:27	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/01/25 06:27	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:27	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/01/25 06:27	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:27	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/01/25 06:27	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/01/25 06:27	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/01/25 06:27	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/01/25 06:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/01/25 06:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/01/25 06:27	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/01/25 06:27	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/01/25 06:27	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/01/25 06:27	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/01/25 06:27	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/01/25 06:27	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/01/25 06:27	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:27	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/01/25 06:27	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/01/25 06:27	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:27	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/01/25 06:27	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:27	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/01/25 06:27	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/01/25 06:27	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:27	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:27	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/01/25 06:27	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/01/25 06:27	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/01/25 06:27	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/01/25 06:27	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/01/25 06:27	1

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

Lab Sample ID: MB 460-1040792/7
Matrix: Solid
Analysis Batch: 1040792

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			06/01/25 06:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/01/25 06:27	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/01/25 06:27	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/01/25 06:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/01/25 06:27	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/01/25 06:27	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/01/25 06:27	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/01/25 06:27	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/01/25 06:27	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/01/25 06:27	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:27	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/01/25 06:27	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:27	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/01/25 06:27	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/01/25 06:27	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/01/25 06:27	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/01/25 06:27*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*06/01/25 06:27*	*1*
4-Bromofluorobenzene	*85*		*71 - 128*		*06/01/25 06:27*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*		*06/01/25 06:27*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*06/01/25 06:27*	*1*

Lab Sample ID: LCS 460-1040792/3
Matrix: Solid
Analysis Batch: 1040792

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	0.0200	0.0184		mg/Kg		92	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0178		mg/Kg		89	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0213		mg/Kg		106	75 - 121
1,1,2-Trichloroethane	0.0200	0.0188		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0200		mg/Kg		100	72 - 120
1,1-Dichloroethene	0.0200	0.0196		mg/Kg		98	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0174		mg/Kg		87	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0174		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120
1,2-Dichloroethane	0.0200	0.0181		mg/Kg		91	70 - 123
1,2-Dichloropropane	0.0200	0.0208		mg/Kg		104	73 - 124
1,3-Dichlorobenzene	0.0200	0.0177		mg/Kg		89	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0764		mg/Kg		76	64 - 128
2-Hexanone	0.100	0.0883		mg/Kg		88	75 - 120

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

Lab Sample ID: LCS 460-1040792/3
Matrix: Solid
Analysis Batch: 1040792

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0939		mg/Kg		94	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Acrolein	0.300	0.244		mg/Kg		81	54 - 158
Acrylonitrile	0.200	0.236		mg/Kg		118	56 - 120
Benzene	0.0200	0.0201		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0213		mg/Kg		107	61 - 125
Bromomethane	0.0200	0.0180		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0212		mg/Kg		106	57 - 133
Carbon tetrachloride	0.0200	0.0192		mg/Kg		96	66 - 127
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0189		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0163		mg/Kg		82	60 - 123
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0188		mg/Kg		94	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0196		mg/Kg		98	65 - 132
Dichlorobromomethane	0.0200	0.0193		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0164		mg/Kg		82	45 - 129
Ethylbenzene	0.0200	0.0185		mg/Kg		93	80 - 120
Ethylene Dibromide	0.0200	0.0180		mg/Kg		90	79 - 120
Isopropylbenzene	0.0200	0.0186		mg/Kg		93	74 - 120
Methyl acetate	0.0400	0.0425		mg/Kg		106	57 - 120
Methyl tert-butyl ether	0.0200	0.0172		mg/Kg		86	74 - 125
Methylcyclohexane	0.0200	0.0199		mg/Kg		99	66 - 125
Methylene Chloride	0.0200	0.0197		mg/Kg		99	78 - 120
m-Xylene & p-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
o-Xylene	0.0200	0.0180		mg/Kg		90	80 - 120
Styrene	0.0200	0.0175		mg/Kg		87	80 - 120
TBA	0.200	0.166		mg/Kg		83	79 - 120
Tetrachloroethene	0.0200	0.0204		mg/Kg		102	73 - 120
Toluene	0.0200	0.0184		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	77 - 120
Trichloroethene	0.0200	0.0175		mg/Kg		88	80 - 120
Trichlorofluoromethane	0.0200	0.0164		mg/Kg		82	61 - 130
Vinyl chloride	0.0200	0.0179		mg/Kg		90	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*
4-Bromofluorobenzene	*89*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*107*		*71 - 126*

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

Lab Sample ID: LCSD 460-1040792/4
Matrix: Solid
Analysis Batch: 1040792

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			0.0200	0.0172		mg/Kg		86	78 - 120	7	30
1,1,2,2-Tetrachloroethane			0.0200	0.0177		mg/Kg		89	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0196		mg/Kg		98	75 - 121	8	30
1,1,2-Trichloroethane			0.0200	0.0185		mg/Kg		93	80 - 120	1	30
1,1-Dichloroethane			0.0200	0.0199		mg/Kg		99	72 - 120	0	30
1,1-Dichloroethene			0.0200	0.0186		mg/Kg		93	76 - 120	6	30
1,2,3-Trichlorobenzene			0.0200	0.0170		mg/Kg		85	77 - 137	4	30
1,2,4-Trichlorobenzene			0.0200	0.0169		mg/Kg		84	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0170		mg/Kg		85	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0170		mg/Kg		85	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0179		mg/Kg		89	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0199		mg/Kg		100	73 - 124	4	30
1,3-Dichlorobenzene			0.0200	0.0171		mg/Kg		85	80 - 120	4	30
1,4-Dichlorobenzene			0.0200	0.0171		mg/Kg		86	80 - 120	5	30
2-Butanone (MEK)			0.100	0.0745		mg/Kg		75	64 - 128	2	30
2-Hexanone			0.100	0.0861		mg/Kg		86	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0890		mg/Kg		89	80 - 120	5	30
Acetone			0.100	0.0949		mg/Kg		95	58 - 122	7	30
Acrolein			0.300	0.238		mg/Kg		79	54 - 158	3	30
Acrylonitrile			0.200	0.227		mg/Kg		113	56 - 120	4	30
Benzene			0.0200	0.0190		mg/Kg		95	75 - 120	5	30
Bromoform			0.0200	0.0205		mg/Kg		102	61 - 125	4	30
Bromomethane			0.0200	0.0163		mg/Kg		82	37 - 150	10	30
Carbon disulfide			0.0200	0.0199		mg/Kg		99	57 - 133	7	30
Carbon tetrachloride			0.0200	0.0184		mg/Kg		92	66 - 127	4	30
Chlorobenzene			0.0200	0.0179		mg/Kg		89	80 - 120	6	30
Chlorobromomethane			0.0200	0.0189		mg/Kg		94	76 - 127	0	30
Chlorodibromomethane			0.0200	0.0194		mg/Kg		97	72 - 120	3	30
Chloroethane			0.0200	0.0153		mg/Kg		76	60 - 123	7	30
Chloroform			0.0200	0.0184		mg/Kg		92	79 - 126	4	30
Chloromethane			0.0200	0.0175		mg/Kg		87	46 - 122	8	30
cis-1,2-Dichloroethene			0.0200	0.0182		mg/Kg		91	80 - 123	2	30
cis-1,3-Dichloropropene			0.0200	0.0174		mg/Kg		87	75 - 120	3	30
Cyclohexane			0.0200	0.0182		mg/Kg		91	65 - 132	8	30
Dichlorobromomethane			0.0200	0.0187		mg/Kg		93	77 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0152		mg/Kg		76	45 - 129	8	30
Ethylbenzene			0.0200	0.0172		mg/Kg		86	80 - 120	7	30
Ethylene Dibromide			0.0200	0.0176		mg/Kg		88	79 - 120	2	30
Isopropylbenzene			0.0200	0.0171		mg/Kg		85	74 - 120	9	30
Methyl acetate			0.0400	0.0418		mg/Kg		105	57 - 120	2	30
Methyl tert-butyl ether			0.0200	0.0174		mg/Kg		87	74 - 125	1	30
Methylcyclohexane			0.0200	0.0188		mg/Kg		94	66 - 125	6	30
Methylene Chloride			0.0200	0.0191		mg/Kg		95	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0169		mg/Kg		85	80 - 120	6	30
o-Xylene			0.0200	0.0170		mg/Kg		85	80 - 120	6	30
Styrene			0.0200	0.0164		mg/Kg		82	80 - 120	6	30
TBA			0.200	0.171		mg/Kg		86	79 - 120	3	30
Tetrachloroethene			0.0200	0.0192		mg/Kg		96	73 - 120	6	30

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

Lab Sample ID: LCSD 460-1040792/4
Matrix: Solid
Analysis Batch: 1040792

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
Toluene			0.0200	0.0173		mg/Kg		87	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0191		mg/Kg		95	78 - 120	4	30
trans-1,3-Dichloropropene			0.0200	0.0166		mg/Kg		83	77 - 120	2	30
Trichloroethene			0.0200	0.0168		mg/Kg		84	80 - 120	4	30
Trichlorofluoromethane			0.0200	0.0152		mg/Kg		76	61 - 130	8	30
Vinyl chloride			0.0200	0.0161		mg/Kg		81	54 - 122	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*
4-Bromofluorobenzene	*88*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: MB 460-1040795/7
Matrix: Solid
Analysis Batch: 1040795

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	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:45	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/01/25 06:45	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:45	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:45	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:45	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/01/25 06:45	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:45	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/01/25 06:45	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:45	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/01/25 06:45	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/01/25 06:45	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/01/25 06:45	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:45	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/01/25 06:45	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/01/25 06:45	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/01/25 06:45	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/01/25 06:45	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/01/25 06:45	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/01/25 06:45	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/01/25 06:45	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/01/25 06:45	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/01/25 06:45	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:45	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/01/25 06:45	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/01/25 06:45	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/01/25 06:45	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/01/25 06:45	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/01/25 06:45	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/01/25 06:45	1

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

Lab Sample ID: MB 460-1040795/7
Matrix: Solid
Analysis Batch: 1040795

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			06/01/25 06:45	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/01/25 06:45	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:45	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/01/25 06:45	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/01/25 06:45	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/01/25 06:45	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/01/25 06:45	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/01/25 06:45	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/01/25 06:45	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/01/25 06:45	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/01/25 06:45	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/01/25 06:45	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/01/25 06:45	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/01/25 06:45	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/01/25 06:45	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/01/25 06:45	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/01/25 06:45	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/01/25 06:45	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/01/25 06:45	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/01/25 06:45	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/01/25 06:45	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/01/25 06:45	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/01/25 06:45	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/01/25 06:45	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/01/25 06:45*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*		*06/01/25 06:45*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*		*06/01/25 06:45*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 150*		*06/01/25 06:45*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*06/01/25 06:45*	*1*

Lab Sample ID: LCS 460-1040795/3
Matrix: Solid
Analysis Batch: 1040795

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	0.0200	0.0214		mg/Kg		107	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0188		mg/Kg		94	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0241		mg/Kg		121	75 - 121
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		95	80 - 120
1,1-Dichloroethane	0.0200	0.0225		mg/Kg		112	72 - 120
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		107	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0224		mg/Kg		112	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0234		mg/Kg		117	77 - 136

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

Lab Sample ID: LCS 460-1040795/3
Matrix: Solid
Analysis Batch: 1040795

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0167		mg/Kg		84	80 - 124
1,2-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0200	0.0214		mg/Kg		107	70 - 123
1,2-Dichloropropane	0.0200	0.0225		mg/Kg		113	73 - 124
1,3-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120
2-Butanone (MEK)	0.100	0.0910		mg/Kg		91	64 - 128
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.100		mg/Kg		100	80 - 120
Acetone	0.100	0.107		mg/Kg		107	58 - 122
Acrolein	0.300	0.260		mg/Kg		87	54 - 158
Acrylonitrile	0.200	0.208		mg/Kg		104	56 - 120
Benzene	0.0200	0.0203		mg/Kg		102	75 - 120
Bromoform	0.0200	0.0180		mg/Kg		90	61 - 125
Bromomethane	0.0200	0.0194		mg/Kg		97	37 - 150
Carbon disulfide	0.0200	0.0236		mg/Kg		118	57 - 133
Carbon tetrachloride	0.0200	0.0212		mg/Kg		106	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0180		mg/Kg		90	72 - 120
Chloroethane	0.0200	0.0188		mg/Kg		94	60 - 123
Chloroform	0.0200	0.0214		mg/Kg		107	79 - 126
Chloromethane	0.0200	0.0189		mg/Kg		95	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0215		mg/Kg		107	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0201		mg/Kg		100	75 - 120
Cyclohexane	0.0200	0.0233		mg/Kg		116	65 - 132
Dichlorobromomethane	0.0200	0.0193		mg/Kg		96	77 - 124
Dichlorodifluoromethane	0.0200	0.0174		mg/Kg		87	45 - 129
Ethylbenzene	0.0200	0.0200		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0477		mg/Kg		119	57 - 120
Methyl tert-butyl ether	0.0200	0.0205		mg/Kg		103	74 - 125
Methylcyclohexane	0.0200	0.0222		mg/Kg		111	66 - 125
Methylene Chloride	0.0200	0.0214		mg/Kg		107	78 - 120
m-Xylene & p-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
Styrene	0.0200	0.0189		mg/Kg		95	80 - 120
TBA	0.200	0.186		mg/Kg		93	79 - 120
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0220		mg/Kg		110	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0191		mg/Kg		95	77 - 120
Trichloroethene	0.0200	0.0208		mg/Kg		104	80 - 120
Trichlorofluoromethane	0.0200	0.0178		mg/Kg		89	61 - 130
Vinyl chloride	0.0200	0.0181		mg/Kg		91	54 - 122

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

Lab Sample ID: LCS 460-1040795/3
Matrix: Solid
Analysis Batch: 1040795

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*107*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*99*		*71 - 126*

Lab Sample ID: LCSD 460-1040795/4
Matrix: Solid
Analysis Batch: 1040795

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			0.0200	0.0204		mg/Kg		102	78 - 120	5	30
1,1,2,2-Tetrachloroethane			0.0200	0.0188		mg/Kg		94	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0240		mg/Kg		120	75 - 121	1	30
1,1,2-Trichloroethane			0.0200	0.0186		mg/Kg		93	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0218		mg/Kg		109	72 - 120	3	30
1,1-Dichloroethene			0.0200	0.0211		mg/Kg		105	76 - 120	1	30
1,2,3-Trichlorobenzene			0.0200	0.0215		mg/Kg		108	77 - 137	4	30
1,2,4-Trichlorobenzene			0.0200	0.0227		mg/Kg		114	77 - 136	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0166		mg/Kg		83	80 - 124	1	30
1,2-Dichlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120	5	30
1,2-Dichloroethane			0.0200	0.0201		mg/Kg		100	70 - 123	6	30
1,2-Dichloropropane			0.0200	0.0220		mg/Kg		110	73 - 124	2	30
1,3-Dichlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	1	30
1,4-Dichlorobenzene			0.0200	0.0203		mg/Kg		101	80 - 120	4	30
2-Butanone (MEK)			0.100	0.0911		mg/Kg		91	64 - 128	0	30
2-Hexanone			0.100	0.0994		mg/Kg		99	75 - 120	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0973		mg/Kg		97	80 - 120	3	30
Acetone			0.100	0.105		mg/Kg		105	58 - 122	2	30
Acrolein			0.300	0.250		mg/Kg		83	54 - 158	4	30
Acrylonitrile			0.200	0.208		mg/Kg		104	56 - 120	0	30
Benzene			0.0200	0.0200		mg/Kg		100	75 - 120	2	30
Bromoform			0.0200	0.0177		mg/Kg		89	61 - 125	2	30
Bromomethane			0.0200	0.0205		mg/Kg		102	37 - 150	6	30
Carbon disulfide			0.0200	0.0232		mg/Kg		116	57 - 133	2	30
Carbon tetrachloride			0.0200	0.0205		mg/Kg		103	66 - 127	3	30
Chlorobenzene			0.0200	0.0189		mg/Kg		95	80 - 120	2	30
Chlorobromomethane			0.0200	0.0199		mg/Kg		100	76 - 127	4	30
Chlorodibromomethane			0.0200	0.0177		mg/Kg		89	72 - 120	2	30
Chloroethane			0.0200	0.0199		mg/Kg		100	60 - 123	6	30
Chloroform			0.0200	0.0206		mg/Kg		103	79 - 126	4	30
Chloromethane			0.0200	0.0196		mg/Kg		98	46 - 122	4	30
cis-1,2-Dichloroethene			0.0200	0.0204		mg/Kg		102	80 - 123	5	30
cis-1,3-Dichloropropene			0.0200	0.0195		mg/Kg		97	75 - 120	3	30
Cyclohexane			0.0200	0.0219		mg/Kg		110	65 - 132	6	30
Dichlorobromomethane			0.0200	0.0189		mg/Kg		94	77 - 124	2	30
Dichlorodifluoromethane			0.0200	0.0187		mg/Kg		94	45 - 129	7	30
Ethylbenzene			0.0200	0.0200		mg/Kg		100	80 - 120	0	30
Ethylene Dibromide			0.0200	0.0186		mg/Kg		93	79 - 120	3	30

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

Lab Sample ID: LCSD 460-1040795/4
Matrix: Solid
Analysis Batch: 1040795

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
Isopropylbenzene			0.0200	0.0193		mg/Kg		97	74 - 120	2	30
Methyl acetate			0.0400	0.0463		mg/Kg		116	57 - 120	3	30
Methyl tert-butyl ether			0.0200	0.0200		mg/Kg		100	74 - 125	3	30
Methylcyclohexane			0.0200	0.0214		mg/Kg		107	66 - 125	4	30
Methylene Chloride			0.0200	0.0205		mg/Kg		103	78 - 120	4	30
m-Xylene & p-Xylene			0.0200	0.0192		mg/Kg		96	80 - 120	1	30
o-Xylene			0.0200	0.0193		mg/Kg		97	80 - 120	1	30
Styrene			0.0200	0.0188		mg/Kg		94	80 - 120	1	30
TBA			0.200	0.179		mg/Kg		90	79 - 120	4	30
Tetrachloroethene			0.0200	0.0209		mg/Kg		105	73 - 120	2	30
Toluene			0.0200	0.0189		mg/Kg		95	80 - 120	2	30
trans-1,2-Dichloroethene			0.0200	0.0210		mg/Kg		105	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0182		mg/Kg		91	77 - 120	4	30
Trichloroethene			0.0200	0.0202		mg/Kg		101	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0183		mg/Kg		92	61 - 130	3	30
Vinyl chloride			0.0200	0.0189		mg/Kg		94	54 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*111*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: MB 460-1040884/7
Matrix: Solid
Analysis Batch: 1040884

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	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:44	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 06:44	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:44	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:44	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:44	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/02/25 06:44	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:44	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 06:44	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:44	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 06:44	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 06:44	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/02/25 06:44	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:44	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/02/25 06:44	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/02/25 06:44	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/02/25 06:44	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/02/25 06:44	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/02/25 06:44	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/02/25 06:44	1

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

Lab Sample ID: MB 460-1040884/7
Matrix: Solid
Analysis Batch: 1040884

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/02/25 06:44	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/02/25 06:44	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/02/25 06:44	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:44	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/02/25 06:44	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 06:44	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:44	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/02/25 06:44	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:44	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/02/25 06:44	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/02/25 06:44	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:44	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:44	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/02/25 06:44	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/02/25 06:44	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/02/25 06:44	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/02/25 06:44	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 06:44	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/02/25 06:44	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/02/25 06:44	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 06:44	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 06:44	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/02/25 06:44	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 06:44	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 06:44	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/02/25 06:44	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/02/25 06:44	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/02/25 06:44	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:44	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/02/25 06:44	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:44	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/02/25 06:44	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/02/25 06:44	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/02/25 06:44	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/02/25 06:44*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*		*06/02/25 06:44*	*1*
4-Bromofluorobenzene	*92*		*71 - 128*		*06/02/25 06:44*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*		*06/02/25 06:44*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*06/02/25 06:44*	*1*

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

Lab Sample ID: LCS 460-1040884/2
Matrix: Solid
Analysis Batch: 1040884

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	0.0200	0.0171		mg/Kg		85	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0173		mg/Kg		87	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0191		mg/Kg		96	75 - 121
1,1,2-Trichloroethane	0.0200	0.0186		mg/Kg		93	80 - 120
1,1-Dichloroethane	0.0200	0.0196		mg/Kg		98	72 - 120
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		88	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0178		mg/Kg		89	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0174		mg/Kg		87	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0180		mg/Kg		90	80 - 124
1,2-Dichlorobenzene	0.0200	0.0176		mg/Kg		88	80 - 120
1,2-Dichloroethane	0.0200	0.0174		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0194		mg/Kg		97	73 - 124
1,3-Dichlorobenzene	0.0200	0.0169		mg/Kg		85	80 - 120
1,4-Dichlorobenzene	0.0200	0.0176		mg/Kg		88	80 - 120
2-Butanone (MEK)	0.100	0.0756		mg/Kg		76	64 - 128
2-Hexanone	0.100	0.0841		mg/Kg		84	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0881		mg/Kg		88	80 - 120
Acetone	0.100	0.0950		mg/Kg		95	58 - 122
Acrolein	0.300	0.254		mg/Kg		85	54 - 158
Acrylonitrile	0.200	0.228		mg/Kg		114	56 - 120
Benzene	0.0200	0.0190		mg/Kg		95	75 - 120
Bromoform	0.0200	0.0207		mg/Kg		104	61 - 125
Bromomethane	0.0200	0.0183		mg/Kg		92	37 - 150
Carbon disulfide	0.0200	0.0198		mg/Kg		99	57 - 133
Carbon tetrachloride	0.0200	0.0182		mg/Kg		91	66 - 127
Chlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
Chlorobromomethane	0.0200	0.0188		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0193		mg/Kg		97	72 - 120
Chloroethane	0.0200	0.0172		mg/Kg		86	60 - 123
Chloroform	0.0200	0.0184		mg/Kg		92	79 - 126
Chloromethane	0.0200	0.0200		mg/Kg		100	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0181		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0187		mg/Kg		93	65 - 132
Dichlorobromomethane	0.0200	0.0181		mg/Kg		91	77 - 124
Dichlorodifluoromethane	0.0200	0.0166		mg/Kg		83	45 - 129
Ethylbenzene	0.0200	0.0181		mg/Kg		91	80 - 120
Ethylene Dibromide	0.0200	0.0178		mg/Kg		89	79 - 120
Isopropylbenzene	0.0200	0.0179		mg/Kg		89	74 - 120
Methyl acetate	0.0400	0.0431		mg/Kg		108	57 - 120
Methyl tert-butyl ether	0.0200	0.0170		mg/Kg		85	74 - 125
Methylcyclohexane	0.0200	0.0189		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0185		mg/Kg		93	78 - 120
m-Xylene & p-Xylene	0.0200	0.0175		mg/Kg		88	80 - 120
o-Xylene	0.0200	0.0176		mg/Kg		88	80 - 120
Styrene	0.0200	0.0169		mg/Kg		84	80 - 120
TBA	0.200	0.170		mg/Kg		85	79 - 120
Tetrachloroethene	0.0200	0.0195		mg/Kg		98	73 - 120

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

Lab Sample ID: LCS 460-1040884/2
Matrix: Solid
Analysis Batch: 1040884

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			0.0200	0.0178		mg/Kg		89	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0191		mg/Kg		96	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0166		mg/Kg		83	77 - 120		
Trichloroethene			0.0200	0.0171		mg/Kg		86	80 - 120		
Trichlorofluoromethane			0.0200	0.0175		mg/Kg		87	61 - 130		
Vinyl chloride			0.0200	0.0188		mg/Kg		94	54 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*
4-Bromofluorobenzene	*89*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: LCSD 460-1040884/4
Matrix: Solid
Analysis Batch: 1040884

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			0.0200	0.0167		mg/Kg		83	78 - 120	3	30
1,1,2,2-Tetrachloroethane			0.0200	0.0177		mg/Kg		88	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0191		mg/Kg		95	75 - 121	0	30
1,1,2-Trichloroethane			0.0200	0.0183		mg/Kg		91	80 - 120	2	30
1,1-Dichloroethane			0.0200	0.0193		mg/Kg		96	72 - 120	2	30
1,1-Dichloroethene			0.0200	0.0179		mg/Kg		90	76 - 120	2	30
1,2,3-Trichlorobenzene			0.0200	0.0171		mg/Kg		86	77 - 137	4	30
1,2,4-Trichlorobenzene			0.0200	0.0168		mg/Kg		84	77 - 136	4	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0180		mg/Kg		90	80 - 124	0	30
1,2-Dichlorobenzene			0.0200	0.0172		mg/Kg		86	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0174		mg/Kg		87	70 - 123	0	30
1,2-Dichloropropane			0.0200	0.0193		mg/Kg		97	73 - 124	0	30
1,3-Dichlorobenzene			0.0200	0.0165		mg/Kg		83	80 - 120	2	30
1,4-Dichlorobenzene			0.0200	0.0169		mg/Kg		85	80 - 120	4	30
2-Butanone (MEK)			0.100	0.0747		mg/Kg		75	64 - 128	1	30
2-Hexanone			0.100	0.0853		mg/Kg		85	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0871		mg/Kg		87	80 - 120	1	30
Acetone			0.100	0.0940		mg/Kg		94	58 - 122	1	30
Acrolein			0.300	0.251		mg/Kg		84	54 - 158	1	30
Acrylonitrile			0.200	0.217		mg/Kg		108	56 - 120	5	30
Benzene			0.0200	0.0187		mg/Kg		94	75 - 120	1	30
Bromoform			0.0200	0.0214		mg/Kg		107	61 - 125	3	30
Bromomethane			0.0200	0.0164		mg/Kg		82	37 - 150	11	30
Carbon disulfide			0.0200	0.0193		mg/Kg		97	57 - 133	2	30
Carbon tetrachloride			0.0200	0.0172		mg/Kg		86	66 - 127	5	30
Chlorobenzene			0.0200	0.0179		mg/Kg		89	80 - 120	3	30
Chlorobromomethane			0.0200	0.0187		mg/Kg		93	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0192		mg/Kg		96	72 - 120	1	30
Chloroethane			0.0200	0.0153		mg/Kg		76	60 - 123	12	30
Chloroform			0.0200	0.0181		mg/Kg		90	79 - 126	2	30

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

Lab Sample ID: LCSD 460-1040884/4
Matrix: Solid
Analysis Batch: 1040884

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	0.0172		mg/Kg		86	46 - 122	15	30
cis-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		90	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0172		mg/Kg		86	75 - 120	1	30
Cyclohexane	0.0200	0.0179		mg/Kg		90	65 - 132	4	30
Dichlorobromomethane	0.0200	0.0181		mg/Kg		91	77 - 124	0	30
Dichlorodifluoromethane	0.0200	0.0147		mg/Kg		74	45 - 129	12	30
Ethylbenzene	0.0200	0.0173		mg/Kg		86	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0178		mg/Kg		89	79 - 120	0	30
Isopropylbenzene	0.0200	0.0174		mg/Kg		87	74 - 120	2	30
Methyl acetate	0.0400	0.0462		mg/Kg		116	57 - 120	7	30
Methyl tert-butyl ether	0.0200	0.0173		mg/Kg		86	74 - 125	2	30
Methylcyclohexane	0.0200	0.0180		mg/Kg		90	66 - 125	5	30
Methylene Chloride	0.0200	0.0189		mg/Kg		94	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0171		mg/Kg		86	80 - 120	2	30
o-Xylene	0.0200	0.0171		mg/Kg		85	80 - 120	3	30
Styrene	0.0200	0.0167		mg/Kg		84	80 - 120	1	30
TBA	0.200	0.170		mg/Kg		85	79 - 120	0	30
Tetrachloroethene	0.0200	0.0186		mg/Kg		93	73 - 120	5	30
Toluene	0.0200	0.0171		mg/Kg		86	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120	3	30
trans-1,3-Dichloropropene	0.0200	0.0165		mg/Kg		82	77 - 120	1	30
Trichloroethene	0.0200	0.0171		mg/Kg		85	80 - 120	0	30
Trichlorofluoromethane	0.0200	0.0158		mg/Kg		79	61 - 130	10	30
Vinyl chloride	0.0200	0.0164		mg/Kg		82	54 - 122	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*81*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*50 - 150*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: MB 460-1040885/8
Matrix: Solid
Analysis Batch: 1040885

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	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:57	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 06:57	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:57	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:57	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:57	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/02/25 06:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:57	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 06:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:57	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 06:57	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 06:57	1

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

Lab Sample ID: MB 460-1040885/8
Matrix: Solid
Analysis Batch: 1040885

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/02/25 06:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:57	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/02/25 06:57	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/02/25 06:57	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/02/25 06:57	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/02/25 06:57	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/02/25 06:57	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/02/25 06:57	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/02/25 06:57	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/02/25 06:57	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/02/25 06:57	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:57	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/02/25 06:57	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 06:57	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 06:57	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/02/25 06:57	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 06:57	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/02/25 06:57	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/02/25 06:57	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 06:57	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:57	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/02/25 06:57	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/02/25 06:57	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/02/25 06:57	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/02/25 06:57	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 06:57	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/02/25 06:57	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/02/25 06:57	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 06:57	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 06:57	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/02/25 06:57	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 06:57	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 06:57	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/02/25 06:57	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/02/25 06:57	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/02/25 06:57	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 06:57	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/02/25 06:57	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 06:57	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/02/25 06:57	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/02/25 06:57	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/02/25 06:57	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/02/25 06:57*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*		*06/02/25 06:57*	*1*

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

Lab Sample ID: MB 460-1040885/8
Matrix: Solid
Analysis Batch: 1040885

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*116*		*71 - 128*		*06/02/25 06:57*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 150*		*06/02/25 06:57*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*06/02/25 06:57*	*1*

Lab Sample ID: LCS 460-1040885/3
Matrix: Solid
Analysis Batch: 1040885

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	0.0200	0.0205		mg/Kg		103	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0189		mg/Kg		94	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0234		mg/Kg		117	75 - 121
1,1,2-Trichloroethane	0.0200	0.0183		mg/Kg		92	80 - 120
1,1-Dichloroethane	0.0200	0.0213		mg/Kg		107	72 - 120
1,1-Dichloroethene	0.0200	0.0206		mg/Kg		103	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0211		mg/Kg		106	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0226		mg/Kg		113	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0156	*	mg/Kg		78	80 - 124
1,2-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
1,2-Dichloroethane	0.0200	0.0205		mg/Kg		102	70 - 123
1,2-Dichloropropane	0.0200	0.0212		mg/Kg		106	73 - 124
1,3-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
2-Butanone (MEK)	0.100	0.0903		mg/Kg		90	64 - 128
2-Hexanone	0.100	0.0972		mg/Kg		97	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0966		mg/Kg		97	80 - 120
Acetone	0.100	0.105		mg/Kg		105	58 - 122
Acrolein	0.300	0.266		mg/Kg		89	54 - 158
Acrylonitrile	0.200	0.198		mg/Kg		99	56 - 120
Benzene	0.0200	0.0197		mg/Kg		99	75 - 120
Bromoform	0.0200	0.0172		mg/Kg		86	61 - 125
Bromomethane	0.0200	0.0204		mg/Kg		102	37 - 150
Carbon disulfide	0.0200	0.0221		mg/Kg		111	57 - 133
Carbon tetrachloride	0.0200	0.0205		mg/Kg		103	66 - 127
Chlorobenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Chlorobromomethane	0.0200	0.0197		mg/Kg		98	76 - 127
Chlorodibromomethane	0.0200	0.0175		mg/Kg		88	72 - 120
Chloroethane	0.0200	0.0200		mg/Kg		100	60 - 123
Chloroform	0.0200	0.0206		mg/Kg		103	79 - 126
Chloromethane	0.0200	0.0192		mg/Kg		96	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0206		mg/Kg		103	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0195		mg/Kg		97	75 - 120
Cyclohexane	0.0200	0.0217		mg/Kg		108	65 - 132
Dichlorobromomethane	0.0200	0.0189		mg/Kg		94	77 - 124
Dichlorodifluoromethane	0.0200	0.0185		mg/Kg		92	45 - 129
Ethylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0181		mg/Kg		91	79 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120

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

Lab Sample ID: LCS 460-1040885/3
Matrix: Solid
Analysis Batch: 1040885

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	0.0400	0.0478		mg/Kg		120	57 - 120
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		98	74 - 125
Methylcyclohexane	0.0200	0.0211		mg/Kg		106	66 - 125
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
o-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
Styrene	0.0200	0.0181		mg/Kg		91	80 - 120
TBA	0.200	0.175		mg/Kg		88	79 - 120
Tetrachloroethene	0.0200	0.0202		mg/Kg		101	73 - 120
Toluene	0.0200	0.0185		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	77 - 120
Trichloroethene	0.0200	0.0205		mg/Kg		102	80 - 120
Trichlorofluoromethane	0.0200	0.0188		mg/Kg		94	61 - 130
Vinyl chloride	0.0200	0.0191		mg/Kg		96	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*
4-Bromofluorobenzene	*110*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1040885/4
Matrix: Solid
Analysis Batch: 1040885

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	0.0200	0.0215		mg/Kg		107	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0204		mg/Kg		102	70 - 133	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0250	*	mg/Kg		125	75 - 121	7	30
1,1,2-Trichloroethane	0.0200	0.0203		mg/Kg		102	80 - 120	10	30
1,1-Dichloroethane	0.0200	0.0229		mg/Kg		115	72 - 120	7	30
1,1-Dichloroethene	0.0200	0.0226		mg/Kg		113	76 - 120	9	30
1,2,3-Trichlorobenzene	0.0200	0.0230		mg/Kg		115	77 - 137	9	30
1,2,4-Trichlorobenzene	0.0200	0.0242		mg/Kg		121	77 - 136	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0168		mg/Kg		84	80 - 124	8	30
1,2-Dichlorobenzene	0.0200	0.0203		mg/Kg		102	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0216		mg/Kg		108	70 - 123	5	30
1,2-Dichloropropane	0.0200	0.0227		mg/Kg		113	73 - 124	7	30
1,3-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0215		mg/Kg		108	80 - 120	6	30
2-Butanone (MEK)	0.100	0.0931		mg/Kg		93	64 - 128	3	30
2-Hexanone	0.100	0.102		mg/Kg		102	75 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120	6	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	1	30
Acrolein	0.300	0.288		mg/Kg		96	54 - 158	8	30
Acrylonitrile	0.200	0.210		mg/Kg		105	56 - 120	6	30
Benzene	0.0200	0.0212		mg/Kg		106	75 - 120	7	30

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

Lab Sample ID: LCSD 460-1040885/4
Matrix: Solid
Analysis Batch: 1040885

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
Bromoform			0.0200	0.0187		mg/Kg		94	61 - 125	8	30
Bromomethane			0.0200	0.0208		mg/Kg		104	37 - 150	2	30
Carbon disulfide			0.0200	0.0237		mg/Kg		119	57 - 133	7	30
Carbon tetrachloride			0.0200	0.0218		mg/Kg		109	66 - 127	6	30
Chlorobenzene			0.0200	0.0200		mg/Kg		100	80 - 120	3	30
Chlorobromomethane			0.0200	0.0208		mg/Kg		104	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0191		mg/Kg		95	72 - 120	9	30
Chloroethane			0.0200	0.0204		mg/Kg		102	60 - 123	2	30
Chloroform			0.0200	0.0217		mg/Kg		108	79 - 126	5	30
Chloromethane			0.0200	0.0203		mg/Kg		101	46 - 122	5	30
cis-1,2-Dichloroethene			0.0200	0.0212		mg/Kg		106	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0202		mg/Kg		101	75 - 120	4	30
Cyclohexane			0.0200	0.0232		mg/Kg		116	65 - 132	7	30
Dichlorobromomethane			0.0200	0.0201		mg/Kg		100	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0187		mg/Kg		94	45 - 129	1	30
Ethylbenzene			0.0200	0.0209		mg/Kg		104	80 - 120	8	30
Ethylene Dibromide			0.0200	0.0195		mg/Kg		97	79 - 120	7	30
Isopropylbenzene			0.0200	0.0210		mg/Kg		105	74 - 120	9	30
Methyl acetate			0.0400	0.0484	*	mg/Kg		121	57 - 120	1	30
Methyl tert-butyl ether			0.0200	0.0208		mg/Kg		104	74 - 125	6	30
Methylcyclohexane			0.0200	0.0224		mg/Kg		112	66 - 125	6	30
Methylene Chloride			0.0200	0.0215		mg/Kg		108	78 - 120	7	30
m-Xylene & p-Xylene			0.0200	0.0203		mg/Kg		102	80 - 120	8	30
o-Xylene			0.0200	0.0209		mg/Kg		104	80 - 120	12	30
Styrene			0.0200	0.0197		mg/Kg		98	80 - 120	8	30
TBA			0.200	0.185		mg/Kg		92	79 - 120	5	30
Tetrachloroethene			0.0200	0.0222		mg/Kg		111	73 - 120	9	30
Toluene			0.0200	0.0197		mg/Kg		99	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0221		mg/Kg		111	78 - 120	5	30
trans-1,3-Dichloropropene			0.0200	0.0196		mg/Kg		98	77 - 120	9	30
Trichloroethene			0.0200	0.0209		mg/Kg		105	80 - 120	2	30
Trichlorofluoromethane			0.0200	0.0194		mg/Kg		97	61 - 130	3	30
Vinyl chloride			0.0200	0.0204		mg/Kg		102	54 - 122	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*115*		*71 - 128*
Dibromofluoromethane (Surr)	*113*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: MB 460-1041006/8
Matrix: Solid
Analysis Batch: 1041006

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	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 19:11	1

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

Lab Sample ID: MB 460-1041006/8
Matrix: Solid
Analysis Batch: 1041006

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:11	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/02/25 19:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 19:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 19:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 19:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/02/25 19:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:11	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/02/25 19:11	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/02/25 19:11	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/02/25 19:11	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/02/25 19:11	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/02/25 19:11	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/02/25 19:11	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/02/25 19:11	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/02/25 19:11	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/02/25 19:11	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:11	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/02/25 19:11	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 19:11	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:11	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/02/25 19:11	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:11	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/02/25 19:11	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/02/25 19:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:11	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/02/25 19:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/02/25 19:11	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/02/25 19:11	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/02/25 19:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 19:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/02/25 19:11	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/02/25 19:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 19:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 19:11	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/02/25 19:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 19:11	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 19:11	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/02/25 19:11	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/02/25 19:11	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/02/25 19:11	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:11	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/02/25 19:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:11	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/02/25 19:11	1

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

Lab Sample ID: MB 460-1041006/8
Matrix: Solid
Analysis Batch: 1041006

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/02/25 19:11	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/02/25 19:11	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/02/25 19:11*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*		*06/02/25 19:11*	*1*
4-Bromofluorobenzene	*117*		*71 - 128*		*06/02/25 19:11*	*1*
Dibromofluoromethane (Surr)	*111*		*50 - 150*		*06/02/25 19:11*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*06/02/25 19:11*	*1*

Lab Sample ID: LCS 460-1041006/3
Matrix: Solid
Analysis Batch: 1041006

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	0.0200	0.0204		mg/Kg		102	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0196		mg/Kg		98	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229		mg/Kg		115	75 - 121
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	80 - 120
1,1-Dichloroethane	0.0200	0.0222		mg/Kg		111	72 - 120
1,1-Dichloroethene	0.0200	0.0201		mg/Kg		101	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0219		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0229		mg/Kg		115	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0169		mg/Kg		84	80 - 124
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0200	0.0212		mg/Kg		106	70 - 123
1,2-Dichloropropane	0.0200	0.0227		mg/Kg		113	73 - 124
1,3-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
2-Butanone (MEK)	0.100	0.0929		mg/Kg		93	64 - 128
2-Hexanone	0.100	0.101		mg/Kg		101	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0975		mg/Kg		98	80 - 120
Acetone	0.100	0.104		mg/Kg		104	58 - 122
Acrolein	0.300	0.320		mg/Kg		107	54 - 158
Acrylonitrile	0.200	0.210		mg/Kg		105	56 - 120
Benzene	0.0200	0.0199		mg/Kg		99	75 - 120
Bromoform	0.0200	0.0177		mg/Kg		88	61 - 125
Bromomethane	0.0200	0.0233		mg/Kg		116	37 - 150
Carbon disulfide	0.0200	0.0200		mg/Kg		100	57 - 133
Carbon tetrachloride	0.0200	0.0211		mg/Kg		105	66 - 127
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0199		mg/Kg		99	76 - 127
Chlorodibromomethane	0.0200	0.0180		mg/Kg		90	72 - 120
Chloroethane	0.0200	0.0225		mg/Kg		113	60 - 123
Chloroform	0.0200	0.0211		mg/Kg		105	79 - 126

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

Lab Sample ID: LCS 460-1041006/3
Matrix: Solid
Analysis Batch: 1041006

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	0.0231		mg/Kg		116	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0212		mg/Kg		106	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	75 - 120
Cyclohexane	0.0200	0.0212		mg/Kg		106	65 - 132
Dichlorobromomethane	0.0200	0.0195		mg/Kg		98	77 - 124
Dichlorodifluoromethane	0.0200	0.0230		mg/Kg		115	45 - 129
Ethylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0492	*	mg/Kg		123	57 - 120
Methyl tert-butyl ether	0.0200	0.0206		mg/Kg		103	74 - 125
Methylcyclohexane	0.0200	0.0210		mg/Kg		105	66 - 125
Methylene Chloride	0.0200	0.0207		mg/Kg		104	78 - 120
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120
o-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
Styrene	0.0200	0.0189		mg/Kg		94	80 - 120
TBA	0.200	0.185		mg/Kg		93	79 - 120
Tetrachloroethene	0.0200	0.0205		mg/Kg		102	73 - 120
Toluene	0.0200	0.0189		mg/Kg		94	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0211		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0188		mg/Kg		94	77 - 120
Trichloroethene	0.0200	0.0205		mg/Kg		102	80 - 120
Trichlorofluoromethane	0.0200	0.0223		mg/Kg		111	61 - 130
Vinyl chloride	0.0200	0.0225		mg/Kg		113	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*109*		*71 - 128*
Dibromofluoromethane (Surr)	*110*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: LCSD 460-1041006/26
Matrix: Solid
Analysis Batch: 1041006

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	0.0200	0.0214		mg/Kg		107	78 - 120	5	30
1,1,2,2-Tetrachloroethane	0.0200	0.0203		mg/Kg		101	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0229		mg/Kg		114	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0225		mg/Kg		112	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		107	76 - 120	6	30
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		97	77 - 137	12	30
1,2,4-Trichlorobenzene	0.0200	0.0197		mg/Kg		99	77 - 136	15	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	80 - 124	4	30
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0213		mg/Kg		107	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0224		mg/Kg		112	73 - 124	1	30

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

Lab Sample ID: LCSD 460-1041006/26
Matrix: Solid
Analysis Batch: 1041006

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
1,3-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120	10	30
1,4-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
2-Butanone (MEK)	0.100	0.0959		mg/Kg		96	64 - 128	3	30
2-Hexanone	0.100	0.109		mg/Kg		109	75 - 120	7	30
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120	7	30
Acetone	0.100	0.106		mg/Kg		106	58 - 122	2	30
Acrolein	0.300	0.335		mg/Kg		112	54 - 158	5	30
Acrylonitrile	0.200	0.214		mg/Kg		107	56 - 120	2	30
Benzene	0.0200	0.0204		mg/Kg		102	75 - 120	3	30
Bromoform	0.0200	0.0170		mg/Kg		85	61 - 125	4	30
Bromomethane	0.0200	0.0223		mg/Kg		112	37 - 150	4	30
Carbon disulfide	0.0200	0.0198		mg/Kg		99	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0204		mg/Kg		102	66 - 127	3	30
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	0	30
Chlorobromomethane	0.0200	0.0196		mg/Kg		98	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0176		mg/Kg		88	72 - 120	2	30
Chloroethane	0.0200	0.0207		mg/Kg		103	60 - 123	9	30
Chloroform	0.0200	0.0221		mg/Kg		110	79 - 126	5	30
Chloromethane	0.0200	0.0209		mg/Kg		104	46 - 122	10	30
cis-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		103	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0202		mg/Kg		101	75 - 120	2	30
Cyclohexane	0.0200	0.0201		mg/Kg		101	65 - 132	6	30
Dichlorobromomethane	0.0200	0.0194		mg/Kg		97	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0213		mg/Kg		107	45 - 129	8	30
Ethylbenzene	0.0200	0.0190		mg/Kg		95	80 - 120	3	30
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120	1	30
Isopropylbenzene	0.0200	0.0178		mg/Kg		89	74 - 120	9	30
Methyl acetate	0.0400	0.0494	*	mg/Kg		124	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0206		mg/Kg		103	74 - 125	0	30
Methylcyclohexane	0.0200	0.0180		mg/Kg		90	66 - 125	15	30
Methylene Chloride	0.0200	0.0215		mg/Kg		108	78 - 120	4	30
m-Xylene & p-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120	4	30
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120	3	30
Styrene	0.0200	0.0183		mg/Kg		91	80 - 120	3	30
TBA	0.200	0.210		mg/Kg		105	79 - 120	12	30
Tetrachloroethene	0.0200	0.0195		mg/Kg		98	73 - 120	5	30
Toluene	0.0200	0.0187		mg/Kg		93	80 - 120	1	30
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0183		mg/Kg		91	77 - 120	3	30
Trichloroethene	0.0200	0.0206		mg/Kg		103	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0197		mg/Kg		98	61 - 130	13	30
Vinyl chloride	0.0200	0.0208		mg/Kg		104	54 - 122	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*113*		*50 - 150*
Toluene-d8 (Surr)	*105*		*71 - 126*

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

Lab Sample ID: MB 460-1041007/9
Matrix: Solid
Analysis Batch: 1041007

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	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:41	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 19:41	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:41	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:41	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:41	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/02/25 19:41	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:41	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 19:41	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:41	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/02/25 19:41	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 19:41	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/02/25 19:41	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:41	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/02/25 19:41	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/02/25 19:41	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/02/25 19:41	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/02/25 19:41	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/02/25 19:41	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/02/25 19:41	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/02/25 19:41	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/02/25 19:41	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/02/25 19:41	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:41	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/02/25 19:41	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 19:41	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/02/25 19:41	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/02/25 19:41	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/02/25 19:41	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/02/25 19:41	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/02/25 19:41	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/02/25 19:41	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:41	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/02/25 19:41	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/02/25 19:41	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/02/25 19:41	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/02/25 19:41	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 19:41	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/02/25 19:41	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/02/25 19:41	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/02/25 19:41	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/02/25 19:41	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/02/25 19:41	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/02/25 19:41	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/02/25 19:41	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/02/25 19:41	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/02/25 19:41	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/02/25 19:41	1

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

Lab Sample ID: MB 460-1041007/9
Matrix: Solid
Analysis Batch: 1041007

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/02/25 19:41	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/02/25 19:41	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/02/25 19:41	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/02/25 19:41	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/02/25 19:41	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/02/25 19:41	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/02/25 19:41*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*		*06/02/25 19:41*	*1*
4-Bromofluorobenzene	*87*		*71 - 128*		*06/02/25 19:41*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*		*06/02/25 19:41*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*06/02/25 19:41*	*1*

Lab Sample ID: LCS 460-1041007/5
Matrix: Solid
Analysis Batch: 1041007

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	0.0200	0.0173		mg/Kg		87	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0185		mg/Kg		93	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0164		mg/Kg		82	75 - 121
1,1,2-Trichloroethane	0.0200	0.0189		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0199		mg/Kg		99	72 - 120
1,1-Dichloroethene	0.0200	0.0180		mg/Kg		90	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0152	*	mg/Kg		76	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0152	*	mg/Kg		76	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0196		mg/Kg		98	80 - 124
1,2-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
1,2-Dichloroethane	0.0200	0.0174		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0201		mg/Kg		100	73 - 124
1,3-Dichlorobenzene	0.0200	0.0167		mg/Kg		84	80 - 120
1,4-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
2-Butanone (MEK)	0.100	0.0832		mg/Kg		83	64 - 128
2-Hexanone	0.100	0.0966		mg/Kg		97	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0945		mg/Kg		94	80 - 120
Acetone	0.100	0.102		mg/Kg		102	58 - 122
Acrolein	0.300	0.329		mg/Kg		110	54 - 158
Acrylonitrile	0.200	0.222		mg/Kg		111	56 - 120
Benzene	0.0200	0.0194		mg/Kg		97	75 - 120
Bromoform	0.0200	0.0216		mg/Kg		108	61 - 125
Bromomethane	0.0200	0.0210		mg/Kg		105	37 - 150
Carbon disulfide	0.0200	0.0177		mg/Kg		89	57 - 133
Carbon tetrachloride	0.0200	0.0175		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120

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

Lab Sample ID: LCS 460-1041007/5
Matrix: Solid
Analysis Batch: 1041007

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0188		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0191		mg/Kg		96	60 - 123
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0200		mg/Kg		100	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0160		mg/Kg		80	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0175		mg/Kg		87	45 - 129
Ethylbenzene	0.0200	0.0175		mg/Kg		88	80 - 120
Ethylene Dibromide	0.0200	0.0185		mg/Kg		93	79 - 120
Isopropylbenzene	0.0200	0.0162		mg/Kg		81	74 - 120
Methyl acetate	0.0400	0.0462		mg/Kg		116	57 - 120
Methyl tert-butyl ether	0.0200	0.0174		mg/Kg		87	74 - 125
Methylcyclohexane	0.0200	0.0143		mg/Kg		71	66 - 125
Methylene Chloride	0.0200	0.0190		mg/Kg		95	78 - 120
m-Xylene & p-Xylene	0.0200	0.0173		mg/Kg		87	80 - 120
o-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120
Styrene	0.0200	0.0171		mg/Kg		86	80 - 120
TBA	0.200	0.193		mg/Kg		97	79 - 120
Tetrachloroethene	0.0200	0.0188		mg/Kg		94	73 - 120
Toluene	0.0200	0.0183		mg/Kg		92	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	77 - 120
Trichloroethene	0.0200	0.0181		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0186		mg/Kg		93	61 - 130
Vinyl chloride	0.0200	0.0211		mg/Kg		105	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*90*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: LCSD 460-1041007/6
Matrix: Solid
Analysis Batch: 1041007

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	0.0200	0.0179		mg/Kg		89	78 - 120	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.0179		mg/Kg		90	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0188		mg/Kg		94	75 - 121	14	30
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	80 - 120	2	30
1,1-Dichloroethane	0.0200	0.0201		mg/Kg		100	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0187		mg/Kg		93	76 - 120	3	30
1,2,3-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 137	15	30
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	77 - 136	15	30

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

Lab Sample ID: LCSD 460-1041007/6
Matrix: Solid
Analysis Batch: 1041007

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
1,2-Dibromo-3-Chloropropane	0.0200	0.0184		mg/Kg		92	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0175		mg/Kg		88	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		101	73 - 124	1	30
1,3-Dichlorobenzene	0.0200	0.0177		mg/Kg		88	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120	7	30
2-Butanone (MEK)	0.100	0.0810		mg/Kg		81	64 - 128	3	30
2-Hexanone	0.100	0.0947		mg/Kg		95	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0951		mg/Kg		95	80 - 120	1	30
Acetone	0.100	0.101		mg/Kg		101	58 - 122	1	30
Acrolein	0.300	0.321		mg/Kg		107	54 - 158	2	30
Acrylonitrile	0.200	0.235		mg/Kg		118	56 - 120	6	30
Benzene	0.0200	0.0196		mg/Kg		98	75 - 120	1	30
Bromoform	0.0200	0.0220		mg/Kg		110	61 - 125	2	30
Bromomethane	0.0200	0.0214		mg/Kg		107	37 - 150	2	30
Carbon disulfide	0.0200	0.0185		mg/Kg		92	57 - 133	4	30
Carbon tetrachloride	0.0200	0.0184		mg/Kg		92	66 - 127	5	30
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	5	30
Chlorobromomethane	0.0200	0.0192		mg/Kg		96	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0202		mg/Kg		101	72 - 120	2	30
Chloroethane	0.0200	0.0189		mg/Kg		94	60 - 123	1	30
Chloroform	0.0200	0.0187		mg/Kg		93	79 - 126	0	30
Chloromethane	0.0200	0.0207		mg/Kg		103	46 - 122	3	30
cis-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	75 - 120	2	30
Cyclohexane	0.0200	0.0187		mg/Kg		93	65 - 132	16	30
Dichlorobromomethane	0.0200	0.0191		mg/Kg		96	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0184		mg/Kg		92	45 - 129	5	30
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120	9	30
Ethylene Dibromide	0.0200	0.0189		mg/Kg		94	79 - 120	2	30
Isopropylbenzene	0.0200	0.0183		mg/Kg		92	74 - 120	13	30
Methyl acetate	0.0400	0.0430		mg/Kg		107	57 - 120	7	30
Methyl tert-butyl ether	0.0200	0.0178		mg/Kg		89	74 - 125	3	30
Methylcyclohexane	0.0200	0.0191		mg/Kg		95	66 - 125	29	30
Methylene Chloride	0.0200	0.0195		mg/Kg		97	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120	7	30
o-Xylene	0.0200	0.0187		mg/Kg		93	80 - 120	7	30
Styrene	0.0200	0.0179		mg/Kg		90	80 - 120	4	30
TBA	0.200	0.186		mg/Kg		93	79 - 120	4	30
Tetrachloroethene	0.0200	0.0202		mg/Kg		101	73 - 120	7	30
Toluene	0.0200	0.0189		mg/Kg		94	80 - 120	3	30
trans-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	78 - 120	1	30
trans-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		88	77 - 120	2	30
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0192		mg/Kg		96	61 - 130	4	30
Vinyl chloride	0.0200	0.0206		mg/Kg		103	54 - 122	2	30

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

Lab Sample ID: LCSD 460-1041007/6
Matrix: Solid
Analysis Batch: 1041007

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*92*		*71 - 128*
Dibromofluoromethane (Surr)	*105*		*50 - 150*
Toluene-d8 (Surr)	*104*		*71 - 126*

Lab Sample ID: MB 460-1041146/9
Matrix: Solid
Analysis Batch: 1041146

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	0.050	U	0.050	0.014	mg/Kg			06/03/25 11:37	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			06/03/25 11:37	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			06/03/25 11:37	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			06/03/25 11:37	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			06/03/25 11:37	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			06/03/25 11:37	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			06/03/25 11:37	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			06/03/25 11:37	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			06/03/25 11:37	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			06/03/25 11:37	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			06/03/25 11:37	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			06/03/25 11:37	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			06/03/25 11:37	50
Acetone	0.25	U	0.25	0.22	mg/Kg			06/03/25 11:37	50
Acrolein	0.25	U	0.25	0.12	mg/Kg			06/03/25 11:37	50
Acrylonitrile	0.50	U	0.50	0.091	mg/Kg			06/03/25 11:37	50
Benzene	0.050	U	0.050	0.010	mg/Kg			06/03/25 11:37	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			06/03/25 11:37	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			06/03/25 11:37	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			06/03/25 11:37	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			06/03/25 11:37	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			06/03/25 11:37	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			06/03/25 11:37	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			06/03/25 11:37	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			06/03/25 11:37	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			06/03/25 11:37	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			06/03/25 11:37	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			06/03/25 11:37	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			06/03/25 11:37	50

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

Lab Sample ID: MB 460-1041146/9
Matrix: Solid
Analysis Batch: 1041146

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			06/03/25 11:37	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			06/03/25 11:37	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			06/03/25 11:37	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			06/03/25 11:37	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			06/03/25 11:37	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			06/03/25 11:37	50
TBA	0.50	U	0.50	0.41	mg/Kg			06/03/25 11:37	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			06/03/25 11:37	50
Toluene	0.050	U	0.050	0.013	mg/Kg			06/03/25 11:37	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			06/03/25 11:37	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			06/03/25 11:37	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			06/03/25 11:37	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			06/03/25 11:37	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*		*06/03/25 11:37*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*60 - 150*		*06/03/25 11:37*	*50*
4-Bromofluorobenzene	*100*		*70 - 150*		*06/03/25 11:37*	*50*
Dibromofluoromethane (Surr)	*106*		*68 - 150*		*06/03/25 11:37*	*50*
Toluene-d8 (Surr)	*99*		*64 - 157*		*06/03/25 11:37*	*50*

Lab Sample ID: LCS 460-1041146/3
Matrix: Solid
Analysis Batch: 1041146

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	1.00	0.953		mg/Kg		95	76 - 120
1,1,2,2-Tetrachloroethane	1.00	1.10		mg/Kg		110	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.08		mg/Kg		108	79 - 120
1,1,2-Trichloroethane	1.00	1.01		mg/Kg		101	80 - 120
1,1-Dichloroethane	1.00	0.980		mg/Kg		98	70 - 120
1,1-Dichloroethene	1.00	1.08		mg/Kg		108	69 - 120
1,2,3-Trichlorobenzene	1.00	1.15		mg/Kg		115	80 - 137
1,2,4-Trichlorobenzene	1.00	0.995		mg/Kg		100	80 - 134
1,2-Dibromo-3-Chloropropane	1.00	0.875		mg/Kg		87	68 - 134
1,2-Dichlorobenzene	1.00	1.04		mg/Kg		104	80 - 120
1,2-Dichloroethane	1.00	1.07		mg/Kg		107	72 - 124
1,2-Dichloropropane	1.00	0.957		mg/Kg		96	74 - 120
1,3-Dichlorobenzene	1.00	1.03		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	1.00	1.02		mg/Kg		102	80 - 120
2-Butanone (MEK)	5.00	5.09		mg/Kg		102	64 - 121
2-Hexanone	5.00	4.88		mg/Kg		98	70 - 120

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

Lab Sample ID: LCS 460-1041146/3
Matrix: Solid
Analysis Batch: 1041146

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	5.00	4.95		mg/Kg		99	64 - 127
Acetone	5.00	5.17		mg/Kg		103	52 - 127
Acrolein	2.00	2.34		mg/Kg		117	10 - 150
Acrylonitrile	10.0	10.0		mg/Kg		100	50 - 130
Benzene	1.00	0.996		mg/Kg		100	75 - 120
Bromoform	1.00	0.923		mg/Kg		92	68 - 122
Bromomethane	1.00	0.973		mg/Kg		97	16 - 125
Carbon disulfide	1.00	0.937		mg/Kg		94	59 - 127
Carbon tetrachloride	1.00	0.957		mg/Kg		96	77 - 120
Chlorobenzene	1.00	0.984		mg/Kg		98	80 - 120
Chlorobromomethane	1.00	0.991		mg/Kg		99	77 - 120
Chlorodibromomethane	1.00	1.04		mg/Kg		104	80 - 120
Chloroethane	1.00	0.920		mg/Kg		92	61 - 140
Chloroform	1.00	0.998		mg/Kg		100	73 - 120
Chloromethane	1.00	0.961		mg/Kg		96	42 - 136
cis-1,2-Dichloroethene	1.00	0.950		mg/Kg		95	73 - 120
cis-1,3-Dichloropropene	1.00	0.935		mg/Kg		93	79 - 120
Cyclohexane	1.00	1.09		mg/Kg		109	76 - 125
Dichlorobromomethane	1.00	0.949		mg/Kg		95	77 - 120
Dichlorodifluoromethane	1.00	0.859		mg/Kg		86	39 - 140
Ethylbenzene	1.00	0.956		mg/Kg		96	80 - 121
Ethylene Dibromide	1.00	1.07		mg/Kg		107	80 - 120
Isopropylbenzene	1.00	1.05		mg/Kg		105	74 - 125
Methyl acetate	2.00	2.08		mg/Kg		104	40 - 130
Methyl tert-butyl ether	1.00	0.976		mg/Kg		98	77 - 125
Methylcyclohexane	1.00	1.04		mg/Kg		104	75 - 127
Methylene Chloride	1.00	0.964		mg/Kg		96	73 - 120
m-Xylene & p-Xylene	1.00	1.00		mg/Kg		100	79 - 120
o-Xylene	1.00	0.947		mg/Kg		95	80 - 123
Styrene	1.00	0.976		mg/Kg		98	80 - 124
TBA	10.0	10.4		mg/Kg		104	75 - 120
Tetrachloroethene	1.00	0.882		mg/Kg		88	78 - 120
Toluene	1.00	1.01		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	1.00	0.996		mg/Kg		100	70 - 120
trans-1,3-Dichloropropene	1.00	1.02		mg/Kg		102	73 - 120
Trichloroethene	1.00	0.987		mg/Kg		99	77 - 120
Trichlorofluoromethane	1.00	1.10		mg/Kg		110	61 - 143
Vinyl chloride	1.00	0.934		mg/Kg		93	50 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 150*
4-Bromofluorobenzene	*101*		*70 - 150*
Dibromofluoromethane (Surr)	*104*		*68 - 150*
Toluene-d8 (Surr)	*101*		*64 - 157*

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

Lab Sample ID: LCSD 460-1041146/4
Matrix: Solid
Analysis Batch: 1041146

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			1.00	1.02		mg/Kg		102	76 - 120	6	30
1,1,2,2-Tetrachloroethane			1.00	1.12		mg/Kg		112	72 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.15		mg/Kg		115	79 - 120	6	30
1,1,2-Trichloroethane			1.00	0.947		mg/Kg		95	80 - 120	7	30
1,1-Dichloroethane			1.00	0.960		mg/Kg		96	70 - 120	2	30
1,1-Dichloroethene			1.00	1.04		mg/Kg		104	69 - 120	4	30
1,2,3-Trichlorobenzene			1.00	1.14		mg/Kg		114	80 - 137	1	30
1,2,4-Trichlorobenzene			1.00	1.04		mg/Kg		104	80 - 134	5	30
1,2-Dibromo-3-Chloropropane			1.00	0.952		mg/Kg		95	68 - 134	9	30
1,2-Dichlorobenzene			1.00	1.02		mg/Kg		102	80 - 120	1	30
1,2-Dichloroethane			1.00	1.10		mg/Kg		110	72 - 124	3	30
1,2-Dichloropropane			1.00	0.974		mg/Kg		97	74 - 120	2	30
1,3-Dichlorobenzene			1.00	1.01		mg/Kg		101	80 - 120	2	30
1,4-Dichlorobenzene			1.00	1.05		mg/Kg		105	80 - 120	3	30
2-Butanone (MEK)			5.00	5.19		mg/Kg		104	64 - 121	2	30
2-Hexanone			5.00	5.17		mg/Kg		103	70 - 120	6	30
4-Methyl-2-pentanone (MIBK)			5.00	4.90		mg/Kg		98	64 - 127	1	30
Acetone			5.00	5.18		mg/Kg		104	52 - 127	0	30
Acrolein			2.00	2.07		mg/Kg		103	10 - 150	12	30
Acrylonitrile			10.0	9.90		mg/Kg		99	50 - 130	1	30
Benzene			1.00	0.969		mg/Kg		97	75 - 120	3	30
Bromoform			1.00	0.924		mg/Kg		92	68 - 122	0	30
Bromomethane			1.00	0.965		mg/Kg		97	16 - 125	1	30
Carbon disulfide			1.00	0.964		mg/Kg		96	59 - 127	3	30
Carbon tetrachloride			1.00	0.963		mg/Kg		96	77 - 120	1	30
Chlorobenzene			1.00	0.958		mg/Kg		96	80 - 120	3	30
Chlorobromomethane			1.00	1.03		mg/Kg		103	77 - 120	4	30
Chlorodibromomethane			1.00	1.01		mg/Kg		101	80 - 120	3	30
Chloroethane			1.00	0.974		mg/Kg		97	61 - 140	6	30
Chloroform			1.00	1.02		mg/Kg		102	73 - 120	2	30
Chloromethane			1.00	0.957		mg/Kg		96	42 - 136	0	30
cis-1,2-Dichloroethene			1.00	0.988		mg/Kg		99	73 - 120	4	30
cis-1,3-Dichloropropene			1.00	0.976		mg/Kg		98	79 - 120	4	30
Cyclohexane			1.00	1.10		mg/Kg		110	76 - 125	2	30
Dichlorobromomethane			1.00	0.955		mg/Kg		95	77 - 120	1	30
Dichlorodifluoromethane			1.00	0.844		mg/Kg		84	39 - 140	2	30
Ethylbenzene			1.00	0.954		mg/Kg		95	80 - 121	0	30
Ethylene Dibromide			1.00	1.00		mg/Kg		100	80 - 120	7	30
Isopropylbenzene			1.00	0.995		mg/Kg		99	74 - 125	6	30
Methyl acetate			2.00	2.00		mg/Kg		100	40 - 130	4	30
Methyl tert-butyl ether			1.00	1.00		mg/Kg		100	77 - 125	3	30
Methylcyclohexane			1.00	1.05		mg/Kg		105	75 - 127	0	30
Methylene Chloride			1.00	1.02		mg/Kg		102	73 - 120	6	30
m-Xylene & p-Xylene			1.00	0.969		mg/Kg		97	79 - 120	4	30
o-Xylene			1.00	0.949		mg/Kg		95	80 - 123	0	30
Styrene			1.00	0.987		mg/Kg		99	80 - 124	1	30
TBA			10.0	9.76		mg/Kg		98	75 - 120	6	30
Tetrachloroethene			1.00	0.870		mg/Kg		87	78 - 120	1	30

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

Lab Sample ID: LCSD 460-1041146/4
Matrix: Solid
Analysis Batch: 1041146

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
Toluene			1.00	0.960		mg/Kg		96	80 - 120	5	30
trans-1,2-Dichloroethene			1.00	0.986		mg/Kg		99	70 - 120	1	30
trans-1,3-Dichloropropene			1.00	1.00		mg/Kg		100	73 - 120	1	30
Trichloroethene			1.00	1.01		mg/Kg		101	77 - 120	2	30
Trichlorofluoromethane			1.00	1.09		mg/Kg		109	61 - 143	1	30
Vinyl chloride			1.00	0.960		mg/Kg		96	50 - 131	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 150*
4-Bromofluorobenzene	*101*		*70 - 150*
Dibromofluoromethane (Surr)	*106*		*68 - 150*
Toluene-d8 (Surr)	*101*		*64 - 157*

Lab Sample ID: MB 460-1041319/7
Matrix: Solid
Analysis Batch: 1041319

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	0.0010	U	0.0010	0.00023	mg/Kg			06/04/25 01:42	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/04/25 01:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/04/25 01:42	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/04/25 01:42	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/04/25 01:42	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/04/25 01:42	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/04/25 01:42	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/04/25 01:42	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/04/25 01:42	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/04/25 01:42	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/04/25 01:42	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/04/25 01:42	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/04/25 01:42	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/04/25 01:42	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/04/25 01:42	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/04/25 01:42	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/04/25 01:42	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/04/25 01:42	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			06/04/25 01:42	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			06/04/25 01:42	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/04/25 01:42	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/04/25 01:42	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/04/25 01:42	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/04/25 01:42	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/04/25 01:42	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/04/25 01:42	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/04/25 01:42	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/04/25 01:42	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/04/25 01:42	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/04/25 01:42	1

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

Lab Sample ID: MB 460-1041319/7
Matrix: Solid
Analysis Batch: 1041319

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			06/04/25 01:42	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/04/25 01:42	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/04/25 01:42	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/04/25 01:42	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/04/25 01:42	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/04/25 01:42	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/04/25 01:42	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/04/25 01:42	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/04/25 01:42	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/04/25 01:42	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/04/25 01:42	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/04/25 01:42	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/04/25 01:42	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/04/25 01:42	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/04/25 01:42	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/04/25 01:42	1
TBA	0.010	U	0.010	0.0078	mg/Kg			06/04/25 01:42	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/04/25 01:42	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/04/25 01:42	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/04/25 01:42	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/04/25 01:42	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/04/25 01:42	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/04/25 01:42	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/04/25 01:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*		*06/04/25 01:42*	*1*
4-Bromofluorobenzene	*89*		*71 - 128*		*06/04/25 01:42*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*		*06/04/25 01:42*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*06/04/25 01:42*	*1*

Lab Sample ID: LCS 460-1041319/3
Matrix: Solid
Analysis Batch: 1041319

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	0.0200	0.0164		mg/Kg		82	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0172		mg/Kg		86	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0179		mg/Kg		90	75 - 121
1,1,2-Trichloroethane	0.0200	0.0180		mg/Kg		90	80 - 120
1,1-Dichloroethane	0.0200	0.0184		mg/Kg		92	72 - 120
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		88	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0172		mg/Kg		86	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		92	80 - 124
1,2-Dichlorobenzene	0.0200	0.0175		mg/Kg		88	80 - 120
1,2-Dichloroethane	0.0200	0.0165		mg/Kg		83	70 - 123
1,2-Dichloropropane	0.0200	0.0194		mg/Kg		97	73 - 124

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

Lab Sample ID: LCS 460-1041319/3
Matrix: Solid
Analysis Batch: 1041319

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	0.0200	0.0172		mg/Kg		86	80 - 120
1,4-Dichlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0786		mg/Kg		79	64 - 128
2-Hexanone	0.100	0.0878		mg/Kg		88	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0875		mg/Kg		87	80 - 120
Acetone	0.100	0.0905		mg/Kg		91	58 - 122
Acrolein	0.300	0.325		mg/Kg		108	54 - 158
Acrylonitrile	0.200	0.215		mg/Kg		108	56 - 120
Benzene	0.0200	0.0179		mg/Kg		90	75 - 120
Bromoform	0.0200	0.0217		mg/Kg		108	61 - 125
Bromomethane	0.0200	0.0213		mg/Kg		106	37 - 150
Carbon disulfide	0.0200	0.0190		mg/Kg		95	57 - 133
Carbon tetrachloride	0.0200	0.0177		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0189		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	72 - 120
Chloroethane	0.0200	0.0186		mg/Kg		93	60 - 123
Chloroform	0.0200	0.0177		mg/Kg		88	79 - 126
Chloromethane	0.0200	0.0210		mg/Kg		105	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0178		mg/Kg		89	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0177		mg/Kg		88	65 - 132
Dichlorobromomethane	0.0200	0.0181		mg/Kg		91	77 - 124
Dichlorodifluoromethane	0.0200	0.0187		mg/Kg		93	45 - 129
Ethylbenzene	0.0200	0.0177		mg/Kg		88	80 - 120
Ethylene Dibromide	0.0200	0.0183		mg/Kg		91	79 - 120
Isopropylbenzene	0.0200	0.0170		mg/Kg		85	74 - 120
Methyl acetate	0.0400	0.0370		mg/Kg		93	57 - 120
Methyl tert-butyl ether	0.0200	0.0165		mg/Kg		83	74 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125
Methylene Chloride	0.0200	0.0185		mg/Kg		92	78 - 120
m-Xylene & p-Xylene	0.0200	0.0174		mg/Kg		87	80 - 120
o-Xylene	0.0200	0.0173		mg/Kg		86	80 - 120
Styrene	0.0200	0.0170		mg/Kg		85	80 - 120
TBA	0.200	0.165		mg/Kg		83	79 - 120
Tetrachloroethene	0.0200	0.0192		mg/Kg		96	73 - 120
Toluene	0.0200	0.0172		mg/Kg		86	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0167		mg/Kg		83	77 - 120
Trichloroethene	0.0200	0.0171		mg/Kg		86	80 - 120
Trichlorofluoromethane	0.0200	0.0194		mg/Kg		97	61 - 130
Vinyl chloride	0.0200	0.0203		mg/Kg		102	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*95*		*71 - 128*
Dibromofluoromethane (Surr)	*108*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

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

Lab Sample ID: LCSD 460-1041319/4
Matrix: Solid
Analysis Batch: 1041319

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			0.0200	0.0175		mg/Kg		88	78 - 120	6	30
1,1,2,2-Tetrachloroethane			0.0200	0.0177		mg/Kg		89	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0198		mg/Kg		99	75 - 121	10	30
1,1,2-Trichloroethane			0.0200	0.0187		mg/Kg		94	80 - 120	4	30
1,1-Dichloroethane			0.0200	0.0193		mg/Kg		97	72 - 120	5	30
1,1-Dichloroethene			0.0200	0.0194		mg/Kg		97	76 - 120	9	30
1,2,3-Trichlorobenzene			0.0200	0.0175		mg/Kg		87	77 - 137	0	30
1,2,4-Trichlorobenzene			0.0200	0.0173		mg/Kg		87	77 - 136	0	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0181		mg/Kg		90	80 - 124	2	30
1,2-Dichlorobenzene			0.0200	0.0180		mg/Kg		90	80 - 120	3	30
1,2-Dichloroethane			0.0200	0.0172		mg/Kg		86	70 - 123	4	30
1,2-Dichloropropane			0.0200	0.0205		mg/Kg		102	73 - 124	5	30
1,3-Dichlorobenzene			0.0200	0.0178		mg/Kg		89	80 - 120	4	30
1,4-Dichlorobenzene			0.0200	0.0181		mg/Kg		90	80 - 120	1	30
2-Butanone (MEK)			0.100	0.0821		mg/Kg		82	64 - 128	4	30
2-Hexanone			0.100	0.0933		mg/Kg		93	75 - 120	6	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0900		mg/Kg		90	80 - 120	3	30
Acetone			0.100	0.0943		mg/Kg		94	58 - 122	4	30
Acrolein			0.300	0.354		mg/Kg		118	54 - 158	9	30
Acrylonitrile			0.200	0.231		mg/Kg		116	56 - 120	7	30
Benzene			0.0200	0.0186		mg/Kg		93	75 - 120	3	30
Bromoform			0.0200	0.0228		mg/Kg		114	61 - 125	5	30
Bromomethane			0.0200	0.0214		mg/Kg		107	37 - 150	1	30
Carbon disulfide			0.0200	0.0205		mg/Kg		102	57 - 133	7	30
Carbon tetrachloride			0.0200	0.0185		mg/Kg		92	66 - 127	4	30
Chlorobenzene			0.0200	0.0193		mg/Kg		97	80 - 120	4	30
Chlorobromomethane			0.0200	0.0202		mg/Kg		101	76 - 127	7	30
Chlorodibromomethane			0.0200	0.0204		mg/Kg		102	72 - 120	3	30
Chloroethane			0.0200	0.0187		mg/Kg		94	60 - 123	1	30
Chloroform			0.0200	0.0185		mg/Kg		93	79 - 126	5	30
Chloromethane			0.0200	0.0213		mg/Kg		107	46 - 122	1	30
cis-1,2-Dichloroethene			0.0200	0.0190		mg/Kg		95	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0176		mg/Kg		88	75 - 120	1	30
Cyclohexane			0.0200	0.0191		mg/Kg		95	65 - 132	8	30
Dichlorobromomethane			0.0200	0.0193		mg/Kg		96	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0192		mg/Kg		96	45 - 129	3	30
Ethylbenzene			0.0200	0.0187		mg/Kg		93	80 - 120	5	30
Ethylene Dibromide			0.0200	0.0189		mg/Kg		94	79 - 120	3	30
Isopropylbenzene			0.0200	0.0179		mg/Kg		90	74 - 120	5	30
Methyl acetate			0.0400	0.0430		mg/Kg		108	57 - 120	15	30
Methyl tert-butyl ether			0.0200	0.0175		mg/Kg		87	74 - 125	6	30
Methylcyclohexane			0.0200	0.0194		mg/Kg		97	66 - 125	9	30
Methylene Chloride			0.0200	0.0193		mg/Kg		96	78 - 120	4	30
m-Xylene & p-Xylene			0.0200	0.0183		mg/Kg		92	80 - 120	5	30
o-Xylene			0.0200	0.0178		mg/Kg		89	80 - 120	3	30
Styrene			0.0200	0.0177		mg/Kg		88	80 - 120	4	30
TBA			0.200	0.176		mg/Kg		88	79 - 120	6	30
Tetrachloroethene			0.0200	0.0198		mg/Kg		99	73 - 120	3	30

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

Lab Sample ID: LCSD 460-1041319/4
Matrix: Solid
Analysis Batch: 1041319

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
Toluene			0.0200	0.0178		mg/Kg		89	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0197		mg/Kg		99	78 - 120	6	30
trans-1,3-Dichloropropene			0.0200	0.0173		mg/Kg		86	77 - 120	4	30
Trichloroethene			0.0200	0.0183		mg/Kg		92	80 - 120	7	30
Trichlorofluoromethane			0.0200	0.0197		mg/Kg		98	61 - 130	2	30
Vinyl chloride			0.0200	0.0211		mg/Kg		105	54 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*91*		*71 - 128*
Dibromofluoromethane (Surr)	*109*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Method: Moisture - Percent Moisture

Lab Sample ID: 460-326548-D-13 DU
Matrix: Solid
Analysis Batch: 1038774

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.1			7.6	*	%				59	20
Percent Solids	95.9			92.4		%				4	20

Lab Sample ID: 460-326550-D-5 DU
Matrix: Solid
Analysis Batch: 1038774

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.0			6.7	*	%				30	20
Percent Solids	91.0			93.3		%				3	20

Lab Sample ID: 460-326556-A-3 DU
Matrix: Solid
Analysis Batch: 1038774

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	18.8			15.6		%				18	20
Percent Solids	81.2			84.4		%				4	20

Lab Sample ID: 460-326552-D-21 DU
Matrix: Solid
Analysis Batch: 1038918

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	11.7			12.2		%				4	20
Percent Solids	88.3			87.8		%				0.6	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-326659-D-2 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.4			10.2		%				9	20
Percent Solids	90.6			89.8		%				0.9	20

Lab Sample ID: 460-326659-D-4 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.7			11.8	*	%				41	20
Percent Solids	92.3			88.3		%				4	20

Lab Sample ID: 460-326659-D-9 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture				7.8		%					
Percent Solids				92.2		%					

Lab Sample ID: 460-326659-D-19 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.3			15.9		%				18	20
Percent Solids	86.7			84.1		%				3	20

Lab Sample ID: 460-326659-E-9 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	6.0			6.9		%				14	20
Percent Solids	94.0			93.1		%				1	20

Lab Sample ID: 460-326679-B-2 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	11.1			10.8		%				2	20
Percent Solids	88.9			89.2		%				0.2	20

Lab Sample ID: 460-326686-B-1 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	11.9			9.1	*	%				27	20
Percent Solids	88.1			90.9		%				3	20

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: Moisture - Percent Moisture

Lab Sample ID: 460-326693-L-1 DU
Matrix: Solid
Analysis Batch: 1039170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.6			12.8		%				6	20
Percent Solids	86.4			87.2		%				0.9	20

Lab Sample ID: 460-326748-A-1 DU
Matrix: Solid
Analysis Batch: 1039517

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	12.9			10.6		%				19	20
Percent Solids	87.1			89.4		%				3	20

Lab Sample ID: 460-326765-A-6 DU
Matrix: Solid
Analysis Batch: 1039517

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	21.3			20.2		%				5	20
Percent Solids	78.7			79.8		%				1	20

Lab Sample ID: 460-326770-A-1 DU
Matrix: Solid
Analysis Batch: 1039517

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.0	U		1.0	U	%				NC	20
Percent Solids	99.8			99.8		%				0	20

GC/MS VOA

Prep Batch: 1038753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-11	SRI-A1-2_3-5_20250519	Total/NA	Solid	5035	
460-326644-12	SRI-A1-2_8-10_20250519	Total/NA	Solid	5035	
460-326644-13	SRI-A1-2_13-15_20250519	Total/NA	Solid	5035	
460-326644-14	SRI-X-1_13-15_20250519	Total/NA	Solid	5035	
460-326644-15	SRI-B1-2_3-5_20250519	Total/NA	Solid	5035	
LB3 460-1038753/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1038762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-27	SRI-B1-4_17-19_20250519	Total/NA	Solid	5035	

Prep Batch: 1038766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-16	SRI-B1-2_5-7_20250519	Total/NA	Solid	5035	
460-326644-17	SRI-B1-2_13-15_20250519	Total/NA	Solid	5035	
460-326644-18	SRI-B1-2_18-20_20250519	Total/NA	Solid	5035	
460-326644-19	SRI-X-2_3-5_20250519	Total/NA	Solid	5035	
460-326644-20	SRI-B1-1_3-5_20250519	Total/NA	Solid	5035	
460-326644-21	SRI-B1-3_3-5_20250519	Total/NA	Solid	5035	
460-326644-22	SRI-B1-3_5-7_20250519	Total/NA	Solid	5035	
460-326644-23	SRI-B1-3_13-15_20250519	Total/NA	Solid	5035	
460-326644-24	SRI-B1-4_3-5_20250519	Total/NA	Solid	5035	
460-326644-25	SRI-B1-4_5-7_20250519	Total/NA	Solid	5035	
460-326644-26	SRI-B1-4_13-15_20250519	Total/NA	Solid	5035	
LB3 460-1038766/1-A	Method Blank	Total/NA	Solid	5035	
460-326644-20 MS	SRI-B1-1_3-5_20250519	Total/NA	Solid	5035	
460-326644-20 MSD	SRI-B1-1_3-5_20250519	Total/NA	Solid	5035	

Prep Batch: 1038779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-39	SRI-B2-3_13-15_20250519	Total/NA	Solid	5035	
460-326644-41	SRI-B2-3_17-19_20250519	Total/NA	Solid	5035	

Prep Batch: 1038781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-33	SRI-B2-1_3-5_20250519	Total/NA	Solid	5035	
460-326644-34	SRI-B1-4_18-20_20250519	Total/NA	Solid	5035	
460-326644-35	SRI-B2-1_18-20_20250519	Total/NA	Solid	5035	
460-326644-36	SRI-B2-1_13-15_20250519	Total/NA	Solid	5035	
460-326644-37	SRI-B2-1_8-10_20250519	Total/NA	Solid	5035	
460-326644-38	SRI-B2-3_3-5_20250519	Total/NA	Solid	5035	
460-326644-40	SRI-B2-3_8-10_20250519	Total/NA	Solid	5035	
460-326644-42	SRI-B2-4_3-5_20250519	Total/NA	Solid	5035	
460-326644-43	SRI-B2-4_7-9_20250519	Total/NA	Solid	5035	
460-326644-44	SRI-B2-4_13-15_20250519	Total/NA	Solid	5035	

Prep Batch: 1038815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-1	SRI-A2-4_3-5_20250520	Total/NA	Solid	5035	
460-326580-2	SRI-A2-4_8-10_20250520	Total/NA	Solid	5035	
460-326580-3	SRI-A2-4_13-15_20250520	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1038815 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-5	SRI-B2-2_3-5_20250520	Total/NA	Solid	5035	
460-326580-6	SRI-B2-2_8-10_20250520	Total/NA	Solid	5035	
460-326580-7	SRI-B2-2_13-15_20250520	Total/NA	Solid	5035	
460-326580-8	SRI-A2-2_3-5_20250520	Total/NA	Solid	5035	
460-326580-9	SRI-A2-2_8-10_20250520	Total/NA	Solid	5035	
460-326580-10	SRI-A2-2_13-15_20250520	Total/NA	Solid	5035	
460-326580-11	SRI-A2-1_3-5_20250520	Total/NA	Solid	5035	
460-326580-12	SRI-A2-1_8-10_20250520	Total/NA	Solid	5035	
460-326580-13	SRI-A1-1_13-15_20250520	Total/NA	Solid	5035	
460-326580-14	SRI-X-3_13-15_20250520	Total/NA	Solid	5035	
460-326580-15	SRI-B1-4_22-24_20250520	Total/NA	Solid	5035	
460-326580-16	SRI-B2-3_22-24_20250520	Total/NA	Solid	5035	
460-326580-17	SRI-A2-3_3-5_20250520	Total/NA	Solid	5035	
LB3 460-1038815/1-A	Method Blank	Total/NA	Solid	5035	
460-326580-17 MS	SRI-A2-3_3-5_20250520	Total/NA	Solid	5035	
460-326580-17 MSD	SRI-A2-3_3-5_20250520	Total/NA	Solid	5035	

Prep Batch: 1038832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-18	SRI-A2-3_8-10_20250520	Total/NA	Solid	5035	
460-326580-19	SRI-A2-3_10-12_20250520	Total/NA	Solid	5035	
460-326580-20	SRI-A3-3_3-5_20250520	Total/NA	Solid	5035	
460-326580-21	SRI-A3-3_5-7_20250520	Total/NA	Solid	5035	
460-326580-22	SRI-A3-3_13-15_20250520	Total/NA	Solid	5035	
460-326580-23	SRI-X-4_5-7_20250520	Total/NA	Solid	5035	
460-326580-27	SRI-A3-4_3-5_20250520	Total/NA	Solid	5035	
460-326580-28	SRI-A3-4_6-8_20250520	Total/NA	Solid	5035	
460-326580-30	SRI-A3-2_3-5_20250520	Total/NA	Solid	5035	
460-326580-31	SRI-A3-2_8-10_20250520	Total/NA	Solid	5035	
460-326580-32	SRI-A3-2_13-15_20250520	Total/NA	Solid	5035	
460-326580-33	SRI-A3-1_3-5_20250520	Total/NA	Solid	5035	
460-326580-34	SRI-A3-1_8-10_20250520	Total/NA	Solid	5035	
460-326580-35	SRI-A3-1_13-15_20250520	Total/NA	Solid	5035	
460-326580-36	SRI-A4-1_3-5_20250520	Total/NA	Solid	5035	
460-326580-37	SRI-A4-1_7-9_20250520	Total/NA	Solid	5035	
460-326580-38	SRI-A4-2_3-5_20250520	Total/NA	Solid	5035	
460-326580-39	SRI-A4-2_6-8_20250520	Total/NA	Solid	5035	
LB3 460-1038832/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1038848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-29	SRI-A3-4_13-15_20250520	Total/NA	Solid	5035	
460-326580-22 MS	SRI-A3-3_13-15_20250520	Total/NA	Solid	5035	
460-326580-22 MSD	SRI-A3-3_13-15_20250520	Total/NA	Solid	5035	

Prep Batch: 1039184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-1	SRI-A4-4_3_5_20250521	Total/NA	Solid	5035	
460-326694-2	SRI-A4-4_6-8_20250521	Total/NA	Solid	5035	
460-326694-3	SRI-A4-3_3-5_20250521	Total/NA	Solid	5035	
460-326694-4	SRI-A4-3_8-10_20250521	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1039184 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-6	SRI-X-5_3-5_20250521	Total/NA	Solid	5035	
LB3 460-1039184/1-A	Method Blank	Total/NA	Solid	5035	
460-326694-4 MS	SRI-A4-3_8-10_20250521	Total/NA	Solid	5035	
460-326694-4 MSD	SRI-A4-3_8-10_20250521	Total/NA	Solid	5035	

Prep Batch: 1039187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-5	SRI-A4-3_10-12_20250521	Total/NA	Solid	5035	
LB3 460-1039187/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1039234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-11	SRI-B3-4_13-15_20250521	Total/NA	Solid	5035	

Prep Batch: 1039236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-9	SRI-B3-4_3-5_20250521	Total/NA	Solid	5035	
460-326694-10	SRI-B3-4_6-8_20250521	Total/NA	Solid	5035	
460-326694-12	SRI-B3-4_16-18_20250521	Total/NA	Solid	5035	
460-326694-13	SRI-B3-2B_8-10_20250521	Total/NA	Solid	5035	
460-326694-14	SRI-B3-2B_12-14_20250521	Total/NA	Solid	5035	
LB3 460-1039236/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1039242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-15	SRI-B3-2A_16-18_20250521	Total/NA	Solid	5035	
460-326694-16	SRI-B3-3_8-10_20250521	Total/NA	Solid	5035	
460-326694-17	SRI-B3-3_13-15_20250521	Total/NA	Solid	5035	
460-326694-18	SRI-B3-3_18-20_20250521	Total/NA	Solid	5035	
460-326694-15 MS	SRI-B3-2A_16-18_20250521	Total/NA	Solid	5035	
460-326694-15 MSD	SRI-B3-2A_16-18_20250521	Total/NA	Solid	5035	

Prep Batch: 1039264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-19	SRI-X-6_3-5_20250521	Total/NA	Solid	5035	
460-326694-20	SRI-B3-1_3-5_20250521	Total/NA	Solid	5035	
460-326694-21	SRI-B3-1_5-7_20250521	Total/NA	Solid	5035	

Prep Batch: 1039271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-24	SRI-B4-1A_3-5_20250521	Total/NA	Solid	5035	
460-326694-25	SRI-B4-1A_8-10_20250521	Total/NA	Solid	5035	
460-326694-26	SRI-B4-1A_13-15_20250521	Total/NA	Solid	5035	
460-326694-27	SRI-B3-2C_3-5_20250521	Total/NA	Solid	5035	
460-326694-28	SRI-B3-3B_3-5_20250521	Total/NA	Solid	5035	
LB3 460-1039271/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1039309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-42	SRI-B2-4_3-5_20250519	Total/NA	Solid	8260D	1038781
460-326644-43	SRI-B2-4_7-9_20250519	Total/NA	Solid	8260D	1038781

GC/MS VOA (Continued)

Analysis Batch: 1039309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-44	SRI-B2-4_13-15_20250519	Total/NA	Solid	8260D	1038781
MB 460-1039309/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039309/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039309/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-11	SRI-A1-2_3-5_20250519	Total/NA	Solid	8260D	1038753
460-326644-12	SRI-A1-2_8-10_20250519	Total/NA	Solid	8260D	1038753
460-326644-14	SRI-X-1_13-15_20250519	Total/NA	Solid	8260D	1038753
460-326644-15	SRI-B1-2_3-5_20250519	Total/NA	Solid	8260D	1038753
460-326644-16	SRI-B1-2_5-7_20250519	Total/NA	Solid	8260D	1038766
LB3 460-1038753/1-A	Method Blank	Total/NA	Solid	8260D	1038753
LB3 460-1038766/1-A	Method Blank	Total/NA	Solid	8260D	1038766
MB 460-1039310/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039310/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039310/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-17	SRI-B1-2_13-15_20250519	Total/NA	Solid	8260D	1038766
460-326644-18	SRI-B1-2_18-20_20250519	Total/NA	Solid	8260D	1038766
460-326644-19	SRI-X-2_3-5_20250519	Total/NA	Solid	8260D	1038766
MB 460-1039355/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039355/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039355/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 1039365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-3	SRI-B4-4_13-15_20250522	Total/NA	Solid	5035	

Prep Batch: 1039374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-1	SRI-B4-4_3-5_20250522	Total/NA	Solid	5035	
460-326756-2	SRI-B4-4_8-10_20250522	Total/NA	Solid	5035	
460-326756-4	SRI-B4-1B_3-5_20250522	Total/NA	Solid	5035	
460-326756-5	SRI-B4-1B_8-10_20250522	Total/NA	Solid	5035	
460-326756-6	SRI-B4-1B_10-12_20250522	Total/NA	Solid	5035	
460-326756-7	SRI-B4-1B_15-17_20250522	Total/NA	Solid	5035	
460-326756-17	SRI-B4-4_15-17_20250522	Total/NA	Solid	5035	
LB3 460-1039374/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1039392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-24	SRI-B4-3_13-15_20250522	Total/NA	Solid	5035	
460-326756-25	SRI-B4-3_15-17_20250522	Total/NA	Solid	5035	

Prep Batch: 1039393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-8	SRI-B4-2A_3-5_20250522	Total/NA	Solid	5035	
460-326756-9	SRI-B4-2A_8-10_20250522	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 1039393 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-10	SRI-B4-2A_11-13_20250522	Total/NA	Solid	5035	
460-326756-22	SRI-B4-3_3-5_20250522	Total/NA	Solid	5035	
460-326756-23	SRI-B4-3_8-10_20250522	Total/NA	Solid	5035	
LB3 460-1039393/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1039412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-13	SRI-B4-2B_18-20_20250522	Total/NA	Solid	5035	

Prep Batch: 1039414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-14	SRI-X-7_3-5_20250522	Total/NA	Solid	5035	
460-326756-15	SRI-A1-3B_3-5_20250522	Total/NA	Solid	5035	
460-326756-16	SRI-A1-3B_7-9_20250522	Total/NA	Solid	5035	
460-326756-18	SRI-A1-1B_3-5_20250522	Total/NA	Solid	5035	
460-326756-19	SRI-A1-1B_5-7_20250522	Total/NA	Solid	5035	
460-326756-20	SRI-A1-1B_13-15_20250522	Total/NA	Solid	5035	
460-326756-21	SRI-A1-4B_3-5_20250522	Total/NA	Solid	5035	
460-326756-18 MS	SRI-A1-1B_3-5_20250522	Total/NA	Solid	5035	
460-326756-18 MSD	SRI-A1-1B_3-5_20250522	Total/NA	Solid	5035	

Analysis Batch: 1039469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-8	SRI-A2-2_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-9	SRI-A2-2_8-10_20250520	Total/NA	Solid	8260D	1038815
460-326580-10	SRI-A2-2_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-11	SRI-A2-1_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-12	SRI-A2-1_8-10_20250520	Total/NA	Solid	8260D	1038815
MB 460-1039469/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039469/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039469/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-1	SRI-A2-4_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-2	SRI-A2-4_8-10_20250520	Total/NA	Solid	8260D	1038815
460-326580-3	SRI-A2-4_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-5	SRI-B2-2_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-6	SRI-B2-2_8-10_20250520	Total/NA	Solid	8260D	1038815
460-326644-20	SRI-B1-1_3-5_20250519	Total/NA	Solid	8260D	1038766
460-326644-21	SRI-B1-3_3-5_20250519	Total/NA	Solid	8260D	1038766
460-326644-22	SRI-B1-3_5-7_20250519	Total/NA	Solid	8260D	1038766
460-326644-23	SRI-B1-3_13-15_20250519	Total/NA	Solid	8260D	1038766
460-326644-24	SRI-B1-4_3-5_20250519	Total/NA	Solid	8260D	1038766
460-326644-25	SRI-B1-4_5-7_20250519	Total/NA	Solid	8260D	1038766
460-326644-26	SRI-B1-4_13-15_20250519	Total/NA	Solid	8260D	1038766
460-326644-33	SRI-B2-1_3-5_20250519	Total/NA	Solid	8260D	1038781
460-326644-34	SRI-B1-4_18-20_20250519	Total/NA	Solid	8260D	1038781
460-326644-36	SRI-B2-1_13-15_20250519	Total/NA	Solid	8260D	1038781
460-326644-37	SRI-B2-1_8-10_20250519	Total/NA	Solid	8260D	1038781
460-326644-38	SRI-B2-3_3-5_20250519	Total/NA	Solid	8260D	1038781

GC/MS VOA (Continued)

Analysis Batch: 1039470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 460-1038815/1-A	Method Blank	Total/NA	Solid	8260D	1038815
MB 460-1039470/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039470/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039470/3	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326644-20 MS	SRI-B1-1_3-5_20250519	Total/NA	Solid	8260D	1038766
460-326644-20 MSD	SRI-B1-1_3-5_20250519	Total/NA	Solid	8260D	1038766

Analysis Batch: 1039512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-4	SRI-FB-3_20250520	Total/NA	Water	8260D	
460-326580-24	SRI-FB-4_20250520	Total/NA	Water	8260D	
460-326580-25	SRI-TB-3_20250520	Total/NA	Water	8260D	
460-326580-26	SRI-TB-4_20250520	Total/NA	Water	8260D	
MB 460-1039512/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1039512/2	Lab Control Sample	Total/NA	Water	8260D	
460-326553-H-3 MS	Matrix Spike	Total/NA	Water	8260D	
460-326553-H-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 1039554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-7	SRI-B2-2_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-13	SRI-A1-1_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-14	SRI-X-3_13-15_20250520	Total/NA	Solid	8260D	1038815
460-326580-15	SRI-B1-4_22-24_20250520	Total/NA	Solid	8260D	1038815
460-326580-18	SRI-A2-3_8-10_20250520	Total/NA	Solid	8260D	1038832
460-326580-19	SRI-A2-3_10-12_20250520	Total/NA	Solid	8260D	1038832
460-326580-20	SRI-A3-3_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-21	SRI-A3-3_5-7_20250520	Total/NA	Solid	8260D	1038832
460-326580-22	SRI-A3-3_13-15_20250520	Total/NA	Solid	8260D	1038832
460-326580-23	SRI-X-4_5-7_20250520	Total/NA	Solid	8260D	1038832
460-326580-27	SRI-A3-4_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-28	SRI-A3-4_6-8_20250520	Total/NA	Solid	8260D	1038832
460-326580-30	SRI-A3-2_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-31	SRI-A3-2_8-10_20250520	Total/NA	Solid	8260D	1038832
460-326580-32	SRI-A3-2_13-15_20250520	Total/NA	Solid	8260D	1038832
460-326580-33	SRI-A3-1_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-34	SRI-A3-1_8-10_20250520	Total/NA	Solid	8260D	1038832
460-326580-35	SRI-A3-1_13-15_20250520	Total/NA	Solid	8260D	1038832
460-326644-40	SRI-B2-3_8-10_20250519	Total/NA	Solid	8260D	1038781
LB3 460-1038832/1-A	Method Blank	Total/NA	Solid	8260D	1038832
MB 460-1039554/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039554/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039554/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-5	SRI-A4-3_10-12_20250521	Total/NA	Solid	8260D	1039187
LB3 460-1039184/1-A	Method Blank	Total/NA	Solid	8260D	1039184
MB 460-1039604/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039604/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039604/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

QC Association Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

GC/MS VOA

Analysis Batch: 1039609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-36	SRI-A4-1_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-37	SRI-A4-1_7-9_20250520	Total/NA	Solid	8260D	1038832
460-326580-38	SRI-A4-2_3-5_20250520	Total/NA	Solid	8260D	1038832
460-326580-39	SRI-A4-2_6-8_20250520	Total/NA	Solid	8260D	1038832
460-326694-9	SRI-B3-4_3-5_20250521	Total/NA	Solid	8260D	1039236
460-326694-10	SRI-B3-4_6-8_20250521	Total/NA	Solid	8260D	1039236
460-326694-12	SRI-B3-4_16-18_20250521	Total/NA	Solid	8260D	1039236
LB3 460-1039187/1-A	Method Blank	Total/NA	Solid	8260D	1039187
LB3 460-1039236/1-A	Method Blank	Total/NA	Solid	8260D	1039236
MB 460-1039609/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039609/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039609/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-27	SRI-B1-4_17-19_20250519	Total/NA	Solid	8260D	1038762
460-326644-39	SRI-B2-3_13-15_20250519	Total/NA	Solid	8260D	1038779
460-326694-11	SRI-B3-4_13-15_20250521	Total/NA	Solid	8260D	1039234
MB 460-1039663/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039663/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039663/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-13	SRI-B3-2B_8-10_20250521	Total/NA	Solid	8260D	1039236
460-326694-14	SRI-B3-2B_12-14_20250521	Total/NA	Solid	8260D	1039236
460-326694-24	SRI-B4-1A_3-5_20250521	Total/NA	Solid	8260D	1039271
460-326694-25	SRI-B4-1A_8-10_20250521	Total/NA	Solid	8260D	1039271
460-326694-26	SRI-B4-1A_13-15_20250521	Total/NA	Solid	8260D	1039271
460-326694-27	SRI-B3-2C_3-5_20250521	Total/NA	Solid	8260D	1039271
460-326694-28	SRI-B3-3B_3-5_20250521	Total/NA	Solid	8260D	1039271
LB3 460-1039271/1-A	Method Blank	Total/NA	Solid	8260D	1039271
MB 460-1039694/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039694/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039694/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-7	SRI-FB-5_20250521	Total/NA	Water	8260D	
460-326694-8	SRI-FB-6_20250521	Total/NA	Water	8260D	
460-326694-22	SRI-TB-5_20250521	Total/NA	Water	8260D	
460-326694-23	SRI-TB-6_20250521	Total/NA	Water	8260D	
MB 460-1039794/7	Method Blank	Total/NA	Water	8260D	
LCS 460-1039794/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1039794/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1039833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-41	SRI-B2-3_17-19_20250519	Total/NA	Solid	8260D	1038779
460-326756-24	SRI-B4-3_13-15_20250522	Total/NA	Solid	8260D	1039392
460-326756-25	SRI-B4-3_15-17_20250522	Total/NA	Solid	8260D	1039392

GC/MS VOA (Continued)

Analysis Batch: 1039833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1039833/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039833/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039833/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1039921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-3	SRI-B4-4_13-15_20250522	Total/NA	Solid	8260D	1039365
MB 460-1039921/13	Method Blank	Total/NA	Solid	8260D	
LCS 460-1039921/7	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1039921/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1040206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-6	SRI-X-5_3-5_20250521	Total/NA	Solid	8260D	1039184
MB 460-1040206/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040206/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040206/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1040395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-16	SRI-B2-3_22-24_20250520	Total/NA	Solid	8260D	1038815
MB 460-1040395/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040395/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040395/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1040662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-1	SRI-B4-4_3-5_20250522	Total/NA	Solid	8260D	1039374
460-326756-2	SRI-B4-4_8-10_20250522	Total/NA	Solid	8260D	1039374
MB 460-1040662/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040662/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040662/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1040663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-17	SRI-A2-3_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326694-2	SRI-A4-4_6-8_20250521	Total/NA	Solid	8260D	1039184
460-326694-3	SRI-A4-3_3-5_20250521	Total/NA	Solid	8260D	1039184
460-326694-16	SRI-B3-3_8-10_20250521	Total/NA	Solid	8260D	1039242
460-326694-17	SRI-B3-3_13-15_20250521	Total/NA	Solid	8260D	1039242
460-326694-18	SRI-B3-3_18-20_20250521	Total/NA	Solid	8260D	1039242
460-326694-19	SRI-X-6_3-5_20250521	Total/NA	Solid	8260D	1039264
460-326694-20	SRI-B3-1_3-5_20250521	Total/NA	Solid	8260D	1039264
MB 460-1040663/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040663/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040663/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326580-17 MS	SRI-A2-3_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-17 MSD	SRI-A2-3_3-5_20250520	Total/NA	Solid	8260D	1038815
460-326580-22 MS	SRI-A3-3_13-15_20250520	Total/NA	Solid	8260D	1038848
460-326580-22 MSD	SRI-A3-3_13-15_20250520	Total/NA	Solid	8260D	1038848
460-326694-4 MS	SRI-A4-3_8-10_20250521	Total/NA	Solid	8260D	1039184

GC/MS VOA (Continued)

Analysis Batch: 1040663 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-4 MSD	SRI-A4-3_8-10_20250521	Total/NA	Solid	8260D	1039184

Analysis Batch: 1040671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-11	SRI-TB-7_20250522	Total/NA	Water	8260D	
460-326756-12	SRI-FB-7_20250522	Total/NA	Water	8260D	
MB 460-1040671/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1040671/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1040671/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1040792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-4	SRI-B4-1B_3-5_20250522	Total/NA	Solid	8260D	1039374
460-326756-5	SRI-B4-1B_8-10_20250522	Total/NA	Solid	8260D	1039374
460-326756-6	SRI-B4-1B_10-12_20250522	Total/NA	Solid	8260D	1039374
460-326756-7	SRI-B4-1B_15-17_20250522	Total/NA	Solid	8260D	1039374
460-326756-8	SRI-B4-2A_3-5_20250522	Total/NA	Solid	8260D	1039393
460-326756-9	SRI-B4-2A_8-10_20250522	Total/NA	Solid	8260D	1039393
460-326756-10	SRI-B4-2A_11-13_20250522	Total/NA	Solid	8260D	1039393
460-326756-14	SRI-X-7_3-5_20250522	Total/NA	Solid	8260D	1039414
460-326756-15	SRI-A1-3B_3-5_20250522	Total/NA	Solid	8260D	1039414
460-326756-16	SRI-A1-3B_7-9_20250522	Total/NA	Solid	8260D	1039414
460-326756-17	SRI-B4-4_15-17_20250522	Total/NA	Solid	8260D	1039374
460-326756-18	SRI-A1-1B_3-5_20250522	Total/NA	Solid	8260D	1039414
460-326756-19	SRI-A1-1B_5-7_20250522	Total/NA	Solid	8260D	1039414
460-326756-21	SRI-A1-4B_3-5_20250522	Total/NA	Solid	8260D	1039414
460-326756-22	SRI-B4-3_3-5_20250522	Total/NA	Solid	8260D	1039393
460-326756-23	SRI-B4-3_8-10_20250522	Total/NA	Solid	8260D	1039393
LB3 460-1039374/1-A	Method Blank	Total/NA	Solid	8260D	1039374
LB3 460-1039393/1-A	Method Blank	Total/NA	Solid	8260D	1039393
MB 460-1040792/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040792/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040792/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326756-18 MS	SRI-A1-1B_3-5_20250522	Total/NA	Solid	8260D	1039414

Analysis Batch: 1040795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040795/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040795/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040795/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326694-15 MS	SRI-B3-2A_16-18_20250521	Total/NA	Solid	8260D	1039242
460-326694-15 MSD	SRI-B3-2A_16-18_20250521	Total/NA	Solid	8260D	1039242

Analysis Batch: 1040884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-13	SRI-A1-2_13-15_20250519	Total/NA	Solid	8260D	1038753
MB 460-1040884/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040884/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040884/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS VOA

Analysis Batch: 1040885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326694-1	SRI-A4-4_3_5_20250521	Total/NA	Solid	8260D	1039184
460-326694-4	SRI-A4-3_8-10_20250521	Total/NA	Solid	8260D	1039184
460-326694-15	SRI-B3-2A_16-18_20250521	Total/NA	Solid	8260D	1039242
460-326694-21	SRI-B3-1_5-7_20250521	Total/NA	Solid	8260D	1039264
MB 460-1040885/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1040885/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1040885/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-29	SRI-A3-4_13-15_20250520	Total/NA	Solid	8260D	1038848
MB 460-1041006/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041006/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041006/26	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-35	SRI-B2-1_18-20_20250519	Total/NA	Solid	8260D	1038781
460-326756-20	SRI-A1-1B_13-15_20250522	Total/NA	Solid	8260D	1039414
MB 460-1041007/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041007/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041007/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-13	SRI-B4-2B_18-20_20250522	Total/NA	Solid	8260D	1039412
MB 460-1041146/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041146/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041146/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1041319/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041319/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041319/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
460-326756-18 MSD	SRI-A1-1B_3-5_20250522	Total/NA	Solid	8260D	1039414

General Chemistry

Analysis Batch: 1038774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-1	SRI-A2-4_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-2	SRI-A2-4_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-3	SRI-A2-4_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-5	SRI-B2-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-6	SRI-B2-2_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-7	SRI-B2-2_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-8	SRI-A2-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-9	SRI-A2-2_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-10	SRI-A2-2_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-11	SRI-A2-1_3-5_20250520	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1038774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-12	SRI-A2-1_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-13	SRI-A1-1_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-14	SRI-X-3_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-15	SRI-B1-4_22-24_20250520	Total/NA	Solid	Moisture	
460-326580-16	SRI-B2-3_22-24_20250520	Total/NA	Solid	Moisture	
460-326580-17	SRI-A2-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-18	SRI-A2-3_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-19	SRI-A2-3_10-12_20250520	Total/NA	Solid	Moisture	
460-326580-20	SRI-A3-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-21	SRI-A3-3_5-7_20250520	Total/NA	Solid	Moisture	
460-326580-22	SRI-A3-3_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-23	SRI-X-4_5-7_20250520	Total/NA	Solid	Moisture	
460-326580-27	SRI-A3-4_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-28	SRI-A3-4_6-8_20250520	Total/NA	Solid	Moisture	
460-326580-29	SRI-A3-4_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-30	SRI-A3-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-31	SRI-A3-2_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-32	SRI-A3-2_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-33	SRI-A3-1_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-34	SRI-A3-1_8-10_20250520	Total/NA	Solid	Moisture	
460-326580-35	SRI-A3-1_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-36	SRI-A4-1_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-38	SRI-A4-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-17 MS	SRI-A2-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-17 MSD	SRI-A2-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326580-22 MS	SRI-A3-3_13-15_20250520	Total/NA	Solid	Moisture	
460-326580-22 MSD	SRI-A3-3_13-15_20250520	Total/NA	Solid	Moisture	
460-326548-D-13 DU	Duplicate	Total/NA	Solid	Moisture	
460-326550-D-5 DU	Duplicate	Total/NA	Solid	Moisture	
460-326556-A-3 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1038918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326580-37	SRI-A4-1_7-9_20250520	Total/NA	Solid	Moisture	
460-326580-39	SRI-A4-2_6-8_20250520	Total/NA	Solid	Moisture	
460-326552-D-21 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1039170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-11	SRI-A1-2_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-12	SRI-A1-2_8-10_20250519	Total/NA	Solid	Moisture	
460-326644-13	SRI-A1-2_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-14	SRI-X-1_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-15	SRI-B1-2_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-16	SRI-B1-2_5-7_20250519	Total/NA	Solid	Moisture	
460-326644-17	SRI-B1-2_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-18	SRI-B1-2_18-20_20250519	Total/NA	Solid	Moisture	
460-326644-19	SRI-X-2_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-20	SRI-B1-1_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-21	SRI-B1-3_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-22	SRI-B1-3_5-7_20250519	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1039170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326644-23	SRI-B1-3_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-24	SRI-B1-4_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-25	SRI-B1-4_5-7_20250519	Total/NA	Solid	Moisture	
460-326644-26	SRI-B1-4_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-27	SRI-B1-4_17-19_20250519	Total/NA	Solid	Moisture	
460-326644-33	SRI-B2-1_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-34	SRI-B1-4_18-20_20250519	Total/NA	Solid	Moisture	
460-326644-35	SRI-B2-1_18-20_20250519	Total/NA	Solid	Moisture	
460-326644-36	SRI-B2-1_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-37	SRI-B2-1_8-10_20250519	Total/NA	Solid	Moisture	
460-326644-38	SRI-B2-3_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-39	SRI-B2-3_13-15_20250519	Total/NA	Solid	Moisture	
460-326644-40	SRI-B2-3_8-10_20250519	Total/NA	Solid	Moisture	
460-326644-41	SRI-B2-3_17-19_20250519	Total/NA	Solid	Moisture	
460-326644-42	SRI-B2-4_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-43	SRI-B2-4_7-9_20250519	Total/NA	Solid	Moisture	
460-326644-44	SRI-B2-4_13-15_20250519	Total/NA	Solid	Moisture	
460-326694-1	SRI-A4-4_3_5_20250521	Total/NA	Solid	Moisture	
460-326694-2	SRI-A4-4_6-8_20250521	Total/NA	Solid	Moisture	
460-326694-3	SRI-A4-3_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-4	SRI-A4-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-5	SRI-A4-3_10-12_20250521	Total/NA	Solid	Moisture	
460-326694-6	SRI-X-5_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-9	SRI-B3-4_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-10	SRI-B3-4_6-8_20250521	Total/NA	Solid	Moisture	
460-326694-11	SRI-B3-4_13-15_20250521	Total/NA	Solid	Moisture	
460-326694-12	SRI-B3-4_16-18_20250521	Total/NA	Solid	Moisture	
460-326694-13	SRI-B3-2B_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-14	SRI-B3-2B_12-14_20250521	Total/NA	Solid	Moisture	
460-326694-15	SRI-B3-2A_16-18_20250521	Total/NA	Solid	Moisture	
460-326694-16	SRI-B3-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-17	SRI-B3-3_13-15_20250521	Total/NA	Solid	Moisture	
460-326694-18	SRI-B3-3_18-20_20250521	Total/NA	Solid	Moisture	
460-326694-19	SRI-X-6_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-20	SRI-B3-1_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-21	SRI-B3-1_5-7_20250521	Total/NA	Solid	Moisture	
460-326694-24	SRI-B4-1A_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-25	SRI-B4-1A_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-26	SRI-B4-1A_13-15_20250521	Total/NA	Solid	Moisture	
460-326694-27	SRI-B3-2C_3-5_20250521	Total/NA	Solid	Moisture	
460-326694-28	SRI-B3-3B_3-5_20250521	Total/NA	Solid	Moisture	
460-326644-20 MS	SRI-B1-1_3-5_20250519	Total/NA	Solid	Moisture	
460-326644-20 MSD	SRI-B1-1_3-5_20250519	Total/NA	Solid	Moisture	
460-326694-4 MS	SRI-A4-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-4 MSD	SRI-A4-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326694-15 MS	SRI-B3-2A_16-18_20250521	Total/NA	Solid	Moisture	
460-326694-15 MSD	SRI-B3-2A_16-18_20250521	Total/NA	Solid	Moisture	
460-326659-D-2 DU	Duplicate	Total/NA	Solid	Moisture	
460-326659-D-4 DU	Duplicate	Total/NA	Solid	Moisture	
460-326659-D-9 DU	Duplicate	Total/NA	Solid	Moisture	
460-326659-D-19 DU	Duplicate	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1039170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326659-E-9 DU	Duplicate	Total/NA	Solid	Moisture	
460-326679-B-2 DU	Duplicate	Total/NA	Solid	Moisture	
460-326686-B-1 DU	Duplicate	Total/NA	Solid	Moisture	
460-326693-L-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1039517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326756-1	SRI-B4-4_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-2	SRI-B4-4_8-10_20250522	Total/NA	Solid	Moisture	
460-326756-3	SRI-B4-4_13-15_20250522	Total/NA	Solid	Moisture	
460-326756-4	SRI-B4-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-5	SRI-B4-1B_8-10_20250522	Total/NA	Solid	Moisture	
460-326756-6	SRI-B4-1B_10-12_20250522	Total/NA	Solid	Moisture	
460-326756-7	SRI-B4-1B_15-17_20250522	Total/NA	Solid	Moisture	
460-326756-8	SRI-B4-2A_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-9	SRI-B4-2A_8-10_20250522	Total/NA	Solid	Moisture	
460-326756-10	SRI-B4-2A_11-13_20250522	Total/NA	Solid	Moisture	
460-326756-13	SRI-B4-2B_18-20_20250522	Total/NA	Solid	Moisture	
460-326756-14	SRI-X-7_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-15	SRI-A1-3B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-16	SRI-A1-3B_7-9_20250522	Total/NA	Solid	Moisture	
460-326756-17	SRI-B4-4_15-17_20250522	Total/NA	Solid	Moisture	
460-326756-18	SRI-A1-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-19	SRI-A1-1B_5-7_20250522	Total/NA	Solid	Moisture	
460-326756-20	SRI-A1-1B_13-15_20250522	Total/NA	Solid	Moisture	
460-326756-21	SRI-A1-4B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-22	SRI-B4-3_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-23	SRI-B4-3_8-10_20250522	Total/NA	Solid	Moisture	
460-326756-24	SRI-B4-3_13-15_20250522	Total/NA	Solid	Moisture	
460-326756-25	SRI-B4-3_15-17_20250522	Total/NA	Solid	Moisture	
460-326756-18 MS	SRI-A1-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326756-18 MSD	SRI-A1-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326748-A-1 DU	Duplicate	Total/NA	Solid	Moisture	
460-326765-A-6 DU	Duplicate	Total/NA	Solid	Moisture	
460-326770-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A2-4_3-5_20250520
Lab Sample ID: 460-326580-1
Date Collected: 05/20/25 08:00
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-4_3-5_20250520
Lab Sample ID: 460-326580-1
Date Collected: 05/20/25 08:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:31
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 14:57

Client Sample ID: SRI-A2-4_8-10_20250520
Lab Sample ID: 460-326580-2
Date Collected: 05/20/25 08:05
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-4_8-10_20250520
Lab Sample ID: 460-326580-2
Date Collected: 05/20/25 08:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:32
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 15:20

Client Sample ID: SRI-A2-4_13-15_20250520
Lab Sample ID: 460-326580-3
Date Collected: 05/20/25 08:10
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-4_13-15_20250520
Lab Sample ID: 460-326580-3
Date Collected: 05/20/25 08:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:32
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 15:44

Client Sample ID: SRI-FB-3_20250520
Lab Sample ID: 460-326580-4
Date Collected: 05/20/25 07:30
Matrix: Water
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039512	KLB	EET EDI	05/25/25 18:52

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5
Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B2-2_3-5_20250520
Lab Sample ID: 460-326580-5
Date Collected: 05/20/25 08:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:33
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 16:08

Client Sample ID: SRI-B2-2_8-10_20250520
Lab Sample ID: 460-326580-6
Date Collected: 05/20/25 08:35
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B2-2_8-10_20250520
Lab Sample ID: 460-326580-6
Date Collected: 05/20/25 08:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:33
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 16:31

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7
Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B2-2_13-15_20250520
Lab Sample ID: 460-326580-7
Date Collected: 05/20/25 08:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:34
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 20:55

Client Sample ID: SRI-A2-2_3-5_20250520
Lab Sample ID: 460-326580-8
Date Collected: 05/20/25 09:30
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-2_3-5_20250520
Lab Sample ID: 460-326580-8
Date Collected: 05/20/25 09:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:35
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 14:31

Client Sample ID: SRI-A2-2_8-10_20250520
Lab Sample ID: 460-326580-9
Date Collected: 05/20/25 09:35
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-2_8-10_20250520
Lab Sample ID: 460-326580-9
Date Collected: 05/20/25 09:35
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:35
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 14:56

Client Sample ID: SRI-A2-2_13-15_20250520
Lab Sample ID: 460-326580-10
Date Collected: 05/20/25 09:40
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-2_13-15_20250520
Lab Sample ID: 460-326580-10
Date Collected: 05/20/25 09:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:36
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 15:21

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11
Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-1_3-5_20250520
Lab Sample ID: 460-326580-11
Date Collected: 05/20/25 09:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:36
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 15:46

Client Sample ID: SRI-A2-1_8-10_20250520
Lab Sample ID: 460-326580-12
Date Collected: 05/20/25 09:55
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-1_8-10_20250520
Lab Sample ID: 460-326580-12
Date Collected: 05/20/25 09:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:37
Total/NA	Analysis	8260D		1	1039469	AAT	EET EDI	05/25/25 16:11

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13
Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A1-1_13-15_20250520
Lab Sample ID: 460-326580-13
Date Collected: 05/20/25 10:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:37
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 21:18

Client Sample ID: SRI-X-3_13-15_20250520
Lab Sample ID: 460-326580-14
Date Collected: 05/20/25 10:05
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-X-3_13-15_20250520
Lab Sample ID: 460-326580-14
Date Collected: 05/20/25 10:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:38
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 21:42

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B1-4_22-24_20250520
Lab Sample ID: 460-326580-15
Date Collected: 05/20/25 10:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:39
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 22:05

Client Sample ID: SRI-B2-3_22-24_20250520
Lab Sample ID: 460-326580-16
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-B2-3_22-24_20250520
Lab Sample ID: 460-326580-16
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:39
Total/NA	Analysis	8260D		1	1040395	AAT	EET EDI	05/30/25 15:52

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17
Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A2-3_3-5_20250520
Lab Sample ID: 460-326580-17
Date Collected: 05/20/25 11:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038815	EMM	EET EDI	05/21/25 17:40
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 09:50

Client Sample ID: SRI-A2-3_8-10_20250520
Lab Sample ID: 460-326580-18
Date Collected: 05/20/25 11:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-3_8-10_20250520
Lab Sample ID: 460-326580-18
Date Collected: 05/20/25 11:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:34
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 22:29

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19
Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A2-3_10-12_20250520
Lab Sample ID: 460-326580-19
Date Collected: 05/20/25 11:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:34
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 22:53

Client Sample ID: SRI-A3-3_3-5_20250520
Lab Sample ID: 460-326580-20
Date Collected: 05/20/25 12:40
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-3_3-5_20250520
Lab Sample ID: 460-326580-20
Date Collected: 05/20/25 12:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:33
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 23:16

Client Sample ID: SRI-A3-3_5-7_20250520
Lab Sample ID: 460-326580-21
Date Collected: 05/20/25 12:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-3_5-7_20250520
Lab Sample ID: 460-326580-21
Date Collected: 05/20/25 12:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:35
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 23:40

Client Sample ID: SRI-A3-3_13-15_20250520
Lab Sample ID: 460-326580-22
Date Collected: 05/20/25 12:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-3_13-15_20250520
Lab Sample ID: 460-326580-22
Date Collected: 05/20/25 12:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:35
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 00:04

Client Sample ID: SRI-X-4_5-7_20250520
Lab Sample ID: 460-326580-23
Date Collected: 05/20/25 12:55
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-X-4_5-7_20250520
Lab Sample ID: 460-326580-23
Date Collected: 05/20/25 12:55
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:36
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 00:27

Client Sample ID: SRI-FB-4_20250520
Lab Sample ID: 460-326580-24
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039512	KLB	EET EDI	05/25/25 19:12

Client Sample ID: SRI-TB-3_20250520
Lab Sample ID: 460-326580-25
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039512	KLB	EET EDI	05/25/25 19:32

Client Sample ID: SRI-TB-4_20250520
Lab Sample ID: 460-326580-26
Date Collected: 05/20/25 13:00
Matrix: Water
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039512	KLB	EET EDI	05/25/25 19:52

Client Sample ID: SRI-A3-4_3-5_20250520
Lab Sample ID: 460-326580-27
Date Collected: 05/20/25 13:20
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-4_3-5_20250520
Lab Sample ID: 460-326580-27
Date Collected: 05/20/25 13:20
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:36
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 00:51

Client Sample ID: SRI-A3-4_6-8_20250520
Lab Sample ID: 460-326580-28
Date Collected: 05/20/25 13:25
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-4_6-8_20250520
Lab Sample ID: 460-326580-28
Date Collected: 05/20/25 13:25
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:37
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 01:15

Client Sample ID: SRI-A3-4_13-15_20250520
Lab Sample ID: 460-326580-29
Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-4_13-15_20250520
Lab Sample ID: 460-326580-29
Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038848	EMM	EET EDI	05/21/25 19:13
Total/NA	Analysis	8260D		1	1041006	VBP	EET EDI	06/02/25 19:58

Client Sample ID: SRI-A3-2_3-5_20250520
Lab Sample ID: 460-326580-30
Date Collected: 05/20/25 13:40
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-2_3-5_20250520
Lab Sample ID: 460-326580-30
Date Collected: 05/20/25 13:40
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:38
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 02:02

Client Sample ID: SRI-A3-2_8-10_20250520
Lab Sample ID: 460-326580-31
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-2_8-10_20250520
Lab Sample ID: 460-326580-31
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:39
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 02:26

Client Sample ID: SRI-A3-2_13-15_20250520
Lab Sample ID: 460-326580-32
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-2_13-15_20250520
Lab Sample ID: 460-326580-32
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:39
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 02:49

Client Sample ID: SRI-A3-1_3-5_20250520
Lab Sample ID: 460-326580-33
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-1_3-5_20250520
Lab Sample ID: 460-326580-33
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:40
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 03:13

Client Sample ID: SRI-A3-1_8-10_20250520
Lab Sample ID: 460-326580-34
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A3-1_8-10_20250520
Lab Sample ID: 460-326580-34
Date Collected: 05/20/25 13:45
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:40
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 03:37

Client Sample ID: SRI-A3-1_13-15_20250520
Lab Sample ID: 460-326580-35
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A3-1_13-15_20250520
Lab Sample ID: 460-326580-35
Date Collected: 05/20/25 13:50
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:41
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/26/25 04:00

Client Sample ID: SRI-A4-1_3-5_20250520
Lab Sample ID: 460-326580-36
Date Collected: 05/20/25 15:00
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A4-1_3-5_20250520
Lab Sample ID: 460-326580-36
Date Collected: 05/20/25 15:00
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:41
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/26/25 19:01

Client Sample ID: SRI-A4-1_7-9_20250520
Lab Sample ID: 460-326580-37
Date Collected: 05/20/25 15:05
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038918	DAN	EET EDI	05/22/25 06:36

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A4-1_7-9_20250520
Lab Sample ID: 460-326580-37
Date Collected: 05/20/25 15:05
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:42
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/26/25 19:25

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038774	DAN	EET EDI	05/21/25 14:06

Client Sample ID: SRI-A4-2_3-5_20250520
Lab Sample ID: 460-326580-38
Date Collected: 05/20/25 15:10
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:42
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/26/25 19:49

Client Sample ID: SRI-A4-2_6-8_20250520
Lab Sample ID: 460-326580-39
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/21/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1038918	DAN	EET EDI	05/22/25 06:36

Client Sample ID: SRI-A4-2_6-8_20250520
Lab Sample ID: 460-326580-39
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/21/25 11:10
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038832	EMM	EET EDI	05/21/25 18:43
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/26/25 20:12

Client Sample ID: SRI-A1-2_3-5_20250519
Lab Sample ID: 460-326644-11
Date Collected: 05/19/25 11:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-2_3-5_20250519
Lab Sample ID: 460-326644-11
Date Collected: 05/19/25 11:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:12
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 00:40

Client Sample ID: SRI-A1-2_8-10_20250519
Lab Sample ID: 460-326644-12
Date Collected: 05/19/25 11:20
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A1-2_8-10_20250519
Lab Sample ID: 460-326644-12
Date Collected: 05/19/25 11:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:14
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 01:03

Client Sample ID: SRI-A1-2_13-15_20250519
Lab Sample ID: 460-326644-13
Date Collected: 05/19/25 11:25
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A1-2_13-15_20250519
Lab Sample ID: 460-326644-13
Date Collected: 05/19/25 11:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:15
Total/NA	Analysis	8260D		1	1040884	AAT	EET EDI	06/02/25 15:53

Client Sample ID: SRI-X-1_13-15_20250519
Lab Sample ID: 460-326644-14
Date Collected: 05/19/25 12:45
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-X-1_13-15_20250519
Lab Sample ID: 460-326644-14
Date Collected: 05/19/25 12:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:17
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 01:27

Client Sample ID: SRI-B1-2_3-5_20250519
Lab Sample ID: 460-326644-15
Date Collected: 05/19/25 12:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-2_3-5_20250519
Lab Sample ID: 460-326644-15
Date Collected: 05/19/25 12:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038753	JCZ	EET EDI	05/21/25 11:18
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 01:51

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16
Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-2_5-7_20250519
Lab Sample ID: 460-326644-16
Date Collected: 05/19/25 12:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:01
Total/NA	Analysis	8260D		1	1039310	AAT	EET EDI	05/24/25 02:14

Client Sample ID: SRI-B1-2_13-15_20250519
Lab Sample ID: 460-326644-17
Date Collected: 05/19/25 12:30
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-2_13-15_20250519
Lab Sample ID: 460-326644-17
Date Collected: 05/19/25 12:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:02
Total/NA	Analysis	8260D		1	1039355	AAT	EET EDI	05/24/25 08:56

Client Sample ID: SRI-B1-2_18-20_20250519
Lab Sample ID: 460-326644-18
Date Collected: 05/19/25 12:35
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-2_18-20_20250519
Lab Sample ID: 460-326644-18
Date Collected: 05/19/25 12:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:04
Total/NA	Analysis	8260D		1	1039355	AAT	EET EDI	05/24/25 09:20

Client Sample ID: SRI-X-2_3-5_20250519
Lab Sample ID: 460-326644-19
Date Collected: 05/19/25 13:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-X-2_3-5_20250519
Lab Sample ID: 460-326644-19
Date Collected: 05/19/25 13:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:05
Total/NA	Analysis	8260D		1	1039355	AAT	EET EDI	05/24/25 09:43

Client Sample ID: SRI-B1-1_3-5_20250519
Lab Sample ID: 460-326644-20
Date Collected: 05/19/25 13:00
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-1_3-5_20250519
Lab Sample ID: 460-326644-20
Date Collected: 05/19/25 13:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:06
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 08:39

Client Sample ID: SRI-B1-3_3-5_20250519
Lab Sample ID: 460-326644-21
Date Collected: 05/19/25 13:45
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-3_3-5_20250519
Lab Sample ID: 460-326644-21
Date Collected: 05/19/25 13:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:10
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 09:02

Client Sample ID: SRI-B1-3_5-7_20250519
Lab Sample ID: 460-326644-22
Date Collected: 05/19/25 13:55
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-3_5-7_20250519
Lab Sample ID: 460-326644-22
Date Collected: 05/19/25 13:55
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:12
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 09:26

Client Sample ID: SRI-B1-3_13-15_20250519
Lab Sample ID: 460-326644-23
Date Collected: 05/19/25 14:00
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-3_13-15_20250519
Lab Sample ID: 460-326644-23
Date Collected: 05/19/25 14:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:13
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 09:49

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-4_3-5_20250519
Lab Sample ID: 460-326644-24
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:14
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 10:13

Client Sample ID: SRI-B1-4_5-7_20250519
Lab Sample ID: 460-326644-25
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-4_5-7_20250519
Lab Sample ID: 460-326644-25
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:16
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 10:37

Client Sample ID: SRI-B1-4_13-15_20250519
Lab Sample ID: 460-326644-26
Date Collected: 05/19/25 14:25
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-4_13-15_20250519
Lab Sample ID: 460-326644-26
Date Collected: 05/19/25 14:25
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038766	JCZ	EET EDI	05/21/25 12:17
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 11:00

Client Sample ID: SRI-B1-4_17-19_20250519
Lab Sample ID: 460-326644-27
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B1-4_17-19_20250519
Lab Sample ID: 460-326644-27
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038762	JCZ	EET EDI	05/21/25 12:29
Total/NA	Analysis	8260D		50	1039663	VZD	EET EDI	05/27/25 18:44

Client Sample ID: SRI-B2-1_3-5_20250519
Lab Sample ID: 460-326644-33
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-1_3-5_20250519
Lab Sample ID: 460-326644-33
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:37
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 11:24

Client Sample ID: SRI-B1-4_18-20_20250519
Lab Sample ID: 460-326644-34
Date Collected: 05/19/25 14:35
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B1-4_18-20_20250519
Lab Sample ID: 460-326644-34
Date Collected: 05/19/25 14:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:36
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 11:48

Client Sample ID: SRI-B2-1_18-20_20250519
Lab Sample ID: 460-326644-35
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-1_18-20_20250519
Lab Sample ID: 460-326644-35
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:45
Total/NA	Analysis	8260D		1	1041007	VBP	EET EDI	06/02/25 21:46

Client Sample ID: SRI-B2-1_13-15_20250519
Lab Sample ID: 460-326644-36
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-1_13-15_20250519
Lab Sample ID: 460-326644-36
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:39
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 12:11

Client Sample ID: SRI-B2-1_8-10_20250519
Lab Sample ID: 460-326644-37
Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-1_8-10_20250519
Lab Sample ID: 460-326644-37
Date Collected: 05/19/25 14:50
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:38
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 12:35

Client Sample ID: SRI-B2-3_3-5_20250519
Lab Sample ID: 460-326644-38
Date Collected: 05/19/25 15:05
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-3_3-5_20250519
Lab Sample ID: 460-326644-38
Date Collected: 05/19/25 15:05
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:41
Total/NA	Analysis	8260D		1	1039470	AAT	EET EDI	05/25/25 12:58

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39
Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-3_13-15_20250519
Lab Sample ID: 460-326644-39
Date Collected: 05/19/25 15:10
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038779	JCZ	EET EDI	05/21/25 12:05
Total/NA	Analysis	8260D		50	1039663	VZD	EET EDI	05/27/25 19:07

Client Sample ID: SRI-B2-3_8-10_20250519
Lab Sample ID: 460-326644-40
Date Collected: 05/19/25 15:15
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-3_8-10_20250519
Lab Sample ID: 460-326644-40
Date Collected: 05/19/25 15:15
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:41
Total/NA	Analysis	8260D		1	1039554	VBP	EET EDI	05/25/25 20:31

Client Sample ID: SRI-B2-3_17-19_20250519
Lab Sample ID: 460-326644-41
Date Collected: 05/19/25 15:20
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-3_17-19_20250519
Lab Sample ID: 460-326644-41
Date Collected: 05/19/25 15:20
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038779	JCZ	EET EDI	05/21/25 12:09
Total/NA	Analysis	8260D		50	1039833	MZS	EET EDI	05/28/25 03:06

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42
Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-4_3-5_20250519
Lab Sample ID: 460-326644-42
Date Collected: 05/19/25 15:30
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:43
Total/NA	Analysis	8260D		1	1039309	AAT	EET EDI	05/24/25 02:33

Client Sample ID: SRI-B2-4_7-9_20250519
Lab Sample ID: 460-326644-43
Date Collected: 05/19/25 15:35
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B2-4_7-9_20250519
Lab Sample ID: 460-326644-43
Date Collected: 05/19/25 15:35
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:46
Total/NA	Analysis	8260D		1	1039309	AAT	EET EDI	05/24/25 02:58

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44
Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B2-4_13-15_20250519
Lab Sample ID: 460-326644-44
Date Collected: 05/19/25 15:40
Matrix: Solid
Date Received: 05/20/25 23:59
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1038781	JCZ	EET EDI	05/21/25 12:44
Total/NA	Analysis	8260D		1	1039309	AAT	EET EDI	05/24/25 03:23

Client Sample ID: SRI-A4-4_3_5_20250521
Lab Sample ID: 460-326694-1
Date Collected: 05/21/25 08:00
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A4-4_3_5_20250521
Lab Sample ID: 460-326694-1
Date Collected: 05/21/25 08:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:20
Total/NA	Analysis	8260D		1	1040885	AAT	EET EDI	06/02/25 14:03

Client Sample ID: SRI-A4-4_6-8_20250521
Lab Sample ID: 460-326694-2
Date Collected: 05/21/25 08:10
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A4-4_6-8_20250521
Lab Sample ID: 460-326694-2
Date Collected: 05/21/25 08:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:21
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 14:34

Client Sample ID: SRI-A4-3_3-5_20250521
Lab Sample ID: 460-326694-3
Date Collected: 05/21/25 08:30
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A4-3_3-5_20250521
Lab Sample ID: 460-326694-3
Date Collected: 05/21/25 08:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:21
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 14:58

Client Sample ID: SRI-A4-3_8-10_20250521
Lab Sample ID: 460-326694-4
Date Collected: 05/21/25 08:40
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-A4-3_8-10_20250521
Lab Sample ID: 460-326694-4
Date Collected: 05/21/25 08:40
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:22
Total/NA	Analysis	8260D		1	1040885	AAT	EET EDI	06/02/25 13:40

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5
Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-A4-3_10-12_20250521
Lab Sample ID: 460-326694-5
Date Collected: 05/21/25 08:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039187	JCZ	EET EDI	05/23/25 07:52
Total/NA	Analysis	8260D		1	1039604	VBP	EET EDI	05/27/25 02:39

Client Sample ID: SRI-X-5_3-5_20250521
Lab Sample ID: 460-326694-6
Date Collected: 05/21/25 08:35
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-X-5_3-5_20250521
Lab Sample ID: 460-326694-6
Date Collected: 05/21/25 08:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039184	JCZ	EET EDI	05/23/25 07:25
Total/NA	Analysis	8260D		1	1040206	AAT	EET EDI	05/29/25 23:42

Client Sample ID: SRI-FB-5_20250521
Lab Sample ID: 460-326694-7
Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039794	VBP	EET EDI	05/27/25 20:01

Client Sample ID: SRI-FB-6_20250521
Lab Sample ID: 460-326694-8
Date Collected: 05/21/25 09:00
Matrix: Water
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039794	VBP	EET EDI	05/27/25 20:21

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9
Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-4_3-5_20250521
Lab Sample ID: 460-326694-9
Date Collected: 05/21/25 10:05
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:47
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/27/25 00:32

Client Sample ID: SRI-B3-4_6-8_20250521 — **Lab Sample ID: 460-326694-10**
Date Collected: 05/21/25 10:10 — **Matrix: Solid**
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-4_6-8_20250521 — **Lab Sample ID: 460-326694-10**
Date Collected: 05/21/25 10:10 — **Matrix: Solid**
Date Received: 05/22/25 16:00 — **Percent Solids: 90.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:47
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/27/25 00:56

Client Sample ID: SRI-B3-4_13-15_20250521 — **Lab Sample ID: 460-326694-11**
Date Collected: 05/21/25 10:15 — **Matrix: Solid**
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-4_13-15_20250521 — **Lab Sample ID: 460-326694-11**
Date Collected: 05/21/25 10:15 — **Matrix: Solid**
Date Received: 05/22/25 16:00 — **Percent Solids: 96.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039234	JCZ	EET EDI	05/23/25 09:34
Total/NA	Analysis	8260D		50	1039663	VZD	EET EDI	05/27/25 18:21

Client Sample ID: SRI-B3-4_16-18_20250521 — **Lab Sample ID: 460-326694-12**
Date Collected: 05/21/25 10:20 — **Matrix: Solid**
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-4_16-18_20250521 — **Lab Sample ID: 460-326694-12**
Date Collected: 05/21/25 10:20 — **Matrix: Solid**
Date Received: 05/22/25 16:00 — **Percent Solids: 95.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:49
Total/NA	Analysis	8260D		1	1039609	EMM	EET EDI	05/27/25 01:43

Client Sample ID: SRI-B3-2B_8-10_20250521 — **Lab Sample ID: 460-326694-13**
Date Collected: 05/21/25 10:50 — **Matrix: Solid**
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2B_8-10_20250521
Lab Sample ID: 460-326694-13
Date Collected: 05/21/25 10:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:50
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 19:02

Client Sample ID: SRI-B3-2B_12-14_20250521
Lab Sample ID: 460-326694-14
Date Collected: 05/21/25 10:55
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-2B_12-14_20250521
Lab Sample ID: 460-326694-14
Date Collected: 05/21/25 10:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039236	JCZ	EET EDI	05/23/25 09:51
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 18:38

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-2A_16-18_20250521
Lab Sample ID: 460-326694-15
Date Collected: 05/21/25 11:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039242	JCZ	EET EDI	05/23/25 10:10
Total/NA	Analysis	8260D		1	1040885	AAT	EET EDI	06/02/25 13:16

Client Sample ID: SRI-B3-3_8-10_20250521
Lab Sample ID: 460-326694-16
Date Collected: 05/21/25 11:30
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-3_8-10_20250521
Lab Sample ID: 460-326694-16
Date Collected: 05/21/25 11:30
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039242	JCZ	EET EDI	05/23/25 10:12
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 15:21

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17
Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-3_13-15_20250521
Lab Sample ID: 460-326694-17
Date Collected: 05/21/25 11:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039242	JCZ	EET EDI	05/23/25 10:14
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 15:45

Client Sample ID: SRI-B3-3_18-20_20250521
Lab Sample ID: 460-326694-18
Date Collected: 05/21/25 11:35
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-3_18-20_20250521
Lab Sample ID: 460-326694-18
Date Collected: 05/21/25 11:35
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 97.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039242	JCZ	EET EDI	05/23/25 10:13
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 16:56

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-X-6_3-5_20250521
Lab Sample ID: 460-326694-19
Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039264	JCZ	EET EDI	05/23/25 11:46
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 17:20

Client Sample ID: SRI-B3-1_3-5_20250521
Lab Sample ID: 460-326694-20
Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-1_3-5_20250521
Lab Sample ID: 460-326694-20
Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039264	JCZ	EET EDI	05/23/25 11:48
Total/NA	Analysis	8260D		1	1040663	AAT	EET EDI	05/31/25 17:43

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21
Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-1_5-7_20250521
Lab Sample ID: 460-326694-21
Date Collected: 05/21/25 12:20
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039264	JCZ	EET EDI	05/23/25 11:49
Total/NA	Analysis	8260D		1	1040885	AAT	EET EDI	06/02/25 12:52

Client Sample ID: SRI-TB-5_20250521
Lab Sample ID: 460-326694-22
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039794	VBP	EET EDI	05/27/25 20:40

Client Sample ID: SRI-TB-6_20250521
Lab Sample ID: 460-326694-23
Date Collected: 05/21/25 13:00
Matrix: Water
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1039794	VBP	EET EDI	05/27/25 21:00

Client Sample ID: SRI-B4-1A_3-5_20250521
Lab Sample ID: 460-326694-24
Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B4-1A_3-5_20250521
Lab Sample ID: 460-326694-24
Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:42
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 19:25

Client Sample ID: SRI-B4-1A_8-10_20250521
Lab Sample ID: 460-326694-25
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B4-1A_8-10_20250521
Lab Sample ID: 460-326694-25
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:42
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 21:00

Client Sample ID: SRI-B4-1A_13-15_20250521
Lab Sample ID: 460-326694-26
Date Collected: 05/21/25 13:55
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B4-1A_13-15_20250521
Lab Sample ID: 460-326694-26
Date Collected: 05/21/25 13:55
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:43
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 20:36

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27
Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B3-2C_3-5_20250521
Lab Sample ID: 460-326694-27
Date Collected: 05/21/25 15:00
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:43
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 20:13

Client Sample ID: SRI-B3-3B_3-5_20250521
Lab Sample ID: 460-326694-28
Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039170	DAN	EET EDI	05/23/25 06:02

Client Sample ID: SRI-B3-3B_3-5_20250521
Lab Sample ID: 460-326694-28
Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 16:00
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039271	JCZ	EET EDI	05/23/25 12:44
Total/NA	Analysis	8260D		1	1039694	EMM	EET EDI	05/27/25 19:49

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1
Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-4_3-5_20250522
Lab Sample ID: 460-326756-1
Date Collected: 05/22/25 08:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:19
Total/NA	Analysis	8260D		1	1040662	AAT	EET EDI	05/31/25 15:35

Client Sample ID: SRI-B4-4_8-10_20250522
Lab Sample ID: 460-326756-2
Date Collected: 05/22/25 09:00
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-4_8-10_20250522
Lab Sample ID: 460-326756-2
Date Collected: 05/22/25 09:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:21
Total/NA	Analysis	8260D		1	1040662	AAT	EET EDI	05/31/25 16:00

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-4_13-15_20250522
Lab Sample ID: 460-326756-3
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039365	JCZ	EET EDI	05/24/25 07:12
Total/NA	Analysis	8260D		100	1039921	MZS	EET EDI	05/28/25 15:03

Client Sample ID: SRI-B4-1B_3-5_20250522
Lab Sample ID: 460-326756-4
Date Collected: 05/22/25 09:35
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-1B_3-5_20250522
Lab Sample ID: 460-326756-4
Date Collected: 05/22/25 09:35
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:22
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 07:17

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5
Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-1B_8-10_20250522
Lab Sample ID: 460-326756-5
Date Collected: 05/22/25 09:40
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:23
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 07:42

Client Sample ID: SRI-B4-1B_10-12_20250522
Lab Sample ID: 460-326756-6
Date Collected: 05/22/25 09:45
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-1B_10-12_20250522
Lab Sample ID: 460-326756-6
Date Collected: 05/22/25 09:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:23
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 08:07

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7
Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-1B_15-17_20250522
Lab Sample ID: 460-326756-7
Date Collected: 05/22/25 09:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:24
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 08:32

Client Sample ID: SRI-B4-2A_3-5_20250522
Lab Sample ID: 460-326756-8
Date Collected: 05/22/25 10:20
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Client Sample ID: SRI-B4-2A_3-5_20250522
Lab Sample ID: 460-326756-8
Date Collected: 05/22/25 10:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:23
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 08:57

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9
Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-2A_8-10_20250522
Lab Sample ID: 460-326756-9
Date Collected: 05/22/25 10:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:24
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 09:22

Client Sample ID: SRI-B4-2A_11-13_20250522
Lab Sample ID: 460-326756-10
Date Collected: 05/22/25 10:30
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-2A_11-13_20250522
Lab Sample ID: 460-326756-10
Date Collected: 05/22/25 10:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:24
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 09:47

Client Sample ID: SRI-TB-7_20250522
Lab Sample ID: 460-326756-11
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1040671	SZD	EET EDI	05/31/25 10:37

Client Sample ID: SRI-FB-7_20250522
Lab Sample ID: 460-326756-12
Date Collected: 05/22/25 15:00
Matrix: Water
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1040671	SZD	EET EDI	05/31/25 10:57

Client Sample ID: SRI-B4-2B_18-20_20250522 — **Lab Sample ID: 460-326756-13**
Date Collected: 05/22/25 14:00 — **Matrix: Solid**
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-2B_18-20_20250522 — **Lab Sample ID: 460-326756-13**
Date Collected: 05/22/25 14:00 — **Matrix: Solid**
Date Received: 05/23/25 16:00 — **Percent Solids: 98.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039412	JCZ	EET EDI	05/24/25 10:42
Total/NA	Analysis	8260D		50	1041146	MZS	EET EDI	06/03/25 12:05

Client Sample ID: SRI-X-7_3-5_20250522 — **Lab Sample ID: 460-326756-14**
Date Collected: 05/22/25 15:00 — **Matrix: Solid**
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-X-7_3-5_20250522 — **Lab Sample ID: 460-326756-14**
Date Collected: 05/22/25 15:00 — **Matrix: Solid**
Date Received: 05/23/25 16:00 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:53
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 12:41

Client Sample ID: SRI-A1-3B_3-5_20250522 — **Lab Sample ID: 460-326756-15**
Date Collected: 05/22/25 15:05 — **Matrix: Solid**
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-A1-3B_3-5_20250522 — **Lab Sample ID: 460-326756-15**
Date Collected: 05/22/25 15:05 — **Matrix: Solid**
Date Received: 05/23/25 16:00 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:54
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 13:06

Client Sample ID: SRI-A1-3B_7-9_20250522 — **Lab Sample ID: 460-326756-16**
Date Collected: 05/22/25 15:10 — **Matrix: Solid**
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-3B_7-9_20250522
Lab Sample ID: 460-326756-16
Date Collected: 05/22/25 15:10
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:55
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 13:31

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-B4-4_15-17_20250522
Lab Sample ID: 460-326756-17
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039374	JCZ	EET EDI	05/24/25 07:21
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 13:56

Client Sample ID: SRI-A1-1B_3-5_20250522
Lab Sample ID: 460-326756-18
Date Collected: 05/22/25 15:15
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-A1-1B_3-5_20250522
Lab Sample ID: 460-326756-18
Date Collected: 05/22/25 15:15
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:55
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 12:16

Client Sample ID: SRI-A1-1B_5-7_20250522
Lab Sample ID: 460-326756-19
Date Collected: 05/22/25 15:20
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-A1-1B_5-7_20250522
Lab Sample ID: 460-326756-19
Date Collected: 05/22/25 15:20
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:58
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 10:12

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20
Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 11:37

Client Sample ID: SRI-A1-1B_13-15_20250522
Lab Sample ID: 460-326756-20
Date Collected: 05/22/25 15:25
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:59
Total/NA	Analysis	8260D		1	1041007	VBP	EET EDI	06/03/25 00:16

Client Sample ID: SRI-A1-4B_3-5_20250522
Lab Sample ID: 460-326756-21
Date Collected: 05/22/25 15:30
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: SRI-A1-4B_3-5_20250522
Lab Sample ID: 460-326756-21
Date Collected: 05/22/25 15:30
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039414	JCZ	EET EDI	05/24/25 10:59
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 14:46

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22
Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-3_3-5_20250522
Lab Sample ID: 460-326756-22

Date Collected: 05/22/25 11:45
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 96.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:25
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 15:11

Client Sample ID: SRI-B4-3_8-10_20250522
Lab Sample ID: 460-326756-23

Date Collected: 05/22/25 11:50
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: SRI-B4-3_8-10_20250522
Lab Sample ID: 460-326756-23

Date Collected: 05/22/25 11:50
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039393	JCZ	EET EDI	05/24/25 08:26
Total/NA	Analysis	8260D		1	1040792	AAT	EET EDI	06/01/25 15:37

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24

Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: SRI-B4-3_13-15_20250522
Lab Sample ID: 460-326756-24

Date Collected: 05/22/25 11:55
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039392	JCZ	EET EDI	05/24/25 08:19
Total/NA	Analysis	8260D		50	1039833	MZS	EET EDI	05/28/25 03:51

Client Sample ID: SRI-B4-3_15-17_20250522
Lab Sample ID: 460-326756-25

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/23/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SRI-B4-3_15-17_20250522
Lab Sample ID: 460-326756-25
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/23/25 16:00
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039392	JCZ	EET EDI	05/24/25 08:19
Total/NA	Analysis	8260D		50	1039833	MZS	EET EDI	05/28/25 04:14

Laboratory References:

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

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

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	03-31-26

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
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	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: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326580-1	SRI-A2-4_3-5_20250520	Solid	05/20/25 08:00	05/21/25 11:10
460-326580-2	SRI-A2-4_8-10_20250520	Solid	05/20/25 08:05	05/21/25 11:10
460-326580-3	SRI-A2-4_13-15_20250520	Solid	05/20/25 08:10	05/21/25 11:10
460-326580-4	SRI-FB-3_20250520	Water	05/20/25 07:30	05/21/25 11:10
460-326580-5	SRI-B2-2_3-5_20250520	Solid	05/20/25 08:30	05/21/25 11:10
460-326580-6	SRI-B2-2_8-10_20250520	Solid	05/20/25 08:35	05/21/25 11:10
460-326580-7	SRI-B2-2_13-15_20250520	Solid	05/20/25 08:40	05/21/25 11:10
460-326580-8	SRI-A2-2_3-5_20250520	Solid	05/20/25 09:30	05/21/25 11:10
460-326580-9	SRI-A2-2_8-10_20250520	Solid	05/20/25 09:35	05/21/25 11:10
460-326580-10	SRI-A2-2_13-15_20250520	Solid	05/20/25 09:40	05/21/25 11:10
460-326580-11	SRI-A2-1_3-5_20250520	Solid	05/20/25 09:50	05/21/25 11:10
460-326580-12	SRI-A2-1_8-10_20250520	Solid	05/20/25 09:55	05/21/25 11:10
460-326580-13	SRI-A1-1_13-15_20250520	Solid	05/20/25 10:00	05/21/25 11:10
460-326580-14	SRI-X-3_13-15_20250520	Solid	05/20/25 10:05	05/21/25 11:10
460-326580-15	SRI-B1-4_22-24_20250520	Solid	05/20/25 10:30	05/21/25 11:10
460-326580-16	SRI-B2-3_22-24_20250520	Solid	05/20/25 10:45	05/21/25 11:10
460-326580-17	SRI-A2-3_3-5_20250520	Solid	05/20/25 11:45	05/21/25 11:10
460-326580-18	SRI-A2-3_8-10_20250520	Solid	05/20/25 11:50	05/21/25 11:10
460-326580-19	SRI-A2-3_10-12_20250520	Solid	05/20/25 11:55	05/21/25 11:10
460-326580-20	SRI-A3-3_3-5_20250520	Solid	05/20/25 12:40	05/21/25 11:10
460-326580-21	SRI-A3-3_5-7_20250520	Solid	05/20/25 12:45	05/21/25 11:10
460-326580-22	SRI-A3-3_13-15_20250520	Solid	05/20/25 12:50	05/21/25 11:10
460-326580-23	SRI-X-4_5-7_20250520	Solid	05/20/25 12:55	05/21/25 11:10
460-326580-24	SRI-FB-4_20250520	Water	05/20/25 13:00	05/21/25 11:10
460-326580-25	SRI-TB-3_20250520	Water	05/20/25 13:00	05/21/25 11:10
460-326580-26	SRI-TB-4_20250520	Water	05/20/25 13:00	05/21/25 11:10
460-326580-27	SRI-A3-4_3-5_20250520	Solid	05/20/25 13:20	05/21/25 11:10
460-326580-28	SRI-A3-4_6-8_20250520	Solid	05/20/25 13:25	05/21/25 11:10
460-326580-29	SRI-A3-4_13-15_20250520	Solid	05/20/25 13:30	05/21/25 11:10
460-326580-30	SRI-A3-2_3-5_20250520	Solid	05/20/25 13:40	05/21/25 11:10
460-326580-31	SRI-A3-2_8-10_20250520	Solid	05/20/25 13:45	05/21/25 11:10
460-326580-32	SRI-A3-2_13-15_20250520	Solid	05/20/25 13:50	05/21/25 11:10
460-326580-33	SRI-A3-1_3-5_20250520	Solid	05/20/25 14:10	05/21/25 11:10
460-326580-34	SRI-A3-1_8-10_20250520	Solid	05/20/25 13:45	05/21/25 11:10
460-326580-35	SRI-A3-1_13-15_20250520	Solid	05/20/25 13:50	05/21/25 11:10
460-326580-36	SRI-A4-1_3-5_20250520	Solid	05/20/25 15:00	05/21/25 11:10
460-326580-37	SRI-A4-1_7-9_20250520	Solid	05/20/25 15:05	05/21/25 11:10
460-326580-38	SRI-A4-2_3-5_20250520	Solid	05/20/25 15:10	05/21/25 11:10
460-326580-39	SRI-A4-2_6-8_20250520	Solid	05/20/25 15:15	05/21/25 11:10
460-326644-11	SRI-A1-2_3-5_20250519	Solid	05/19/25 11:15	05/20/25 23:59
460-326644-12	SRI-A1-2_8-10_20250519	Solid	05/19/25 11:20	05/20/25 23:59
460-326644-13	SRI-A1-2_13-15_20250519	Solid	05/19/25 11:25	05/20/25 23:59
460-326644-14	SRI-X-1_13-15_20250519	Solid	05/19/25 12:45	05/20/25 23:59
460-326644-15	SRI-B1-2_3-5_20250519	Solid	05/19/25 12:15	05/20/25 23:59
460-326644-16	SRI-B1-2_5-7_20250519	Solid	05/19/25 12:25	05/20/25 23:59
460-326644-17	SRI-B1-2_13-15_20250519	Solid	05/19/25 12:30	05/20/25 23:59
460-326644-18	SRI-B1-2_18-20_20250519	Solid	05/19/25 12:35	05/20/25 23:59
460-326644-19	SRI-X-2_3-5_20250519	Solid	05/19/25 13:15	05/20/25 23:59
460-326644-20	SRI-B1-1_3-5_20250519	Solid	05/19/25 13:00	05/20/25 23:59
460-326644-21	SRI-B1-3_3-5_20250519	Solid	05/19/25 13:45	05/20/25 23:59
460-326644-22	SRI-B1-3_5-7_20250519	Solid	05/19/25 13:55	05/20/25 23:59
460-326644-23	SRI-B1-3_13-15_20250519	Solid	05/19/25 14:00	05/20/25 23:59
460-326644-24	SRI-B1-4_3-5_20250519	Solid	05/19/25 14:15	05/20/25 23:59
460-326644-25	SRI-B1-4_5-7_20250519	Solid	05/19/25 14:20	05/20/25 23:59

Sample Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326580-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326644-26	SRI-B1-4_13-15_20250519	Solid	05/19/25 14:25	05/20/25 23:59
460-326644-27	SRI-B1-4_17-19_20250519	Solid	05/19/25 14:30	05/20/25 23:59
460-326644-33	SRI-B2-1_3-5_20250519	Solid	05/19/25 14:40	05/20/25 23:59
460-326644-34	SRI-B1-4_18-20_20250519	Solid	05/19/25 14:35	05/20/25 23:59
460-326644-35	SRI-B2-1_18-20_20250519	Solid	05/19/25 14:45	05/20/25 23:59
460-326644-36	SRI-B2-1_13-15_20250519	Solid	05/19/25 15:00	05/20/25 23:59
460-326644-37	SRI-B2-1_8-10_20250519	Solid	05/19/25 14:50	05/20/25 23:59
460-326644-38	SRI-B2-3_3-5_20250519	Solid	05/19/25 15:05	05/20/25 23:59
460-326644-39	SRI-B2-3_13-15_20250519	Solid	05/19/25 15:10	05/20/25 23:59
460-326644-40	SRI-B2-3_8-10_20250519	Solid	05/19/25 15:15	05/20/25 23:59
460-326644-41	SRI-B2-3_17-19_20250519	Solid	05/19/25 15:20	05/20/25 23:59
460-326644-42	SRI-B2-4_3-5_20250519	Solid	05/19/25 15:30	05/20/25 23:59
460-326644-43	SRI-B2-4_7-9_20250519	Solid	05/19/25 15:35	05/20/25 23:59
460-326644-44	SRI-B2-4_13-15_20250519	Solid	05/19/25 15:40	05/20/25 23:59
460-326694-1	SRI-A4-4_3_5_20250521	Solid	05/21/25 08:00	05/22/25 16:00
460-326694-2	SRI-A4-4_6-8_20250521	Solid	05/21/25 08:10	05/22/25 16:00
460-326694-3	SRI-A4-3_3-5_20250521	Solid	05/21/25 08:30	05/22/25 16:00
460-326694-4	SRI-A4-3_8-10_20250521	Solid	05/21/25 08:40	05/22/25 16:00
460-326694-5	SRI-A4-3_10-12_20250521	Solid	05/21/25 08:45	05/22/25 16:00
460-326694-6	SRI-X-5_3-5_20250521	Solid	05/21/25 08:35	05/22/25 16:00
460-326694-7	SRI-FB-5_20250521	Water	05/21/25 09:00	05/22/25 16:00
460-326694-8	SRI-FB-6_20250521	Water	05/21/25 09:00	05/22/25 16:00
460-326694-9	SRI-B3-4_3-5_20250521	Solid	05/21/25 10:05	05/22/25 16:00
460-326694-10	SRI-B3-4_6-8_20250521	Solid	05/21/25 10:10	05/22/25 16:00
460-326694-11	SRI-B3-4_13-15_20250521	Solid	05/21/25 10:15	05/22/25 16:00
460-326694-12	SRI-B3-4_16-18_20250521	Solid	05/21/25 10:20	05/22/25 16:00
460-326694-13	SRI-B3-2B_8-10_20250521	Solid	05/21/25 10:50	05/22/25 16:00
460-326694-14	SRI-B3-2B_12-14_20250521	Solid	05/21/25 10:55	05/22/25 16:00
460-326694-15	SRI-B3-2A_16-18_20250521	Solid	05/21/25 11:00	05/22/25 16:00
460-326694-16	SRI-B3-3_8-10_20250521	Solid	05/21/25 11:30	05/22/25 16:00
460-326694-17	SRI-B3-3_13-15_20250521	Solid	05/21/25 11:45	05/22/25 16:00
460-326694-18	SRI-B3-3_18-20_20250521	Solid	05/21/25 11:35	05/22/25 16:00
460-326694-19	SRI-X-6_3-5_20250521	Solid	05/21/25 12:10	05/22/25 16:00
460-326694-20	SRI-B3-1_3-5_20250521	Solid	05/21/25 12:15	05/22/25 16:00
460-326694-21	SRI-B3-1_5-7_20250521	Solid	05/21/25 12:20	05/22/25 16:00
460-326694-22	SRI-TB-5_20250521	Water	05/21/25 13:00	05/22/25 16:00
460-326694-23	SRI-TB-6_20250521	Water	05/21/25 13:00	05/22/25 16:00
460-326694-24	SRI-B4-1A_3-5_20250521	Solid	05/21/25 13:45	05/22/25 16:00
460-326694-25	SRI-B4-1A_8-10_20250521	Solid	05/21/25 13:50	05/22/25 16:00
460-326694-26	SRI-B4-1A_13-15_20250521	Solid	05/21/25 13:55	05/22/25 16:00
460-326694-27	SRI-B3-2C_3-5_20250521	Solid	05/21/25 15:00	05/22/25 16:00
460-326694-28	SRI-B3-3B_3-5_20250521	Solid	05/21/25 15:15	05/22/25 16:00
460-326756-1	SRI-B4-4_3-5_20250522	Solid	05/22/25 08:55	05/23/25 16:00
460-326756-2	SRI-B4-4_8-10_20250522	Solid	05/22/25 09:00	05/23/25 16:00
460-326756-3	SRI-B4-4_13-15_20250522	Solid	05/22/25 08:50	05/23/25 16:00
460-326756-4	SRI-B4-1B_3-5_20250522	Solid	05/22/25 09:35	05/23/25 16:00
460-326756-5	SRI-B4-1B_8-10_20250522	Solid	05/22/25 09:40	05/23/25 16:00
460-326756-6	SRI-B4-1B_10-12_20250522	Solid	05/22/25 09:45	05/23/25 16:00
460-326756-7	SRI-B4-1B_15-17_20250522	Solid	05/22/25 09:50	05/23/25 16:00
460-326756-8	SRI-B4-2A_3-5_20250522	Solid	05/22/25 10:20	05/23/25 16:00
460-326756-9	SRI-B4-2A_8-10_20250522	Solid	05/22/25 10:25	05/23/25 16:00
460-326756-10	SRI-B4-2A_11-13_20250522	Solid	05/22/25 10:30	05/23/25 16:00
460-326756-11	SRI-TB-7_20250522	Water	05/22/25 15:00	05/23/25 16:00
460-326756-12	SRI-FB-7_20250522	Water	05/22/25 15:00	05/23/25 16:00

Sample Summary

Client: AKRF Inc
Job ID: 460-326580-1
Project/Site: 350 Grand Concourse, Bronx, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326756-13	SRI-B4-2B_18-20_20250522	Solid	05/22/25 14:00	05/23/25 16:00
460-326756-14	SRI-X-7_3-5_20250522	Solid	05/22/25 15:00	05/23/25 16:00
460-326756-15	SRI-A1-3B_3-5_20250522	Solid	05/22/25 15:05	05/23/25 16:00
460-326756-16	SRI-A1-3B_7-9_20250522	Solid	05/22/25 15:10	05/23/25 16:00
460-326756-17	SRI-B4-4_15-17_20250522	Solid	05/22/25 09:05	05/23/25 16:00
460-326756-18	SRI-A1-1B_3-5_20250522	Solid	05/22/25 15:15	05/23/25 16:00
460-326756-19	SRI-A1-1B_5-7_20250522	Solid	05/22/25 15:20	05/23/25 16:00
460-326756-20	SRI-A1-1B_13-15_20250522	Solid	05/22/25 15:25	05/23/25 16:00
460-326756-21	SRI-A1-4B_3-5_20250522	Solid	05/22/25 15:30	05/23/25 16:00
460-326756-22	SRI-B4-3_3-5_20250522	Solid	05/22/25 11:45	05/23/25 16:00
460-326756-23	SRI-B4-3_8-10_20250522	Solid	05/22/25 11:50	05/23/25 16:00
460-326756-24	SRI-B4-3_13-15_20250522	Solid	05/22/25 11:55	05/23/25 16:00
460-326756-25	SRI-B4-3_15-17_20250522	Solid	05/22/25 12:00	05/23/25 16:00

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.2
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 2 of 13~~ 1 of 4
Company: AKRF Inc	PWSID:			Job #:

Address: 440 Park Avenue South 7th Floor	Due Date Requested:
City: New York	TAT Requested (days):
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No
Phone: 914-922-2354(Tel)	PO #: 240979
Email: kwiles@akrf.com	WO #:
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096
Site:	SSOW#:

Analysis Requested

Preservation Codes:

460-326580 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs N	8260D TCL/SRS VOCs + 15 TICs A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
SR1-A2-4-3-5_20250520	5/20/25	0800	G	Solid			X			
SR1-A2-4-8-10_20250520		0805		Solid			X			
SR1-A2-4-13-15_20250520		0810		Solid			X			
SR1-FB-3_20250520		0730		Solid			X			
SR1-B2-2-3-5_20250520		0830		Solid			X			
SR1-B2-2-8-10_20250520		0835		Solid			X			
SR1-B2-2-13-15_20250520		0840		Solid			X			
SR1-A2-2-3-5_20250520		0930		Solid			X			
SR1-A2-2-8-10_20250520		0935		Solid			X			
SR1-A2-2-13-15_20250520		0940		Solid			X			
SR1-A2-1-3-5_20250520		0950		Solid			X			

REVISED 2772

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I II III IV Other (specify)	Special Instructions/QC Requirements: Deliv VOC SDG specific cat B to Earth EDD

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/20/25 @1530	AKRF	[signature] 05-20-25	~~5/20/25~~ 3:30PM	ET-A
Relinquished by: [signature] 05-20-25	Date/Time: ET-A 1700	Company	Received by: [signature]	Date/Time: 5/20/25 24:00	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.3
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~3 of 12~~ 2 of 4
Company: AKRF Inc	PWSID:	Analysis Requested		Job #:
Address: 440 Park Avenue South 7th Floor	te Requested:			Preservation Codes: N None A HCL
City: New York	quested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other:

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
SR1-A2-1-8-10_20250520	5/20/25	0955	G	Solid			X		4	
SR1-A2-1-13-15_20250520		1000		Solid			X		4	
SR1-X-3@20250520-13-15 20250520		1005		Solid			X		4	
SR1-B1-4-23-24_20250520		1030		Solid			X		4	
SR1-B2-3-23-24_20250520		1045		Solid			X		4	
SR1-A2-3-3-5_20250520		1145		Solid		Y	X		12	MS/MSD
SR1-A2-3-8-10_20250520		1150		Solid			X		4	
SR1-A2-3-10-12_20250520		1155		Solid			X		4	
SR1-A3-3-3-5_20250520		1240		Solid			X		4	
SR1-A3-3-5-7_20250520		1245		Solid			X		4	
SR1-A3-3-13-15_20250520		1250		Solid		Y	X		12	MS/MSD

RECEIVED 5/27/25

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/20/25 1530	AKRF	[signature] 05-20-25	3/30PM	ETA
[signature] 05-20-25	Date/Time: 25 ETA 1700	Company	Received by: [signature]	Date/Time: 5/21/25 2400	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

6/13/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.4
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~4 of 13~~ 3 of 4
Company: AKRF Inc	PWSID:	Analysis Requested		Job #:
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: N None, A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs (N)	8260D TCL/SRS VOCs + 15 TICs (A)	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	A		
SR1-X-B4-5-7_20250520	5/20/25	1255	G	Solid			X			
SR1-FB-4_20250520		1300		~~W Solid~~			X			
SR1-TB-3_20250520		1300		Solid			X			
SR1-TB-4_20250520		1300		Solid			X			
SR1-A3-3-3-5_20250520		1320		Solid			X			
SR1-A3_3-6-8_20250520		1325		Solid			X			
SR1-A3-3-13-15_20250520		1330		Solid			X			
SR1-A3-2-3-5_20250520		1340		Solid			X			
SR1-A3-2-8-10_20250520		1345		Solid			X			
SR1-A3-2-13-15_20250520		1350		Solid			X			
SR1-A3-1-3-5_20250520		1410		Solid			X			

EDD to ELSE 5/22

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	5/20/25 1530	AKRF	[signature]	05-20-25 3:30 PM	ET A
Relinquished by: [signature] 05-20	Date/Time: ~~-25~~ ETA 1700	Company	Received by: [signature]	Date/Time: 5/21/25	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.5
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 5 of 13~~ 4 of 4
Company: AKRF Inc	PWSID:	Analysis Requested		Job #:
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes. N None A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
SR1-A3-1-8-10_20250520	5/20/25	1345	G	Solid			XX			ELVSEHORD 272
SR1-A3-1-13-15_20250520		1350		Solid			XX			
SR1-A4-1-3-5_20250520		1500		Solid			XX			
SR1-A4-1-7-9_20250520		1505		Solid			XX			
SR1-A4-2-3-5_20250520		1516		Solid			XX			
SR1-A4-2-6-8_20250520		1515		Solid			XX			
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/20/25	AKRF	[signature] 05-20-25	3:30PM	ET A
[signature] 05-20-25	EST 1700		[signature]	5/20/25 5pm	GENE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326560

Number of Coolers: 1 IR Gun # 17

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	°C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ Date: 6/2/25

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

NYC 222

Chain of Custody Record

VOCs

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.6
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~6 of 13~~ 1 of 3
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 326694
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: N None, A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

460-326694 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs		Total	Special Instructions/Note:
			Preservation Code:				N	A			
SR1-A4-4-3-5_20250521	5/21/25	0800	G	Solid			X		1	4	
SR1-A4-4-6-8_20250521		0810		Solid			X		2		
SR1-A4-3-3-5_20250521		0820		Solid			X		3		
SR1-A4-3-8-10_20250521		0840		Solid		Y	X		4	12	MS/MSD
SR1-A4-3-10-12_20250521		0845		Solid			X		5	4	
SR1-~~B4~~ X-5-3-5_20250521		0835		Solid			X		6	4	
SR1-FB-5_20250521		0900		~~Solid~~ W			X		7	2	
SR1-FB-6_20250521		0900		~~Solid~~ W			X		8	2	
SR1-B3-4-3-5_20250521		1005		Solid			X		9	4	
SR1-B3-4-6-8_20250521		1010		Solid			X		10	4	
SR1-B3-4-13-15_20250521		1015		Solid			X		11	4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements: Emp SDG open; Cat B; EQuIS EDD

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/21/25 @ 1700	AKRF		05/21/25 17 00	TAN VC
2	Relinquished by:	05/21/25 17:30	TA NVC	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5 22 1600	Company ETH

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

NYC 222

Client Information	Sampler: M Miller	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.7
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 7 of 13 → 2 of 3
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 326694
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: N None, A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs N	8260D TCL/SRS VOCs + 15 TICs A		Total Number of ...	Special Instructions/Note.
			Preservation Code:								
SRI-B3-4-16-18_20250521	5/21/25	1020	G	Solid			X		12	4	
SRI-B3-2B-8-10_20250521		1050		Solid			X		13	4	
SRI-B3-2B-12-14_20250521		1055		Solid			X		14	4	
SRI-B3-2A-16-18_20250521		1100		Solid		Y	X		15	12	MS/MSD
SRI-B3-3-8-10_20250521		1130		Solid			X		16	4	
SRI-B3-3-13-15_20250521		1145		Solid			X		17	4	
SRI-B3-3-18-20_20250521		1135		Solid			X		18	4	
SRI-X-C6-3-5_20250521		1210		Solid			X		19	4	
SRI-B3-1-3-5_20250521		1215		Solid			X		20	4	
SRI-B3-1-5-7_20250521		1220		Solid			X		21	4	
SRI-TB-5_20250521		1300		Solid			X		22	2	

SHORT HOLD

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: II, III IV Other (specify)

Special Instructions/QC Requirements: Use SRI open; Cat B; Fax is

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	M Miller	5/21/25 @1700	AKRF			
2		05/21/25 17:30			05/21/25 17:00	TA NYC
3				Rose M	5/22 1600	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

6/13/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins

NYC 222

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498.8
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page ~~2 of 3~~ 3 of 3
Company: AKRF Inc	PWSID:			Job #: 326694
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: ∆ Yes ∆ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
A HCL

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
SRI-TB-Co_20250521	5/21/25	1300	G	Solid			X	23	4	
SRI-B4-1A-3-5_20250521		1345		Solid			X	24	4	
SRI-B4-1A-8-10_20250521		1350		Solid			X	25	4	
SRI-B4-1A-13-15_20250521		1355		Solid			X	26	4	
SRI-B3-2C-3-5_20250521		1500		Solid			X	27	4	
SRI-B3-3B-3-5_20250521		1515		Solid			X	28	4	
~~SRI-X-Co_3-5_20250521~~ (MW)				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	5/21/25 @ 1700	AKRF	[signature]	05/21/25 17:00	TAL NYC
2	[signature]	05/21/25 17:30	TAL NYC	[signature]		
3				[signature]	5/22 1600	ETA

Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326694

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	°C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: RN Date: 5/22/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

VOCs

eurofins | Environment Testing

Client Information	Sampler: M Miller	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No:
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: 1 of 3
Company: AKRF Inc	PWSID:			Job #: 326756
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
A HCL

460-326756 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs N	8260D TCL/SRS VOCs + 15 TICs A	Tot	Special Instructions/Note:
			Preservation Code:				N	A		
SR1-B4-4-3.5_20250522	5/22/25	0855	G	Solid			X		1	
SR1-B4-4-8-10_20250522		0900		Solid			X		2	
SR1-B4-4-13-15_20250522		0850		Solid			X		3	
SR1-B4-1B_3-5_20250522		0935		Solid			X		4	
SR1-B4-1B_8-10_20250522		0940		Solid			X		5	
SR1-B4-1B_10-12_20250522		0945		Solid			X		6	
SR1-B4-1B_15-17_20250522		0950		Solid			X		7	
SR1-B4-2A_3.5_20250522		1020		Solid			X		8	
SR1-B4-2A_8-10_20250522		1025		Solid			X		9	
SR1-B4-2A_11-13_20250522		1030		Solid			X		10	
(M) SR1-B4-[illegible]_20250522		1035		Solid			X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements: 4.4° C

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	M Miller	5/22/25 @1600	AKRF	J Hunt 05-23-25	4 00 pm	ETA
2	J Hunt 05-23-25	1700	ETA			
3				Rose M	5/23 1600	ETA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498 10
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin	Page: ~~Page 10 of 10~~ 2 of 3
Company: AKRF inc	PWSID:	Analysis Requested		Job #: 326756
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes. N None A HCL
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			Other
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs N	8260D TCL/SRS VOCs + 15 TICs A	SHORT HOLD	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SRI-TB-7_20250522	5/22/25	1500	G	~~Water~~ Solid			X			11	Elmsford, 272
SRI-FB-7_20250522		1500		~~Water~~ Solid			X			12	
SRI-B4-2B_18-20_20250522		1400		Solid			X			13	
SRI-X-7B-5_20250522		1500		Solid			X			14	
SRI-A1-3B_3-5_20250522		1505		Solid			X			15	
SRI-A1-3B_7-9_20250522		1510		Solid			X			16	
SRI-B4-4_15-17_20250522		0905		Solid			X			17	
SRI-A1-1B_3-5_20250522		1515		Solid		Y	X			18	MS/MSD
SRI-A1-1B_5-7_20250522		1520		Solid			X			19	
SRI-A1-1B_13-15_20250522		1525		Solid			X			20	
SRI-A1-4B_3-5_20250522		1530		Solid			X			21	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements: 4.4°C

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	5/22/25 1600	AKRF	Received by:	05-22-25 4.00PM	ETA
Relinquished by:	05-22-25 1700	ETA	Received by:	5/23 1600	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks.

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194892-127498 11
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 11 ~~of 13~~ 3 of 3
Company: AKRF Inc	PWSID:			Job #: 326456
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes.
N None
A HCL

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oi BT=Tissue, A=Al DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/SRS VOCs + 15 TICs	8260D TCL/SRS VOCs + 15 TICs																Total Number of containers	Special Instructions/Note:
Preservation Code:							N	A																	
SR1-B4-3_3-5_20250522	5/22/25	1145	G	Solid			X		22																Elmsford, 272
SR1-B4-3_8-10_20250522	↓	1150	↓	Solid			X		23																
SR1-B4-3_13-15_20250522	↓	1155	↓	Solid			X		24																
SR1-B4-3_15-17_20250522	↓	1200	↓	Solid			X		25																
				Solid																					
				Solid																					
				Solid																					
				Solid																					
				Solid																					
				Solid																					
				Solid																					
				Solid																					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements. 4.4°

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	5/22/25 @1600	AKRF		05-22-25 4:00 PM	ETA
Relinquished by:	05-22-25 1700, ETA	Company	Received by:	Date/Time: 5/	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326756

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.4 °C	4.8 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: RN Date: 5/23/25

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326580-1

Login Number: 326580
List Number: 1
Creator: Casallas, Angela C

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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.	False	Refer to Job Narrative for details.
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326580-1

Login Number: 326644
List Number: 1
Creator: Haas, Melissa

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326580-1

Login Number: 326694
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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.	False	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326580-1

Login Number: 326756
List Number: 1
Creator: Nelson, Rose E

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kenneth Wiles
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 6/13/2025 8:27:38 AM

JOB DESCRIPTION

350 Grand Concourse, Bronx, NY

JOB NUMBER

460-326691-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

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.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
6/13/2025 8:27:38 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 8
Client Sample Results 33
Surrogate Summary 167
QC Sample Results 175
QC Association Summary 287
Lab Chronicle 325
Certification Summary 362
Method Summary 363
Sample Summary 364
Subcontract Data 366
Chain of Custody 405
Receipt Checklists 415

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
A	The tentatively identified compound is a suspected aldol-condensation product.
J	Indicates an estimated value.
N	This flag indicates the presumptive evidence of a compound.

GC VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
D	The reported value is from a dilution.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
J	Indicates an estimated value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
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.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
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

Job Narrative
460-326691-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 samples were received on 5/20/2025 5:00 PM, 5/21/2025 4:00 PM, 5/21/2025 5:00 PM and 5/22/2025 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 3.8°C, 4.4°C and 5.6°C for jobs 460- 326691, 460-326877 and 460- 327048.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody for jobs 460-326691 and 460-326806

No matrix recorded on the COC for samples 10 or 11. No TAT recorded on the COC. No container totals recorded on the COC.

The Chain of Custody was received without any analyses selected for job 460-326806

Receipt temperatures were not recorded on the chain of custody forms for the samples indicated below.. Most analytical methods require chilling samples to 4° C. For these methods, the criteria are met if the samples are chilled to below 6° C and above freezing (0°C). Client provided Eurofins all samples on ice and the samples shall be considered acceptable.

Affected samples in job 460-326691: Sample IDs beginning with 460-326806 .Courier did not sign or record receipt temperature on the COC of job 460-326806

The following sample had insufficient volume for DRO analysis: A4-3_3-5_20250521 (460-326877-3), B3-4_3-5_20250521 (460-326877-9) and A3-1_3-5_20250520 (460-326691-17).

Subcontract Work
Method EOX by 9023 + % Solids SM2540G: This method was subcontracted to Hampton-Clarke, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

GC/MS Semi VOA
Method 8270E: The laboratory control sample duplicate (LCSD) for preparation batch 460-1040354 and analytical batch 460-1040407 recovered outside control limits for the following analytes: Atrazine. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1040410 was outside the method criteria for the following analyte(s): 1,4-Dioxane and 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.

Method 8270E: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 460-1040352 and analytical batch 460-1040410 recovered outside control limits for the following analyte(s): 2,4-Dimethylphenol. These analytes have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

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

Gasoline Range Organics
Method 8015D_GRO: Surrogate recovery for the following sample was outside the upper control limit: A3-1_13-15_20250520

Job ID: 460-326691-1 (Continued) Eurofins Edison

(460-326691-19). This sample did not contain any target analytes; therefore, re-analysis was not performed.

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

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

Herbicides
Method 8151A: The closing continuing calibration verification (CCVC) associated with batch 460-1040422 recovered above the upper control limit for Silvex (2,4,5-TP). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.
(CCV 460-1040422/30)

Method 8151A: The laboratory control sample (LCS) for preparation batch 460-1040404 and analytical batch 460-1040422 recovered outside control limits for Silvex (2,4,5-TP). This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8151A: The closing calibration verification (CCVC) associated with batch 460-1040422 recovered above the upper control limit for 2,4,5-T and Silvex (2,4,5-TP). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

Hydrocarbons
Method NJEPH: 1-Chlorooctadecane surrogate recovery for this LCS and LCSD was outside control limits but o-Terphenyl surrogate and spike recoveries were within control limits; therefore the data have been qualified and reported.(LCS 460-1040490/2-A) and (LCSD 460-1040490/3-A)

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
Method 8081B: The %RPD between the primary and confirmation column / detector exceeded 40% for 4,4'-DDT for the following sample: A2_10-15_20250520 (460-326691-10). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

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

Metals
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 samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: B2_0-5_20250520 (460-326691-1), B2_5-10_20250520 (460-326691-2), B2_10-15_20250520 (460-326691-3), B2_15-20_20250520 (460-326691-4), A2_0-5_20250520 (460-326691-8), A2_5-10_20250520 (460-326691-9), A2_10-15_20250520 (460-326691-10), A3_0-5_20250520 (460-326691-14), A3_5-10_20250520 (460-326691-15) and A3_10-15_20250520 (460-326691-16).

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

Detection Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_0-5_20250520 — Lab Sample ID: 460-326691-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.023	J	0.037	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.029	J	0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.019	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.014	J	0.037	0.0072	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.020	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.023	J	0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.037	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.034	J	0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.015	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.031	J	0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	220		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	12500		17.4	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.57	J	0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.9		0.87	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	55.9		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.41		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	5.9	J	34.9	1.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.87	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	30200		87.2	8.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.8		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.8		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	23.1		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	17300		52.3	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	42.5		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6760		87.2	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	325		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1280		87.2	14.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	597		87.2	39.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.089	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Tin	2.0	J	7.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.9		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	76.1		7.0	0.95	mg/Kg	1	☼	6020B	Total/NA
Barium	427		40.0	9.1	ug/L	10		6020B	TCLP
Lead	12.5		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	10.7	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.14		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	10.1	HF			SU	1		9045D	Total/NA
Temperature	21.8	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B2_5-10_20250520 — Lab Sample ID: 460-326691-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.017	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.023	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	470		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	11000		16.1	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.19	J	0.81	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.2		0.81	0.083	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: B2_5-10_20250520 (Continued)
Lab Sample ID: 460-326691-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	57.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.64		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	3.1	J	32.2	1.7	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	0.81	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	7160		80.6	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.3		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	17.3		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	20400		48.4	6.2	mg/Kg	1	☼	6020B	Total/NA
Lead	37.0		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4880		80.6	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	410		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1450		80.6	13.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	265		80.6	36.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Tin	1.1	J	6.4	0.98	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.4		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	70.1		6.4	0.88	mg/Kg	1	☼	6020B	Total/NA
Barium	654		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	8.5	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	55.7		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	31.8	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	595		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.034		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA
pH	9.6	HF			SU	1		9045D	Total/NA
Temperature	21.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.6	HF			SU	1		9045D	Total/NA

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.028	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.026	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	78		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	8780		17.0	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.3		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	48.1		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.94		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	3.0	J	34.0	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.11	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	61800		85.1	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.8		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.3		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	19.4		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	29400		51.0	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	22.3		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8760		85.1	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	643		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B2_10-15_20250520 (Continued) — Lab Sample ID: 460-326691-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	19.6		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1990		85.1	13.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	332		85.1	38.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	1.6	J	6.8	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	36.9		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	70.6		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Barium	747		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	33.8	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.016	J	0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	9.9	HF			SU	1		9045D	Total/NA
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.9	HF			SU	1		9045D	Total/NA

Client Sample ID: B2_15-20_20250520 — Lab Sample ID: 460-326691-4

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	43		18	18	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	11200		18.7	5.1	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.21	J	0.93	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.0		0.93	0.096	mg/Kg	1	☼	6020B	Total/NA
Barium	67.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.7		0.37	0.021	mg/Kg	1	☼	6020B	Total/NA
Boron	3.4	J	37.3	2.0	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.15	J	0.93	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	9430		93.3	9.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	28.4		1.9	0.28	mg/Kg	1	☼	6020B	Total/NA
Cobalt	15.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	23.0		1.9	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	25100		56.0	7.1	mg/Kg	1	☼	6020B	Total/NA
Lead	42.1		0.56	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6450		93.3	9.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	515		3.7	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	30.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	2160		93.3	15.1	mg/Kg	1	☼	6020B	Total/NA
Sodium	419		93.3	42.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.25	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Tin	2.5	J	7.5	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	41.2		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	124		7.5	1.0	mg/Kg	1	☼	6020B	Total/NA
Barium	802		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	145		40.0	9.1	ug/L	10		6020B	TCLP
Zinc	135	J	160	65.2	ug/L	10		6020B	TCLP
pH	10.3	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.3	HF			SU	1		9045D	Total/NA

Client Sample ID: B2-2_3-5_20250520 — Lab Sample ID: 460-326691-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	670		44	2.8	mg/Kg	5	☼	8015D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B2-2_8-10_20250520 — Lab Sample ID: 460-326691-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	100		9.0	0.57	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B2-2_13-15_20250520 — Lab Sample ID: 460-326691-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	30		9.1	0.57	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A2_0-5_20250520 — Lab Sample ID: 460-326691-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	0.021	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.061	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.12	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.43		0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.52		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.47		0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.65		0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.31	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.24		0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.16	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.53		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.068		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.13	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.7		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.12	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.35		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.12	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.8		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.1		0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0033	J	0.0073	0.0013	mg/Kg	1	☼	8081B	Total/NA
Total EPH (C9-C40)	66		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	10400		17.4	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.95		0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.9		0.87	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	110		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.49		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	4.9	J	34.7	1.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.43	J	0.87	0.098	mg/Kg	1	☼	6020B	Total/NA
Calcium	27300		86.8	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.4		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.1		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	26.4		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	18300		52.1	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	150		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6770		86.8	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	318		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.3		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1570		86.8	14.1	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.26	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	547		86.8	39.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Tin	8.8		6.9	1.1	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A2_0-5_20250520 (Continued)
Lab Sample ID: 460-326691-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	29.2		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	174		6.9	0.95	mg/Kg	1	☼	6020B	Total/NA
Barium	598		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	4.4	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	189		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	9.1	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	121	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.19		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA
pH	10.5	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.5	HF			SU	1		9045D	Total/NA

Client Sample ID: A2_5-10_20250520
Lab Sample ID: 460-326691-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.013	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.045		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.039		0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.047		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.030	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.023	J	0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.037	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.022	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.075	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.040		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.049	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.064	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDT	0.0036	J	0.0071	0.0013	mg/Kg	1	☼	8081B	Total/NA
Dieldrin	0.011		0.0021	0.00093	mg/Kg	1	☼	8081B	Total/NA
Total EPH (C9-C40)	120		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	9410		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.2		0.83	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	53.4		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.42		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	6.1	J	33.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.15	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	44500		83.4	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	31.0		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.4		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	22.7		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	15900		50.0	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	190		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	9530		83.4	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	241		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.9		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1820		83.4	13.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.13	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	532		83.4	38.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Tin	2.6	J	6.7	1.0	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A2_5-10_20250520 (Continued) — Lab Sample ID: 460-326691-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	27.8		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	81.5		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Barium	438		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	2.9	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	11.9	J	12.0	8.4	ug/L	10		6020B	TCLP
Nickel	10	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.10		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	10.3	HF			SU	1		9045D	Total/NA
Temperature	21.2	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.3	HF			SU	1		9045D	Total/NA

Client Sample ID: A2_10-15_20250520 — Lab Sample ID: 460-326691-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.040	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.13	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.27		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.24		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.35		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.15	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.11		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.056	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.27	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.043		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.022	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.70		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.039	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.17		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.55		0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.52		0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDD	0.0079		0.0072	0.0012	mg/Kg	1	☼	8081B	Total/NA
4,4'-DDE	0.0046	J	0.0072	0.00085	mg/Kg	1	☼	8081B	Total/NA
4,4'-DDT	0.0037	J p	0.0072	0.0013	mg/Kg	1	☼	8081B	Total/NA
cis-Chlordane	0.0034	J	0.0072	0.0011	mg/Kg	1	☼	8081B	Total/NA
Total EPH (C9-C40)	160		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	17000		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.27	J	0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.6		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	41.1		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	6.3	J	31.9	1.7	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.57	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	36800		79.7	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	30.5		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.0		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	42.1		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	22800		47.8	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	45.4		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	16100		79.7	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	349		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A2_10-15_20250520 (Continued) — Lab Sample ID: 460-326691-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	2170		79.7	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.15	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	1980		79.7	36.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.21	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Tin	4.1	J	6.4	0.97	mg/Kg	1	☼	6020B	Total/NA
Vanadium	34.4		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	82.3		6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Barium	381		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	4.0	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	21.1		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	20.4	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	196		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.10		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	9.6	HF			SU	1		9045D	Total/NA
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.6	HF			SU	1		9045D	Total/NA

Client Sample ID: A2-3_3-5_20250520 — Lab Sample ID: 460-326691-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	590		47	3.0	mg/Kg	5	☼	8015D	Total/NA

Client Sample ID: A2-3_10-12_20250520 — Lab Sample ID: 460-326691-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	30		8.9	0.56	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A2-3_8-10_20250520 — Lab Sample ID: 460-326691-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	51		9.5	0.60	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A3_0-5_20250520 — Lab Sample ID: 460-326691-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.010	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.025	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.043	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.16		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.15		0.035	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.24		0.035	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.099	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.072		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.20	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.041		0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.40		0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.019	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.12		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.24	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.33	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	230		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	8440		17.1	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.6		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A3_0-5_20250520 (Continued) — Lab Sample ID: 460-326691-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	110		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.51		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	4.5	J	34.1	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.38	J	0.85	0.096	mg/Kg	1	☼	6020B	Total/NA
Calcium	39400		85.3	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	24.0		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.6		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	68.0		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	16900		51.2	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	221		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	13000		85.3	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	390		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.6		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1690		85.3	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.086	J	0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	403		85.3	39.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.14	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	12.4		6.8	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	28.1		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	158		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Barium	756		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	4.3	J	9.2	2.9	ug/L	10		6020B	TCLP
Copper	26.9	J	40.0	24.5	ug/L	10		6020B	TCLP
Lead	80.9		12.0	8.4	ug/L	10		6020B	TCLP
Zinc	114	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.49		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA
pH	9.6	HF			SU	1		9045D	Total/NA
Temperature	21.7	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.6	HF			SU	1		9045D	Total/NA

Client Sample ID: A3_5-10_20250520 — Lab Sample ID: 460-326691-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.032	J	0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.028	J	0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.034	J	0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.019	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.013	J	0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.027	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.051	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.037		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.029	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.047	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	87		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	17200		17.7	4.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.39	J	0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.1		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	77.7		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.92		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A3_5-10_20250520 (Continued) — Lab Sample ID: 460-326691-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	4.1	J	35.4	1.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.21	J	0.88	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	49800		88.4	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	24.8		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.2		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	24.1		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	19200		53.0	6.8	mg/Kg	1	☼	6020B	Total/NA
Lead	104		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	15300		88.4	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	408		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.1		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	2180		88.4	14.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	1430		88.4	40.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.22	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Tin	3.9	J	7.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.9		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	118		7.1	0.96	mg/Kg	1	☼	6020B	Total/NA
Barium	785		40.0	9.1	ug/L	10		6020B	TCLP
Lead	54.8		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	11.8	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.22		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA
pH	9.5	HF			SU	1		9045D	Total/NA
Temperature	21.8	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.5	HF			SU	1		9045D	Total/NA

Client Sample ID: A3_10-15_20250520 — Lab Sample ID: 460-326691-16

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	51		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	17700		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.30	J	0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.1		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	43.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.66		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	4.1	J	33.5	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	106000		837	81.4	mg/Kg	10	☼	6020B	Total/NA
Chromium	25.0		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.3		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	13.5		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	20100		50.2	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	29.1		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	17500		83.7	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	409		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.7		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	2000		83.7	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	1140		83.7	38.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.22	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Tin	1.8	J	6.7	1.0	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A3_10-15_20250520 (Continued) — Lab Sample ID: 460-326691-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	39.8		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	107		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Barium	525		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	3.6	J	9.2	2.9	ug/L	10		6020B	TCLP
Mercury	0.19		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	9.4	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.4	HF			SU	1		9045D	Total/NA

Client Sample ID: A3-1_3-5_20250520 — Lab Sample ID: 460-326691-17

No Detections.

Client Sample ID: A3-1_8-10_20250520 — Lab Sample ID: 460-326691-18

No Detections.

Client Sample ID: A3-1_13-15_20250520 — Lab Sample ID: 460-326691-19

No Detections.

Client Sample ID: B4_0-5_20250522 — Lab Sample ID: 460-326806-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.016	J *	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.024	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.056	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.074	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.32		0.036	0.028	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.39		0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.52		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.24	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.20		0.036	0.0072	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.021	J	0.36	0.017	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.040	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.36		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.058		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.020	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.66		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.023	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.24		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.025	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.37		0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.52		0.36	0.0091	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	78		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	7260		20.8	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.26	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.1		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	148		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.35	J	0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Boron	3.1	J	41.6	2.2	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	1.0	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	30500		104	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.5		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B4_0-5_20250522 (Continued)
Lab Sample ID: 460-326806-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	29.5		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	13100		62.4	8.0	mg/Kg	1	☼	6020B	Total/NA
Lead	223		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	11200		104	10.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	235		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.7		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1230		104	16.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.17	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	224		104	47.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.097	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Tin	4.9	J	8.3	1.3	mg/Kg	1	☼	6020B	Total/NA
Vanadium	20.8		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	159		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Barium	881		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	4.0	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	175		12.0	8.4	ug/L	10		6020B	TCLP
Zinc	226		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.12		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	10.2	HF			SU	1		9045D	Total/NA
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.2	HF			SU	1		9045D	Total/NA

Client Sample ID: B4_5-10_20250522
Lab Sample ID: 460-326806-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.013	J *	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.015	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.033	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.053	J	0.38	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.22		0.038	0.029	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.25		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.34		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.15	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.12		0.038	0.0075	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.021	J	0.38	0.018	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.017	J	0.38	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.22	J	0.38	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.039		0.038	0.017	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.43		0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.14		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.014	J	0.38	0.0067	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.19	J	0.38	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.37	J	0.38	0.0096	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	74		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	6790		21.6	5.9	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.7		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	35.1		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.31	J	0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Calcium	2510		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.3		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B4_5-10_20250522 (Continued) — Lab Sample ID: 460-326806-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.2		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	11.6		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	11400		64.8	8.3	mg/Kg	1	☼	6020B	Total/NA
Lead	19.4		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2930		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	107		4.3	0.44	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.0		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	751		108	17.5	mg/Kg	1	☼	6020B	Total/NA
Sodium	151		108	49.4	mg/Kg	1	☼	6020B	Total/NA
Tin	1.6	J	8.6	1.3	mg/Kg	1	☼	6020B	Total/NA
Vanadium	10.9		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	48.4		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Barium	445		40.0	9.1	ug/L	10		6020B	TCLP
Lead	29.5		12.0	8.4	ug/L	10		6020B	TCLP
Zinc	233		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.59		0.20	0.091	ug/L	1		7470A	TCLP
Mercury	0.064		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	9.3	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.3	HF			SU	1		9045D	Total/NA

Client Sample ID: B4_10-15_20250522 — Lab Sample ID: 460-326806-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.15	J *	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.039		0.036	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.044		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.057		0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.039	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.022	J	0.036	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.039	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.057	J	0.36	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.038		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.18	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.026	J	0.36	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.056	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	58		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	7380		20.6	5.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.91	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	60.9		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.25	J	0.41	0.023	mg/Kg	1	☼	6020B	Total/NA
Calcium	11300		103	10.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	14.9		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	10.5		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	121		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	12800		61.7	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	31.2		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6480		103	10.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	147		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.4		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	1890		103	16.7	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B4_10-15_20250522 (Continued)
Lab Sample ID: 460-326806-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.37	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	278		103	47.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Tin	1.8	J	8.2	1.3	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.9		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	55.6		8.2	1.1	mg/Kg	1	☼	6020B	Total/NA
Barium	1030		40.0	9.1	ug/L	10		6020B	TCLP
Lead	122		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	9.3	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	71.5	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.22		0.20	0.091	ug/L	1		7470A	TCLP
Mercury	0.049		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	10.1	HF			SU	1		9045D	Total/NA
Temperature	21.4	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B4_15-20_20250522
Lab Sample ID: 460-326806-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.11	J *	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.013	J	0.038	0.0097	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.019	J	0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.20	J	0.38	0.0065	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.016	J	0.38	0.0094	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	23		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	4160		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.3		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	20.5		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.6		0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Boron	2.1	J	39.9	2.1	mg/Kg	1	☼	6020B	Total/NA
Calcium	5150		99.9	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	33.8		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.4		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	16.3		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	27800		59.9	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	26.7		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3000		99.9	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	255		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	22.4		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	508		99.9	16.2	mg/Kg	1	☼	6020B	Total/NA
Sodium	120		99.9	45.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.072	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Tin	2.6	J	8.0	1.2	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.7		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	89.9		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Barium	550		40.0	9.1	ug/L	10		6020B	TCLP
Lead	14.4		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	38.1	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.15	J	0.20	0.091	ug/L	1		7470A	TCLP
pH	8.3	HF			SU	1		9045D	Total/NA
Temperature	21.6	HF			Degrees C	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B4_15-20_20250522 (Continued) — Lab Sample ID: 460-326806-4

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Corrosivity	8.3	HF			SU	1		9045D	Total/NA

Client Sample ID: B1-B2_20-25_20250522 — Lab Sample ID: 460-326806-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.21	J *	0.44	0.012	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.27	J	0.44	0.0076	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	33		19	19	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	8210		23.8	6.5	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.74	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	47.9		2.4	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	2.2		0.48	0.026	mg/Kg	1	☼	6020B	Total/NA
Boron	3.3	J	47.5	2.6	mg/Kg	1	☼	6020B	Total/NA
Calcium	10200		119	11.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	36.6		2.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Cobalt	10.6		2.4	0.18	mg/Kg	1	☼	6020B	Total/NA
Copper	26.5		2.4	0.44	mg/Kg	1	☼	6020B	Total/NA
Iron	39600		71.3	9.1	mg/Kg	1	☼	6020B	Total/NA
Lead	19.9		0.71	0.24	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6010		119	12.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	536		4.8	0.48	mg/Kg	1	☼	6020B	Total/NA
Nickel	28.6		2.4	0.21	mg/Kg	1	☼	6020B	Total/NA
Potassium	1470		119	19.2	mg/Kg	1	☼	6020B	Total/NA
Sodium	328		119	54.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.48	0.049	mg/Kg	1	☼	6020B	Total/NA
Tin	3.0	J	9.5	1.4	mg/Kg	1	☼	6020B	Total/NA
Vanadium	66.2		2.4	0.24	mg/Kg	1	☼	6020B	Total/NA
Zinc	86.7		9.5	1.3	mg/Kg	1	☼	6020B	Total/NA
Barium	347		40.0	9.1	ug/L	10		6020B	TCLP
Lead	11.0	J	12.0	8.4	ug/L	10		6020B	TCLP
Nickel	55.2		40.0	9.1	ug/L	10		6020B	TCLP
Sulfide, Reactive	20.8		20.0	20.0	mg/Kg	1		9034	Total/NA
pH	8.4	HF			SU	1		9045D	Total/NA
Temperature	21.7	HF			Degrees C	1		9045D	Total/NA
Corrosivity	8.4	HF			SU	1		9045D	Total/NA

Client Sample ID: B4-1B_3-5_20250522 — Lab Sample ID: 460-326806-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	200		46	2.9	mg/Kg	5	☼	8015D	Total/NA

Client Sample ID: B4-1B_8-10_20250522 — Lab Sample ID: 460-326806-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	21		8.9	0.56	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B4-4_13-15_20250522 — Lab Sample ID: 460-326806-8

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	54		8.5	8.5	mg/Kg	500	☼	8015D	Total/NA
C10-C44	520		91	5.7	mg/Kg	10	☼	8015D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4-4_15-17_20250522 — Lab Sample ID: 460-326806-9

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	27		0.94	0.94	mg/Kg	50	☼	8015D	Total/NA
C10-C44	37		9.6	0.61	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B1-4_20-22_20250522 — Lab Sample ID: 460-326806-10

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	48		5.4	5.4	mg/Kg	200	☼	8015D	Total/NA
C10-C44	26		9.5	0.60	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A4_0-5_20250521 — Lab Sample ID: 460-326877-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.027	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.10		0.035	0.027	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.10		0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.13		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.080	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.051		0.035	0.0070	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.018	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.22	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.074		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0097	J	0.35	0.0061	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.16	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.21	J	0.35	0.0088	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	170		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	8770		17.1	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.3		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.7		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	269		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	4.8	J	34.2	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.69	J	0.85	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	39900		85.4	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.1		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	32.1		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	14200		51.2	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	434		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	10500		85.4	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	268		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.2		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1590		85.4	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	487		85.4	39.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.13	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	18.1		6.8	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.6		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	260	B	6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Barium	635		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	5.3	J	9.2	2.9	ug/L	10		6020B	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: A4_0-5_20250521 (Continued)
Lab Sample ID: 460-326877-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	15.0	J	40.0	12.2	ug/L	10		6020B	TCLP
Lead	908		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	16.1	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	292		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.24		0.018	0.0083	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.14	J	0.24	0.13	mg/Kg	1	☼	9012B	Total/NA
pH	10.7	HF			SU	1		9045D	Total/NA
Temperature	21.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.7	HF			SU	1		9045D	Total/NA

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.028	J	0.037	0.028	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.024	J	0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.027	J	0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.016	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.012	J	0.037	0.0074	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.025	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.054	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.015	J	0.037	0.015	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.037	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.047	J	0.37	0.0093	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	280		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	12600		17.7	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.48	J	0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.4		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	125		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.46		0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	5.0	J	35.3	1.9	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.20	J	0.88	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	47200		88.3	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	27.6		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	18.5		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	19800		53.0	6.8	mg/Kg	1	☼	6020B	Total/NA
Lead	124		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	10900		88.3	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	320		3.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Nickel	17.8		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	3000		88.3	14.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	446		88.3	40.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.17	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Tin	3.9	J	7.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.8		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	106	B	7.1	0.96	mg/Kg	1	☼	6020B	Total/NA
Barium	497		40.0	9.1	ug/L	10		6020B	TCLP
Lead	13.5		12.0	8.4	ug/L	10		6020B	TCLP
Mercury	0.12		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	11.3	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A4_5-10_20250521 (Continued) — Lab Sample ID: 460-326877-2

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	11.3	HF			SU	1		9045D	Total/NA

Client Sample ID: A4-3_3-5_20250521 — Lab Sample ID: 460-326877-3

No Detections.

Client Sample ID: A4-3_8-10_20250521 — Lab Sample ID: 460-326877-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C10-C44	31		9.3	0.59	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B3_0-5_20250521 — Lab Sample ID: 460-326877-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.011	J	0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.014	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.011	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.017	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.016	J	0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	83		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	4510		16.9	4.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.4		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	34.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.31	J	0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	3.8	J	33.8	1.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	6010		84.4	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.9		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	12.8		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	34400		50.7	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	6.2		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3860		84.4	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	449		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.1		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1360		84.4	13.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	219		84.4	38.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.0		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	31.3		6.8	0.92	mg/Kg	1	☼	6020B	Total/NA
Barium	721		40.0	9.1	ug/L	10		6020B	TCLP
Lead	33.1		12.0	8.4	ug/L	10		6020B	TCLP
Zinc	84.7	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.18		0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.15	J	0.26	0.14	mg/Kg	1	☼	9012B	Total/NA
pH	10.4	HF			SU	1		9045D	Total/NA
Temperature	22.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.4	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B3_10-15_20250521 — Lab Sample ID: 460-326877-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.030	J	0.37	0.010	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.015	J	0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	39		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	10100		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.1		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	47.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.56		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	2.5	J	33.7	1.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	19300		84.2	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.0		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	14.8		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	17600		50.5	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	7.4		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	7770		84.2	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	274		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	2450		84.2	13.6	mg/Kg	1	☼	6020B	Total/NA
Sodium	513		84.2	38.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.18	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	1.2	J	6.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.7		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	45.3	B	6.7	0.92	mg/Kg	1	☼	6020B	Total/NA
Barium	351		40.0	9.1	ug/L	10		6020B	TCLP
Lead	8.5	J	12.0	8.4	ug/L	10		6020B	TCLP
Nickel	14.0	J	40.0	9.1	ug/L	10		6020B	TCLP
pH	10	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10	HF			SU	1		9045D	Total/NA

Client Sample ID: B3_15-20_20250521 — Lab Sample ID: 460-326877-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.013	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Total EPH (C9-C40)	15		15	15	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	7290		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.55	J	0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	44.5		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.76		0.32	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	2.1	J	32.0	1.7	mg/Kg	1	☼	6020B	Total/NA
Calcium	27500		80.1	7.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.3		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	14.8		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	16200		48.0	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	10.8		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	16900		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	220		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.7		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1530		80.1	13.0	mg/Kg	1	☼	6020B	Total/NA
Sodium	229		80.1	36.6	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B3_15-20_20250521 (Continued) — Lab Sample ID: 460-326877-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.11	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.7		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	44.8	B	6.4	0.87	mg/Kg	1	☼	6020B	Total/NA
Barium	408		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	52.0		40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.013	J	0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	10.1	HF			SU	1		9045D	Total/NA
Temperature	21.8	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B3_5-10_20250521 — Lab Sample ID: 460-326877-8

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total EPH (C9-C40)	24		16	16	mg/Kg	1	☼	NJDEP EPH	Total/NA
Aluminum	11200		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.13	J	0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.8		0.84	0.087	mg/Kg	1	☼	6020B	Total/NA
Barium	38.6		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.57		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	3.0	J	33.7	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	21700		84.2	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.1		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.2		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	16.9		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	17100		50.5	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	18.3		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6340		84.2	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	317		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.1		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1640		84.2	13.6	mg/Kg	1	☼	6020B	Total/NA
Sodium	547		84.2	38.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	51.8	B	6.7	0.92	mg/Kg	1	☼	6020B	Total/NA
Barium	390		40.0	9.1	ug/L	10		6020B	TCLP
Lead	10.9	J	12.0	8.4	ug/L	10		6020B	TCLP
Nickel	9.6	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.048		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA
pH	9.8	HF			SU	1		9045D	Total/NA
Temperature	21.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.8	HF			SU	1		9045D	Total/NA

Client Sample ID: B3-4_3-5_20250521 — Lab Sample ID: 460-326877-9

No Detections.

Client Sample ID: B3-4_6-8_20250521 — Lab Sample ID: 460-326877-10

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B3-4_13-15_20250521 — Lab Sample ID: 460-326877-11

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	440		50	50	mg/Kg	2500	☼	8015D	Total/NA
C10-C44	30		9.0	0.57	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: B3-4_16-18_20250521 — Lab Sample ID: 460-326877-12

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	370		46	46	mg/Kg	2500	☼	8015D	Total/NA
C10-C44	61		9.3	0.58	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: A1_0-5_20250519 — Lab Sample ID: 460-327048-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.025	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.040	J	0.35	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.12		0.035	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.12		0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.14		0.035	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.10	J	0.35	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.055		0.035	0.0069	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.021	J	0.35	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11	J	0.35	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.019	J	0.035	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.016	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.26	J	0.35	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.086		0.035	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0069	J	0.35	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.24	J	0.35	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.20	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Aluminum	10200		17.2	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.49	J	0.86	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.8		0.86	0.089	mg/Kg	1	☼	6020B	Total/NA
Barium	113		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.52		0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Boron	5.1	J	34.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.32	J	0.86	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	55600		86.0	8.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.8		1.7	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	27.4		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	16400		51.6	6.6	mg/Kg	1	☼	6020B	Total/NA
Lead	143		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	15100		86.0	8.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	300		3.4	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.5		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	2280		86.0	13.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	576		86.0	39.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Tin	6.2	J	6.9	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.2		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	146	B	6.9	0.94	mg/Kg	1	☼	6020B	Total/NA
Barium	650		40.0	9.1	ug/L	10		6020B	TCLP

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: A1_0-5_20250519 (Continued)
Lab Sample ID: 460-327048-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	41.2		12.0	8.4	ug/L	10		6020B	TCLP
Mercury	0.15		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	9.6	HF			SU	1		9045D	Total/NA
Temperature	21.9	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.6	HF			SU	1		9045D	Total/NA

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.015	J	0.034	0.0092	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.022	J	0.034	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.015	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0099	J	0.034	0.0068	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.019	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.013	J	0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.018	J	0.34	0.0086	mg/Kg	1	☼	8270E	Total/NA
Aluminum	12200		15.6	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.56	J	0.78	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.5		0.78	0.081	mg/Kg	1	☼	6020B	Total/NA
Barium	58.4		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.71		0.31	0.017	mg/Kg	1	☼	6020B	Total/NA
Boron	4.6	J	31.3	1.7	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.21	J	0.78	0.088	mg/Kg	1	☼	6020B	Total/NA
Calcium	76700		78.2	7.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	21.1		1.6	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.3		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	20.3		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	18800		46.9	6.0	mg/Kg	1	☼	6020B	Total/NA
Lead	174		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8070		78.2	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	370		3.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.8		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	1790		78.2	12.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.11	J	0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	1150		78.2	35.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.14	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Tin	11.1		6.3	0.95	mg/Kg	1	☼	6020B	Total/NA
Vanadium	27.7		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	125	B	6.3	0.85	mg/Kg	1	☼	6020B	Total/NA
Barium	686		40.0	9.1	ug/L	10		6020B	TCLP
Cadmium	3.2	J	9.2	2.9	ug/L	10		6020B	TCLP
Lead	53.5		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	10.2	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	309		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.14		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA
pH	11.0	HF			SU	1		9045D	Total/NA
Temperature	21.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	11.0	HF			SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A1_10-15_20250519 — Lab Sample ID: 460-327048-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	16900		16.6	4.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.15	J	0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.8		0.83	0.085	mg/Kg	1	☼	6020B	Total/NA
Barium	47.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	3.7	J	33.1	1.8	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.83	0.094	mg/Kg	1	☼	6020B	Total/NA
Calcium	25300		82.8	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	26.6		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	20.1		1.7	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	21400		49.7	6.3	mg/Kg	1	☼	6020B	Total/NA
Lead	29.5		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8440		82.8	8.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	457		3.3	0.33	mg/Kg	1	☼	6020B	Total/NA
Nickel	20.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1130		82.8	13.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	947		82.8	37.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.18	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Tin	4.3	J	6.6	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.5		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	67.8	B	6.6	0.90	mg/Kg	1	☼	6020B	Total/NA
Barium	543		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	9.1	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.017	J	0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA
pH	10.7	HF			SU	1		9045D	Total/NA
Temperature	21.8	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.7	HF			SU	1		9045D	Total/NA

Client Sample ID: A1_3-5_20250519 — Lab Sample ID: 460-327048-4

No Detections.

Client Sample ID: A1_8-10_20250519 — Lab Sample ID: 460-327048-5

No Detections.

Client Sample ID: A1_13-15_20250519 — Lab Sample ID: 460-327048-6

No Detections.

Client Sample ID: B1_0-5_20250519 — Lab Sample ID: 460-327048-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.017	J	0.040	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.022	J	0.040	0.010	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.017	J	0.40	0.017	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.033	J	0.40	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.022	J	0.40	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.029	J	0.40	0.0099	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6880		18.3	5.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.17	J	0.91	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.9		0.91	0.094	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B1_0-5_20250519 (Continued)

Lab Sample ID: 460-327048-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	62.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.37	0.020	mg/Kg	1	☼	6020B	Total/NA
Boron	2.9	J	36.6	2.0	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.91	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	15300		91.4	8.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	19.9		1.8	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.9		1.8	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	17.5		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	15000		54.8	7.0	mg/Kg	1	☼	6020B	Total/NA
Lead	45.0		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5580		91.4	9.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	228		3.7	0.37	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.7		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	1450		91.4	14.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	221		91.4	41.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.37	0.037	mg/Kg	1	☼	6020B	Total/NA
Tin	1.3	J	7.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.1		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	62.1	B	7.3	1.0	mg/Kg	1	☼	6020B	Total/NA
Barium	561		40.0	9.1	ug/L	10		6020B	TCLP
Copper	27.0	J	40.0	24.5	ug/L	10		6020B	TCLP
Lead	23.2		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	9.2	J	40.0	9.1	ug/L	10		6020B	TCLP
Zinc	110	J	160	65.2	ug/L	10		6020B	TCLP
Mercury	0.039		0.020	0.0096	mg/Kg	1	☼	7471B	Total/NA
pH	11.1	HF			SU	1		9045D	Total/NA
Temperature	22.3	HF			Degrees C	1		9045D	Total/NA
Corrosivity	11.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B1_5-10_20250519

Lab Sample ID: 460-327048-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11300		15.9	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	2.2		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.9		0.79	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	107		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.65		0.32	0.017	mg/Kg	1	☼	6020B	Total/NA
Boron	7.5	J	31.7	1.7	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.096	J	0.79	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	3480		79.3	7.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	31.0		1.6	0.24	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	22.8		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	28900		47.6	6.1	mg/Kg	1	☼	6020B	Total/NA
Lead	10.8		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5850		79.3	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	902		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	41.0		1.6	0.14	mg/Kg	1	☼	6020B	Total/NA
Potassium	2980		79.3	12.8	mg/Kg	1	☼	6020B	Total/NA
Sodium	257		79.3	36.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.23	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B1_5-10_20250519 (Continued) — Lab Sample ID: 460-327048-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	41.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	56.6	B	6.3	0.86	mg/Kg	1	☼	6020B	Total/NA
Barium	444		40.0	9.1	ug/L	10		6020B	TCLP
Copper	24.7	J	40.0	24.5	ug/L	10		6020B	TCLP
Nickel	32.4	J	40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.96		0.047	0.022	mg/Kg	3	☼	7471B	Total/NA
pH	9.3	HF			SU	1		9045D	Total/NA
Temperature	21.5	HF			Degrees C	1		9045D	Total/NA
Corrosivity	9.3	HF			SU	1		9045D	Total/NA

Client Sample ID: B1_10-15_20250519 — Lab Sample ID: 460-327048-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	12100		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	8.6		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.1		0.83	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	106		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.6		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	27.1	J	33.4	1.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	16900		83.4	8.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	30.6		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	13.0		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	23.5		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	31600		50.0	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	22.8		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6670		83.4	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	392		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	37.7		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	4180		83.4	13.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.13	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	408		83.4	38.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.32	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Tin	2.2	J	6.7	1.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	43.0		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	101	B	6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Barium	442		40.0	9.1	ug/L	10		6020B	TCLP
Nickel	42.8		40.0	9.1	ug/L	10		6020B	TCLP
Mercury	0.14		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA
pH	11.6	HF			SU	1		9045D	Total/NA
Temperature	22.6	HF			Degrees C	1		9045D	Total/NA
Corrosivity	11.6	HF			SU	1		9045D	Total/NA

Client Sample ID: B1_15-20_20250519 — Lab Sample ID: 460-327048-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6270		16.6	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	3.1		0.83	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.1		0.83	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	41.7		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.3		0.33	0.018	mg/Kg	1	☼	6020B	Total/NA
Boron	9.3	J	33.3	1.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	11700		83.2	8.1	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B1_15-20_20250519 (Continued) — Lab Sample ID: 460-327048-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	29.4		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.1		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	17.5		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	30900		49.9	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	14.2		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5290		83.2	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	518		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	23.4		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1710		83.2	13.5	mg/Kg	1	☼	6020B	Total/NA
Sodium	224		83.2	38.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.28	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.1		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	72.4	B	6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Barium	340		40.0	9.1	ug/L	10		6020B	TCLP
Copper	37.0	J	40.0	24.5	ug/L	10		6020B	TCLP
Lead	50.2		12.0	8.4	ug/L	10		6020B	TCLP
Nickel	41.3		40.0	9.1	ug/L	10		6020B	TCLP
Zinc	208		160	65.2	ug/L	10		6020B	TCLP
Mercury	0.36		0.20	0.091	ug/L	1		7470A	TCLP
Mercury	0.32		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA
pH	10.1	HF			SU	1		9045D	Total/NA
Temperature	22.1	HF			Degrees C	1		9045D	Total/NA
Corrosivity	10.1	HF			SU	1		9045D	Total/NA

Client Sample ID: B1_3-5_20250519 — Lab Sample ID: 460-327048-11

No Detections.

Client Sample ID: B1_5-7_20250519 — Lab Sample ID: 460-327048-12

No Detections.

Client Sample ID: B1_17-19_20250519 — Lab Sample ID: 460-327048-13

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	2.0		1.3	1.3	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: B2_17-19_20250519 — Lab Sample ID: 460-327048-14

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
GRO	1000		98	98	mg/Kg	5000	☼	8015D	Total/NA

Client Sample ID: B1_13-15_20250519 — Lab Sample ID: 460-327048-15

No Detections.

This Detection Summary does not include radiochemical test results.

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_0-5_20250520
Lab Sample ID: 460-326691-1
Date Collected: 05/20/25 09:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
1,2-Diphenylhydrazine	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzidine	0.37	U	0.37	0.077	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[a]pyrene	**0.023**	**J**	0.037	0.0098	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[b]fluoranthene	**0.029**	**J**	0.037	0.0096	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[g,h,i]perylene	**0.019**	**J**	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Benzo[k]fluoranthene	**0.014**	**J**	0.037	0.0072	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Chrysene	**0.020**	**J**	0.37	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Dibenz(a,h)anthracene	**0.023**	**J**	0.037	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1

Client Sample ID: B2_0-5_20250520
Date Collected: 05/20/25 09:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-1
Matrix: Solid
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Fluoranthene	**0.037**	**J**	0.37	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Indeno[1,2,3-cd]pyrene	**0.034**	**J**	0.037	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Phenanthrene	**0.015**	**J**	0.37	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Pyrene	**0.031**	**J**	0.37	0.0092	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1
Pyridine	0.37	U	0.37	0.053	mg/Kg	☼	05/29/25 20:32	05/30/25 13:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 13:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*05/29/25 20:32*	*05/30/25 13:52*	*1*
Terphenyl-d14 (Surr)	*69*		*33 - 124*	*05/29/25 20:32*	*05/30/25 13:52*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
4,4'-DDE	0.0075	U	0.0075	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1

Client Sample ID: B2_0-5_20250520
Lab Sample ID: 460-326691-1

Date Collected: 05/20/25 09:00
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Endrin ketone	0.0075	U	0.0075	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1
trans-Chlordane	0.0075	U	0.0075	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*17 - 150*	*05/30/25 10:27*	*05/31/25 12:39*	*1*
DCB Decachlorobiphenyl	*75*		*17 - 150*	*05/30/25 10:27*	*05/31/25 12:39*	*1*
Tetrachloro-m-xylene	*73*		*21 - 150*	*05/30/25 10:27*	*05/31/25 12:39*	*1*
Tetrachloro-m-xylene	*76*		*21 - 150*	*05/30/25 10:27*	*05/31/25 12:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:20	05/30/25 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:57*	*1*
DCB Decachlorobiphenyl	*108*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:57*	*1*
Tetrachloro-m-xylene	*104*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:57*	*1*
Tetrachloro-m-xylene	*98*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:57*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0079	mg/Kg	☼	05/30/25 05:32	05/30/25 21:39	1
2,4-D	0.037	U	0.037	0.014	mg/Kg	☼	05/30/25 05:32	05/30/25 21:39	1
Silvex (2,4,5-TP)	0.037	U *	0.037	0.0039	mg/Kg	☼	05/30/25 05:32	05/30/25 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*181*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 21:39*	*1*
2,4-Dichlorophenylacetic acid	*160*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 21:39*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**220**		16	16	mg/Kg	☼	05/30/25 09:49	05/30/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*58*		*40 - 140*	*05/30/25 09:49*	*05/30/25 20:46*	*1*
1-Chlorooctadecane	*64*		*40 - 140*	*05/30/25 09:49*	*05/30/25 20:46*	*1*

Client Sample ID: B2_0-5_20250520

Date Collected: 05/20/25 09:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-1

Matrix: Solid
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12500**		17.4	4.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Antimony	**0.57**	**J**	0.87	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Arsenic	**2.9**		0.87	0.090	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Barium	**55.9**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Beryllium	**0.41**		0.35	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Boron	**5.9**	**J**	34.9	1.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Cadmium	**0.12**	**J**	0.87	0.099	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Calcium	**30200**		87.2	8.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Chromium	**20.8**		1.7	0.26	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Cobalt	**7.8**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Copper	**23.1**		1.7	0.32	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Iron	**17300**		52.3	6.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Lead	**42.5**		0.52	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Magnesium	**6760**		87.2	8.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Manganese	**325**		3.5	0.35	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Nickel	**16.0**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Potassium	**1280**		87.2	14.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Selenium	**0.14**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Silver	0.35	U	0.35	0.078	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Sodium	**597**		87.2	39.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Thallium	**0.089**	**J**	0.35	0.036	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Tin	**2.0**	**J**	7.0	1.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Vanadium	**24.9**		1.7	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	1
Zinc	**76.1**		7.0	0.95	mg/Kg	☼	05/30/25 19:35	05/31/25 16:53	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		06/02/25 12:34	06/02/25 17:16	10
Barium	**427**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:16	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:16	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:16	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:16	10
Lead	**12.5**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:16	10
Nickel	**10.7**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:16	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:16	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:16	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:16	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		06/03/25 10:29	06/03/25 15:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.017	0.0079	mg/Kg	☼	05/30/25 00:43	05/30/25 04:08	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:18	1
Temperature (SW846 9045D)	**21.8**	**HF**			Degrees C			05/30/25 14:18	1

Client Sample ID: B2_0-5_20250520
Lab Sample ID: 460-326691-1

Date Collected: 05/20/25 09:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 89.5

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:18	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.94	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.26	U	0.26	0.14	mg/Kg	☼	05/30/25 20:58	06/01/25 20:41	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**89.5**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2

Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2
Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzidine	0.36	U	0.36	0.076	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0094	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[g,h,i]perylene	**0.017**	**J**	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Indeno[1,2,3-cd]pyrene	**0.023**	**J**	0.036	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1
Pyridine	0.36	U	0.36	0.052	mg/Kg	☼	05/29/25 20:32	05/30/25 12:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 12:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*18 - 137*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
2-Fluorophenol (Surr)	*55*		*24 - 120*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 120*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*05/29/25 20:32*	*05/30/25 12:25*	*1*
Terphenyl-d14 (Surr)	*59*		*33 - 124*	*05/29/25 20:32*	*05/30/25 12:25*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2
Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*17 - 150*	*05/30/25 10:27*	*05/31/25 12:52*	*1*
DCB Decachlorobiphenyl	*85*		*17 - 150*	*05/30/25 10:27*	*05/31/25 12:52*	*1*
Tetrachloro-m-xylene	*80*		*21 - 150*	*05/30/25 10:27*	*05/31/25 12:52*	*1*
Tetrachloro-m-xylene	*94*		*21 - 150*	*05/30/25 10:27*	*05/31/25 12:52*	*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	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*139*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:13*	*1*
DCB Decachlorobiphenyl	*134*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:13*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:13*	*1*
Tetrachloro-m-xylene	*113*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:13*	*1*

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2

Date Collected: 05/20/25 09:05
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 91.2

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	05/30/25 05:32	05/30/25 21:58	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 21:58	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0038	mg/Kg	☼	05/30/25 05:32	05/30/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*194*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 21:58*	*1*
2,4-Dichlorophenylacetic acid	*159*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 21:58*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**470**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:00*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		16.1	4.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Antimony	**0.19**	**J**	0.81	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Arsenic	**2.2**		0.81	0.083	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Barium	**57.8**		1.6	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Beryllium	**0.64**		0.32	0.018	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Boron	**3.1**	**J**	32.2	1.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Cadmium	**0.29**	**J**	0.81	0.091	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Calcium	**7160**		80.6	7.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Chromium	**22.3**		1.6	0.24	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Cobalt	**7.7**		1.6	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Copper	**17.3**		1.6	0.30	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Iron	**20400**		48.4	6.2	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Lead	**37.0**		0.48	0.16	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Magnesium	**4880**		80.6	8.2	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Manganese	**410**		3.2	0.32	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Nickel	**17.8**		1.6	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Potassium	**1450**		80.6	13.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Selenium	**0.14**	**J**	1.0	0.10	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Silver	0.32	U	0.32	0.072	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Sodium	**265**		80.6	36.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Thallium	**0.13**	**J**	0.32	0.033	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Tin	**1.1**	**J**	6.4	0.98	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Vanadium	**28.4**		1.6	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:22	1
Zinc	**70.1**		6.4	0.88	mg/Kg	☼	05/30/25 19:35	05/31/25 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		06/02/25 12:34	06/02/25 17:18	10
Barium	**654**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:18	10
Cadmium	**8.5**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:18	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:18	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:18	10
Lead	**55.7**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:18	10

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2
Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**31.8**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:18	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:18	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:18	10
Zinc	**595**		160	65.2	ug/L		06/02/25 12:34	06/02/25 17:18	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		06/03/25 10:29	06/03/25 15:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.017	0.0080	mg/Kg	☼	05/30/25 00:43	05/30/25 04:10	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:20	1
Temperature (SW846 9045D)	**21.6**	**HF**			Degrees C			05/30/25 14:20	1
Corrosivity (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:20	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.12	mg/Kg	☼	05/30/25 20:58	06/01/25 20:44	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3
Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3
Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzidine	0.36	U	0.36	0.076	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0093	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[g,h,i]perylene	**0.028**	**J**	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Fluoranthene	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Indeno[1,2,3-cd]pyrene	**0.026**	**J**	0.036	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1

Client Sample ID: B2_10-15_20250520

Date Collected: 05/20/25 09:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-3

Matrix: Solid
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Pyrene	0.36	U	0.36	0.0090	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/29/25 20:32	05/30/25 15:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 15:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
2-Fluorobiphenyl	*55*		*33 - 117*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 120*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
Phenol-d5 (Surr)	*53*		*28 - 118*	*05/29/25 20:32*	*05/30/25 15:02*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*05/29/25 20:32*	*05/30/25 15:02*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:05*	*1*
DCB Decachlorobiphenyl	*88*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:05*	*1*
Tetrachloro-m-xylene	*75*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:05*	*1*
Tetrachloro-m-xylene	*81*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:05*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3
Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.1

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	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:30*	*1*
DCB Decachlorobiphenyl	*112*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:30*	*1*
Tetrachloro-m-xylene	*109*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:30*	*1*
Tetrachloro-m-xylene	*102*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:30*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0078	mg/Kg	☼	05/30/25 05:32	05/30/25 22:16	1
2,4-D	0.037	U	0.037	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 22:16	1
Silvex (2,4,5-TP)	0.037	U *	0.037	0.0038	mg/Kg	☼	05/30/25 05:32	05/30/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*458*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:16*	*1*
2,4-Dichlorophenylacetic acid	*242*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:16*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**78**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:14*	*1*
1-Chlorooctadecane	*102*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8780**		17.0	4.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Antimony	**0.28**	**J**	0.85	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Arsenic	**1.3**		0.85	0.088	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Barium	**48.1**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Beryllium	**0.94**		0.34	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Boron	**3.0**	**J**	34.0	1.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Cadmium	**0.11**	**J**	0.85	0.096	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Calcium	**61800**		85.1	8.3	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Chromium	**21.8**		1.7	0.25	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Cobalt	**8.3**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Copper	**19.4**		1.7	0.31	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Iron	**29400**		51.0	6.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Lead	**22.3**		0.51	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Magnesium	**8760**		85.1	8.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3

Date Collected: 05/20/25 09:10
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**643**		3.4	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Nickel	**19.6**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Potassium	**1990**		85.1	13.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Silver	0.34	U	0.34	0.076	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Sodium	**332**		85.1	38.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Thallium	**0.13**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Tin	**1.6**	**J**	6.8	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Vanadium	**36.9**		1.7	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	1
Zinc	**70.6**		6.8	0.93	mg/Kg	☼	05/30/25 19:35	05/31/25 16:25	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		06/02/25 12:34	06/02/25 17:21	10
Barium	**747**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:21	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:21	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:21	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:21	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:21	10
Nickel	**33.8**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:21	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:21	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:21	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:21	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		06/03/25 10:29	06/03/25 15:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**	**J**	0.017	0.0079	mg/Kg	☼	05/30/25 00:43	05/30/25 04:11	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.9**	**HF**			SU			05/30/25 14:22	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/30/25 14:22	1
Corrosivity (SW846 9045D)	**9.9**	**HF**			SU			05/30/25 14:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.91	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.14	mg/Kg	☼	05/30/25 20:58	06/01/25 20:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**8.9**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**91.1**		1.0	1.0	%			05/29/25 20:13	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
1,2,4,5-Tetrachlorobenzene	0.42	U	0.42	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
1,2-Diphenylhydrazine	0.42	U	0.42	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
1,4-Dioxane	0.042	U	0.042	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,2'-oxybis[1-chloropropane]	0.42	U	0.42	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,3,4,6-Tetrachlorophenol	0.42	U	0.42	0.028	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4,5-Trichlorophenol	0.42	U	0.42	0.043	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4,6-Trichlorophenol	0.17	U	0.17	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4-Dichlorophenol	0.17	U	0.17	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4-Dimethylphenol	0.42	U	0.42	0.050	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4-Dinitrophenol	0.34	U	0.34	0.21	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,4-Dinitrotoluene	0.085	U	0.085	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2,6-Dinitrotoluene	0.085	U	0.085	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Chloronaphthalene	0.42	U	0.42	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Chlorophenol	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Methylnaphthalene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Methylphenol	0.42	U	0.42	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Nitroaniline	0.42	U	0.42	0.032	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
2-Nitrophenol	0.42	U	0.42	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
3,3'-Dichlorobenzidine	0.17	U	0.17	0.063	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
3-Nitroaniline	0.42	U	0.42	0.099	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4,6-Dinitro-2-methylphenol	0.34	U	0.34	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Bromophenyl phenyl ether	0.42	U	0.42	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Chloro-3-methylphenol	0.42	U	0.42	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Chloroaniline	0.42	U	0.42	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Chlorophenyl phenyl ether	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Methylphenol	0.42	U	0.42	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Nitroaniline	0.42	U	0.42	0.11	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
4-Nitrophenol	0.85	U	0.85	0.068	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Acenaphthene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Acenaphthylene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Acetophenone	0.42	U	0.42	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Anthracene	0.42	U	0.42	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Atrazine	0.17	U *	0.17	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzaldehyde	0.42	U	0.42	0.069	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzidine	0.42	U	0.42	0.088	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[a]anthracene	0.042	U	0.042	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[a]pyrene	0.042	U	0.042	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[b]fluoranthene	0.042	U	0.042	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[g,h,i]perylene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Benzo[k]fluoranthene	0.042	U	0.042	0.0082	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Bis(2-chloroethoxy)methane	0.42	U	0.42	0.077	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Bis(2-chloroethyl)ether	0.042	U	0.042	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Bis(2-ethylhexyl) phthalate	0.42	U	0.42	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Butyl benzyl phthalate	0.42	U	0.42	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Caprolactam	0.42	U	0.42	0.065	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Carbazole	0.42	U	0.42	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Chrysene	0.42	U	0.42	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Dibenz(a,h)anthracene	0.042	U	0.042	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1

Client Sample ID: B2_15-20_20250520
Date Collected: 05/20/25 09:15
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-4
Matrix: Solid
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.42	U	0.42	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Diethyl phthalate	0.42	U	0.42	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Dimethyl phthalate	0.42	U	0.42	0.095	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Di-n-butyl phthalate	0.42	U	0.42	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Di-n-octyl phthalate	0.42	U	0.42	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Fluoranthene	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Fluorene	0.42	U	0.42	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Hexachlorobenzene	0.042	U	0.042	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Hexachlorobutadiene	0.085	U	0.085	0.0089	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Hexachlorocyclopentadiene	0.42	U	0.42	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Hexachloroethane	0.042	U	0.042	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Indeno[1,2,3-cd]pyrene	0.042	U	0.042	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Isophorone	0.17	U	0.17	0.12	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Naphthalene	0.42	U	0.42	0.0072	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Nitrobenzene	0.042	U	0.042	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
N-Nitrosodi-n-propylamine	0.042	U	0.042	0.030	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
N-Nitrosodiphenylamine	0.42	U	0.42	0.034	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Pentachlorophenol	0.34	U	0.34	0.086	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Phenanthrene	0.42	U	0.42	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Phenol	0.42	U	0.42	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Pyrene	0.42	U	0.42	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1
Pyridine	0.42	U	0.42	0.060	mg/Kg	☼	05/29/25 20:32	05/30/25 15:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 15:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*05/29/25 20:32*	*05/30/25 15:20*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*05/29/25 20:32*	*05/30/25 15:20*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0085	U	0.0085	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
4,4'-DDE	0.0085	U	0.0085	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
4,4'-DDT	0.0085	U	0.0085	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Aldrin	0.0085	U	0.0085	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
alpha-BHC	0.0025	U	0.0025	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
beta-BHC	0.0025	U	0.0025	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Chlordane (technical)	0.085	U	0.085	0.021	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
cis-Chlordane	0.0085	U	0.0085	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
delta-BHC	0.0025	U	0.0025	0.00052	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Dieldrin	0.0025	U	0.0025	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endosulfan I	0.0085	U	0.0085	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endosulfan II	0.0085	U	0.0085	0.0022	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endosulfan sulfate	0.0085	U	0.0085	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endrin	0.0085	U	0.0085	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4

Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0085	U	0.0085	0.0020	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Endrin ketone	0.0085	U	0.0085	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
gamma-BHC (Lindane)	0.0025	U	0.0025	0.00079	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Heptachlor	0.0085	U	0.0085	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Heptachlor epoxide	0.0085	U	0.0085	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Methoxychlor	0.0085	U	0.0085	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
Toxaphene	0.085	U	0.085	0.031	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1
trans-Chlordane	0.0085	U	0.0085	0.0015	mg/Kg	☼	05/30/25 10:27	05/31/25 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:18*	*1*
DCB Decachlorobiphenyl	*88*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:18*	*1*
Tetrachloro-m-xylene	*72*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:18*	*1*
Tetrachloro-m-xylene	*78*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1221	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1232	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1242	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1248	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1254	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1260	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor 1268	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Aroclor-1262	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1
Polychlorinated biphenyls, Total	0.085	U	0.085	0.023	mg/Kg	☼	05/30/25 10:20	05/30/25 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:47*	*1*
DCB Decachlorobiphenyl	*111*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:47*	*1*
Tetrachloro-m-xylene	*111*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:47*	*1*
Tetrachloro-m-xylene	*98*		*20 - 150*	*05/30/25 10:20*	*05/30/25 21:47*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.042	U	0.042	0.0090	mg/Kg	☼	05/30/25 05:32	05/30/25 22:35	1
2,4-D	0.042	U	0.042	0.015	mg/Kg	☼	05/30/25 05:32	05/30/25 22:35	1
Silvex (2,4,5-TP)	0.042	U *	0.042	0.0044	mg/Kg	☼	05/30/25 05:32	05/30/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*2502*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:35*	*1*
2,4-Dichlorophenylacetic acid	*383*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:35*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**43**		18	18	mg/Kg	☼	05/30/25 09:49	05/30/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:28*	*1*
1-Chlorooctadecane	*97*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:28*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11200		18.7	5.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Antimony	0.21	J	0.93	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Arsenic	2.0		0.93	0.096	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Barium	67.1		1.9	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Beryllium	1.7		0.37	0.021	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Boron	3.4	J	37.3	2.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Cadmium	0.15	J	0.93	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Calcium	9430		93.3	9.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Chromium	28.4		1.9	0.28	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Cobalt	15.1		1.9	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Copper	23.0		1.9	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Iron	25100		56.0	7.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Lead	42.1		0.56	0.19	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Magnesium	6450		93.3	9.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Manganese	515		3.7	0.38	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Nickel	30.9		1.9	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Potassium	2160		93.3	15.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Selenium	1.2	U	1.2	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Silver	0.37	U	0.37	0.083	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Sodium	419		93.3	42.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Thallium	0.25	J	0.37	0.038	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Tin	2.5	J	7.5	1.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Vanadium	41.2		1.9	0.19	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	1
Zinc	124		7.5	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:28	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		06/02/25 12:34	06/02/25 17:29	10
Barium	802		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:29	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:29	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:29	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:29	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:29	10
Nickel	145		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:29	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:29	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:29	10
Zinc	135	J	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:29	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		06/03/25 10:29	06/03/25 15:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.0091	mg/Kg	☼	05/30/25 00:43	05/30/25 04:13	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	10.3	HF			SU			05/30/25 14:24	1
Temperature (SW846 9045D)	21.4	HF			Degrees C			05/30/25 14:24	1

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.3**	**HF**			SU			05/30/25 14:24	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.5	U	2.5	1.1	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 20:46	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.7	U	24.7	24.7	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**21.2**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**78.8**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2-2_3-5_20250520
Lab Sample ID: 460-326691-5
Date Collected: 05/20/25 08:45
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 97.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.98	U	0.98	0.98	mg/Kg	☼	05/30/25 10:02	05/30/25 11:05	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*124*		*75 - 150*	*05/30/25 10:02*	*05/30/25 11:05*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**670**		44	2.8	mg/Kg	☼	05/30/25 08:36	05/30/25 17:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*66*		*10 - 150*	*05/30/25 08:36*	*05/30/25 17:48*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2-2_8-10_20250520
Lab Sample ID: 460-326691-6
Date Collected: 05/20/25 08:50
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 96.0

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.0	U	1.0	1.0	mg/Kg	☼	05/30/25 10:02	05/30/25 11:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*113*		*75 - 150*	*05/30/25 10:02*	*05/30/25 11:32*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**100**		9.0	0.57	mg/Kg	☼	05/30/25 08:36	05/30/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*64*		*10 - 150*	*05/30/25 08:36*	*05/30/25 18:07*	*1*

Client Sample ID: B2-2_8-10_20250520
Lab Sample ID: 460-326691-6

Date Collected: 05/20/25 08:50
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 96.0

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.0		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	96.0		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B2-2_13-15_20250520
Lab Sample ID: 460-326691-7

Date Collected: 05/20/25 08:55
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 95.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	3.3	U	3.3	3.3	mg/Kg	☼	05/30/25 10:02	05/30/25 11:58	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*115*		*75 - 150*	*05/30/25 10:02*	*05/30/25 11:58*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	30		9.1	0.57	mg/Kg	☼	05/30/25 08:36	05/30/25 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*82*		*10 - 150*	*05/30/25 08:36*	*05/30/25 18:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.4		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	95.6		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2_0-5_20250520
Lab Sample ID: 460-326691-8

Date Collected: 05/20/25 12:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.021	J	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Methylnaphthalene	0.061	J	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A2_0-5_20250520
Lab Sample ID: 460-326691-8
Date Collected: 05/20/25 12:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
4-Nitrophenol	0.73	U	0.73	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Acenaphthene	**0.12**	**J**	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Anthracene	**0.43**		0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzidine	0.36	U	0.36	0.075	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[a]anthracene	**0.52**		0.036	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[a]pyrene	**0.47**		0.036	0.0096	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[b]fluoranthene	**0.65**		0.036	0.0093	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[g,h,i]perylene	**0.31**	**J**	0.36	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Benzo[k]fluoranthene	**0.24**		0.036	0.0070	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Carbazole	**0.16**	**J**	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Chrysene	**0.53**		0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Dibenz(a,h)anthracene	**0.068**		0.036	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Dibenzofuran	**0.13**	**J**	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Fluoranthene	**1.7**		0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Fluorene	**0.12**	**J**	0.36	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Indeno[1,2,3-cd]pyrene	**0.35**		0.036	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Naphthalene	**0.12**	**J**	0.36	0.0062	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Phenanthrene	**1.8**		0.36	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1

Client Sample ID: A2_0-5_20250520

Date Collected: 05/20/25 12:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-8

Matrix: Solid
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Pyrene	**1.1**		0.36	0.0089	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/29/25 20:32	05/30/25 13:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 13:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 137*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
2-Fluorophenol (Surr)	*53*		*24 - 120*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*05/29/25 20:32*	*05/30/25 13:00*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*05/29/25 20:32*	*05/30/25 13:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
4,4'-DDT	**0.0033**	**J**	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endosulfan sulfate	0.0073	U	0.0073	0.00092	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:31*	*1*
DCB Decachlorobiphenyl	*91*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:31*	*1*
Tetrachloro-m-xylene	*81*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:31*	*1*
Tetrachloro-m-xylene	*82*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:31*	*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	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1

Client Sample ID: A2_0-5_20250520
Lab Sample ID: 460-326691-8

Date Collected: 05/20/25 12:00
Matrix: Solid
Date Received: 05/20/25 17:00
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 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:04*	*1*
DCB Decachlorobiphenyl	*122*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:04*	*1*
Tetrachloro-m-xylene	*111*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:04*	*1*
Tetrachloro-m-xylene	*105*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:04*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	05/30/25 05:32	05/30/25 22:54	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 22:54	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0038	mg/Kg	☼	05/30/25 05:32	05/30/25 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*160*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:54*	*1*
2,4-Dichlorophenylacetic acid	*163*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 22:54*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**66**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:42*	*1*
1-Chlorooctadecane	*102*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10400**		17.4	4.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Antimony	**0.95**		0.87	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Arsenic	**2.9**		0.87	0.089	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Barium	**110**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Beryllium	**0.49**		0.35	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Boron	**4.9**	**J**	34.7	1.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Cadmium	**0.43**	**J**	0.87	0.098	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Calcium	**27300**		86.8	8.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Chromium	**18.4**		1.7	0.26	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Cobalt	**7.1**		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Copper	**26.4**		1.7	0.32	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Iron	**18300**		52.1	6.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Lead	**150**		0.52	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Magnesium	**6770**		86.8	8.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Manganese	**318**		3.5	0.35	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Nickel	**15.3**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Potassium	**1570**		86.8	14.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1

Client Sample ID: A2_0-5_20250520
Lab Sample ID: 460-326691-8
Date Collected: 05/20/25 12:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.26**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Silver	0.35	U	0.35	0.077	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Sodium	**547**		86.8	39.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Thallium	**0.13**	**J**	0.35	0.036	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Tin	**8.8**		6.9	1.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Vanadium	**29.2**		1.7	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	1
Zinc	**174**		6.9	0.95	mg/Kg	☼	05/30/25 19:35	05/31/25 16:31	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		06/02/25 12:34	06/02/25 17:32	10
Barium	**598**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:32	10
Cadmium	**4.4**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:32	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:32	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:32	10
Lead	**189**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:32	10
Nickel	**9.1**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:32	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:32	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:32	10
Zinc	**121**	**J**	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:32	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		06/03/25 10:29	06/03/25 15:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.017	0.0078	mg/Kg	☼	05/30/25 00:43	05/30/25 04:01	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.5**	**HF**			SU			05/30/25 14:26	1
Temperature (SW846 9045D)	**21.3**	**HF**			Degrees C			05/30/25 14:26	1
Corrosivity (SW846 9045D)	**10.5**	**HF**			SU			05/30/25 14:26	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 20:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.7	U	24.7	24.7	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**8.6**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**91.4**		1.0	1.0	%			05/29/25 20:13	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A2_5-10_20250520
Lab Sample ID: 460-326691-9
Date Collected: 05/20/25 12:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Anthracene	**0.013**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzidine	0.35	U	0.35	0.073	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[a]anthracene	**0.045**		0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[a]pyrene	**0.039**		0.035	0.0093	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[b]fluoranthene	**0.047**		0.035	0.0090	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[g,h,i]perylene	**0.030**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Benzo[k]fluoranthene	**0.023**	**J**	0.035	0.0069	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Chrysene	**0.037**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Dibenz(a,h)anthracene	**0.022**	**J**	0.035	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1

Client Sample ID: A2_5-10_20250520

Date Collected: 05/20/25 12:05
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-9

Matrix: Solid
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Fluoranthene	**0.075**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Indeno[1,2,3-cd]pyrene	**0.040**		0.035	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Phenanthrene	**0.049**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Pyrene	**0.064**	**J**	0.35	0.0087	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:32	05/30/25 13:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 13:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
2-Fluorobiphenyl	*75*		*33 - 117*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
2-Fluorophenol (Surr)	*77*		*24 - 120*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
Phenol-d5 (Surr)	*75*		*28 - 118*	*05/29/25 20:32*	*05/30/25 13:18*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*05/29/25 20:32*	*05/30/25 13:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
4,4'-DDT	**0.0036**	**J**	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Dieldrin	**0.011**		0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1

Client Sample ID: A2_5-10_20250520
Lab Sample ID: 460-326691-9
Date Collected: 05/20/25 12:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1
trans-Chlordane	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*96*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:44*	*1*
DCB Decachlorobiphenyl	*105*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:44*	*1*
Tetrachloro-m-xylene	*94*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:44*	*1*
Tetrachloro-m-xylene	*103*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*143*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:20*	*1*
DCB Decachlorobiphenyl	*142*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:20*	*1*
Tetrachloro-m-xylene	*130*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:20*	*1*
Tetrachloro-m-xylene	*125*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:20*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U	0.035	0.0075	mg/Kg	☼	05/30/25 05:32	05/30/25 23:32	1
2,4-D	0.035	U	0.035	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 23:32	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0037	mg/Kg	☼	05/30/25 05:32	05/30/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*219*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 23:32*	*1*
2,4-Dichlorophenylacetic acid	*201*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 23:32*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**120**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*104*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:56*	*1*
1-Chlorooctadecane	*112*		*40 - 140*	*05/30/25 09:49*	*05/30/25 21:56*	*1*

Client Sample ID: A2_5-10_20250520

Date Collected: 05/20/25 12:05
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-9

Matrix: Solid
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9410**		16.7	4.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Antimony	**0.28**	**J**	0.83	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Arsenic	**2.2**		0.83	0.086	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Barium	**53.4**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Beryllium	**0.42**		0.33	0.018	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Boron	**6.1**	**J**	33.4	1.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Cadmium	**0.15**	**J**	0.83	0.094	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Calcium	**44500**		83.4	8.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Chromium	**31.0**		1.7	0.25	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Cobalt	**6.4**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Copper	**22.7**		1.7	0.31	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Iron	**15900**		50.0	6.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Lead	**190**		0.50	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Magnesium	**9530**		83.4	8.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Manganese	**241**		3.3	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Nickel	**13.9**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Potassium	**1820**		83.4	13.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Selenium	**0.13**	**J**	1.0	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Sodium	**532**		83.4	38.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Thallium	**0.12**	**J**	0.33	0.034	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Tin	**2.6**	**J**	6.7	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Vanadium	**27.8**		1.7	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	1
Zinc	**81.5**		6.7	0.91	mg/Kg	☼	05/30/25 19:35	05/31/25 16:39	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		06/02/25 12:34	06/02/25 17:35	10
Barium	**438**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:35	10
Cadmium	**2.9**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:35	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:35	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:35	10
Lead	**11.9**	**J**	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:35	10
Nickel	**10**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:35	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:35	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:35	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:35	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		06/03/25 10:29	06/03/25 15:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.018	0.0083	mg/Kg	☼	05/30/25 00:43	05/30/25 04:19	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.3**	**HF**			SU			05/30/25 14:28	1
Temperature (SW846 9045D)	**21.2**	**HF**			Degrees C			05/30/25 14:28	1

Client Sample ID: A2_5-10_20250520
Lab Sample ID: 460-326691-9

Date Collected: 05/20/25 12:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.7

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.3**	**HF**			SU			05/30/25 14:28	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 20:48	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.7	U	24.7	24.7	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10

Date Collected: 05/20/25 12:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Acenaphthene	**0.040**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10
Date Collected: 05/20/25 12:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.13**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[a]anthracene	**0.27**		0.035	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[a]pyrene	**0.24**		0.035	0.0094	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[b]fluoranthene	**0.35**		0.035	0.0092	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[g,h,i]perylene	**0.15**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Benzo[k]fluoranthene	**0.11**		0.035	0.0069	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Carbazole	**0.056**	**J**	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Chrysene	**0.27**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Dibenz(a,h)anthracene	**0.043**		0.035	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Dibenzofuran	**0.022**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Fluoranthene	**0.70**		0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Fluorene	**0.039**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Indeno[1,2,3-cd]pyrene	**0.17**		0.035	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Phenanthrene	**0.55**		0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Pyrene	**0.52**		0.35	0.0088	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1
Pyridine	0.35	U	0.35	0.051	mg/Kg	☼	05/29/25 20:32	05/30/25 13:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 13:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*05/29/25 20:32*	*05/30/25 13:35*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*05/29/25 20:32*	*05/30/25 13:35*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10
Date Collected: 05/20/25 12:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.0

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.0079**		0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
4,4'-DDE	**0.0046**	**J**	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
4,4'-DDT	**0.0037**	**J p**	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
cis-Chlordane	**0.0034**	**J**	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:57*	*1*
DCB Decachlorobiphenyl	*90*		*17 - 150*	*05/30/25 10:27*	*05/31/25 13:57*	*1*
Tetrachloro-m-xylene	*82*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:57*	*1*
Tetrachloro-m-xylene	*93*		*21 - 150*	*05/30/25 10:27*	*05/31/25 13:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:37*	*1*
DCB Decachlorobiphenyl	*109*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:37*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:37*	*1*
Tetrachloro-m-xylene	*102*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:37*	*1*

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10

Date Collected: 05/20/25 12:10
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 93.0

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	05/30/25 05:32	05/30/25 23:51	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/30/25 23:51	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 05:32	05/30/25 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*532*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 23:51*	*1*
2,4-Dichlorophenylacetic acid	*406*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 23:51*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**160**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*96*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:10*	*1*
1-Chlorooctadecane	*103*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17000**		15.9	4.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Antimony	**0.27**	**J**	0.80	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Arsenic	**1.6**		0.80	0.082	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Barium	**41.1**		1.6	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Beryllium	**1.1**		0.32	0.018	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Boron	**6.3**	**J**	31.9	1.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Cadmium	**0.57**	**J**	0.80	0.090	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Calcium	**36800**		79.7	7.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Chromium	**30.5**		1.6	0.24	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Cobalt	**9.0**		1.6	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Copper	**42.1**		1.6	0.29	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Iron	**22800**		47.8	6.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Lead	**45.4**		0.48	0.16	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Magnesium	**16100**		79.7	8.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Manganese	**349**		3.2	0.32	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Nickel	**19.0**		1.6	0.14	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Potassium	**2170**		79.7	12.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Selenium	**0.15**	**J**	1.0	0.10	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Silver	0.32	U	0.32	0.071	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Sodium	**1980**		79.7	36.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Thallium	**0.21**	**J**	0.32	0.033	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Tin	**4.1**	**J**	6.4	0.97	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Vanadium	**34.4**		1.6	0.16	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	1
Zinc	**82.3**		6.4	0.87	mg/Kg	☼	05/30/25 19:35	05/31/25 16:42	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		06/02/25 12:34	06/02/25 17:38	10
Barium	**381**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:38	10
Cadmium	**4.0**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:38	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:38	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:38	10
Lead	**21.1**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:38	10

Client Sample ID: A2_10-15_20250520
Lab Sample ID: 460-326691-10
Date Collected: 05/20/25 12:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**20.4**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:38	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:38	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:38	10
Zinc	**196**		160	65.2	ug/L		06/02/25 12:34	06/02/25 17:38	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		06/03/25 10:29	06/03/25 15:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.017	0.0079	mg/Kg	☼	05/30/25 00:43	05/30/25 04:20	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:30	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/30/25 14:30	1
Corrosivity (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:30	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 20:58	06/01/25 20:48	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.7	U	24.7	24.7	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2-3_3-5_20250520
Lab Sample ID: 460-326691-11
Date Collected: 05/20/25 11:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.0	U	1.0	1.0	mg/Kg	☼	05/30/25 10:03	05/30/25 12:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*82*		*75 - 150*	*05/30/25 10:03*	*05/30/25 12:25*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**590**		47	3.0	mg/Kg	☼	05/30/25 08:36	05/30/25 19:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*10 - 150*	*05/30/25 08:36*	*05/30/25 19:58*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2-3_10-12_20250520
Lab Sample ID: 460-326691-12
Date Collected: 05/20/25 11:35
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 97.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.90	U	0.90	0.90	mg/Kg	☼	05/30/25 10:03	05/30/25 12:51	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*75 - 150*	*05/30/25 10:03*	*05/30/25 12:51*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**30**		8.9	0.56	mg/Kg	☼	05/30/25 08:36	05/30/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*10 - 150*	*05/30/25 08:36*	*05/30/25 20:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**97.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A2-3_8-10_20250520
Lab Sample ID: 460-326691-13
Date Collected: 05/20/25 11:40
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.96	U	0.96	0.96	mg/Kg	☼	05/30/25 10:03	05/30/25 15:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*110*		*75 - 150*	*05/30/25 10:03*	*05/30/25 15:03*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**51**		9.5	0.60	mg/Kg	☼	05/30/25 08:36	05/30/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*10 - 150*	*05/30/25 08:36*	*05/30/25 16:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Acenaphthene	**0.010**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Acenaphthylene	**0.025**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Anthracene	**0.043**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[a]anthracene	**0.16**		0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[a]pyrene	**0.15**		0.035	0.0094	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[b]fluoranthene	**0.24**		0.035	0.0091	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[g,h,i]perylene	**0.099**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Benzo[k]fluoranthene	**0.072**		0.035	0.0069	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Chrysene	**0.20**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Dibenz(a,h)anthracene	**0.041**		0.035	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Fluoranthene	**0.40**		0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	**0.019**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Indeno[1,2,3-cd]pyrene	**0.12**		0.035	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Phenanthrene	**0.24**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Pyrene	**0.33**	**J**	0.35	0.0087	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:32	05/30/25 14:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 14:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*05/29/25 20:32*	*05/30/25 14:10*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*05/29/25 20:32*	*05/30/25 14:10*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1
trans-Chlordane	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:10*	*1*
DCB Decachlorobiphenyl	*95*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:10*	*1*
Tetrachloro-m-xylene	*85*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:10*	*1*
Tetrachloro-m-xylene	*95*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:20	05/30/25 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*135*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:54*	*1*
DCB Decachlorobiphenyl	*128*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:54*	*1*
Tetrachloro-m-xylene	*124*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:54*	*1*
Tetrachloro-m-xylene	*114*		*20 - 150*	*05/30/25 10:20*	*05/30/25 22:54*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U	0.035	0.0075	mg/Kg	☼	05/30/25 05:32	05/31/25 00:10	1
2,4-D	0.035	U	0.035	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 00:10	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0037	mg/Kg	☼	05/30/25 05:32	05/31/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*168*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 00:10*	*1*
2,4-Dichlorophenylacetic acid	*167*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 00:10*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**230**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:24*	*1*
1-Chlorooctadecane	*111*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8440**		17.1	4.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Antimony	**1.6**		0.85	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Arsenic	**3.3**		0.85	0.088	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14

Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Beryllium	0.51		0.34	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Boron	4.5	J	34.1	1.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Cadmium	0.38	J	0.85	0.096	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Calcium	39400		85.3	8.3	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Chromium	24.0		1.7	0.25	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Cobalt	6.6		1.7	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Copper	68.0		1.7	0.31	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Iron	16900		51.2	6.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Lead	221		0.51	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Magnesium	13000		85.3	8.7	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Manganese	390		3.4	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Nickel	15.6		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Potassium	1690		85.3	13.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Selenium	0.20	J	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Silver	0.086	J	0.34	0.076	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Sodium	403		85.3	39.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Thallium	0.14	J	0.34	0.035	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Tin	12.4		6.8	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Vanadium	28.1		1.7	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	1
Zinc	158		6.8	0.93	mg/Kg	☼	05/30/25 19:35	05/31/25 16:44	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		06/02/25 12:34	06/02/25 17:41	10
Barium	756		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:41	10
Cadmium	4.3	J	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:41	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:41	10
Copper	26.9	J	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:41	10
Lead	80.9		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:41	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:41	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:41	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:41	10
Zinc	114	J	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:41	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		06/03/25 10:29	06/03/25 15:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.49		0.017	0.0081	mg/Kg	☼	05/30/25 00:43	05/30/25 04:22	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.6	HF			SU			05/30/25 14:32	1
Temperature (SW846 9045D)	21.7	HF			Degrees C			05/30/25 14:32	1
Corrosivity (SW846 9045D)	9.6	HF			SU			05/30/25 14:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1

Client Sample ID: A3_0-5_20250520
Lab Sample ID: 460-326691-14
Date Collected: 05/20/25 14:00
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 93.8

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 20:58	06/01/25 20:53	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4-Dimethylphenol	0.35	U	0.35	0.042	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzidine	0.35	U	0.35	0.075	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15

Date Collected: 05/20/25 14:10
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.032**	**J**	0.035	0.027	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzo[a]pyrene	**0.028**	**J**	0.035	0.0095	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzo[b]fluoranthene	**0.034**	**J**	0.035	0.0092	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzo[g,h,i]perylene	**0.019**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Benzo[k]fluoranthene	**0.013**	**J**	0.035	0.0070	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Chrysene	**0.027**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Fluoranthene	**0.051**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Indeno[1,2,3-cd]pyrene	**0.037**		0.035	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Phenanthrene	**0.029**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Pyrene	**0.047**	**J**	0.35	0.0088	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1
Pyridine	0.35	U	0.35	0.051	mg/Kg	☼	05/29/25 20:32	05/30/25 12:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:32*	*05/30/25 12:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
2-Fluorophenol (Surr)	*71*		*24 - 120*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*05/29/25 20:32*	*05/30/25 12:43*	*1*
Terphenyl-d14 (Surr)	*69*		*33 - 124*	*05/29/25 20:32*	*05/30/25 12:43*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:23*	*1*
DCB Decachlorobiphenyl	*94*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:23*	*1*
Tetrachloro-m-xylene	*84*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:23*	*1*
Tetrachloro-m-xylene	*92*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*141*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:10*	*1*
DCB Decachlorobiphenyl	*139*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:10*	*1*
Tetrachloro-m-xylene	*124*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:10*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:10*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	05/30/25 05:32	05/31/25 00:29	1

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15

Date Collected: 05/20/25 14:10
Matrix: Solid

Date Received: 05/20/25 17:00
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 00:29	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 05:32	05/31/25 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*138*		*41 - 150*	*05/30/25 05:32*	*05/31/25 00:29*	*1*
2,4-Dichlorophenylacetic acid	*167*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 00:29*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**87**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*103*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:38*	*1*
1-Chlorooctadecane	*115*		*40 - 140*	*05/30/25 09:49*	*05/30/25 22:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17200**		17.7	4.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Antimony	**0.39**	**J**	0.88	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Arsenic	**2.1**		0.88	0.091	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Barium	**77.7**		1.8	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Beryllium	**0.92**		0.35	0.019	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Boron	**4.1**	**J**	35.4	1.9	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Cadmium	**0.21**	**J**	0.88	0.10	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Calcium	**49800**		88.4	8.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Chromium	**24.8**		1.8	0.26	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Cobalt	**8.2**		1.8	0.13	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Copper	**24.1**		1.8	0.33	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Iron	**19200**		53.0	6.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Lead	**104**		0.53	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Magnesium	**15300**		88.4	9.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Manganese	**408**		3.5	0.36	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Nickel	**17.1**		1.8	0.16	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Potassium	**2180**		88.4	14.3	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Selenium	**0.12**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Silver	0.35	U	0.35	0.079	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Sodium	**1430**		88.4	40.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Thallium	**0.22**	**J**	0.35	0.036	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Tin	**3.9**	**J**	7.1	1.1	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Vanadium	**33.9**		1.8	0.18	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	1
Zinc	**118**		7.1	0.96	mg/Kg	☼	05/30/25 19:35	05/31/25 16:47	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		06/02/25 12:34	06/02/25 17:43	10
Barium	**785**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:43	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:43	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:43	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:43	10
Lead	**54.8**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:43	10
Nickel	**11.8**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:43	10

Client Sample ID: A3_5-10_20250520
Lab Sample ID: 460-326691-15
Date Collected: 05/20/25 14:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:43	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:43	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:43	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		06/03/25 10:29	06/03/25 15:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.017	0.0081	mg/Kg	☼	05/30/25 00:43	05/30/25 04:24	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.5**	**HF**			SU			05/30/25 14:34	1
Temperature (SW846 9045D)	**21.8**	**HF**			Degrees C			05/30/25 14:34	1
Corrosivity (SW846 9045D)	**9.5**	**HF**			SU			05/30/25 14:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 07:40	05/31/25 14:20	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.14	mg/Kg	☼	05/30/25 20:58	06/01/25 20:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**92.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3_10-15_20250520
Lab Sample ID: 460-326691-16
Date Collected: 05/20/25 14:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4-Dimethylphenol	0.36	U *	0.36	0.043	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A3_10-15_20250520
Lab Sample ID: 460-326691-16
Date Collected: 05/20/25 14:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzidine	0.36	U	0.36	0.075	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1

Client Sample ID: A3_10-15_20250520
Lab Sample ID: 460-326691-16
Date Collected: 05/20/25 14:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 08:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 08:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
2-Fluorophenol (Surr)	*60*		*24 - 120*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*05/29/25 20:31*	*05/30/25 08:18*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*05/29/25 20:31*	*05/30/25 08:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
beta-BHC	0.0021	U	0.0021	0.00081	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:36*	*1*
DCB Decachlorobiphenyl	*81*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:36*	*1*
Tetrachloro-m-xylene	*74*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:36*	*1*
Tetrachloro-m-xylene	*83*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1

Client Sample ID: A3_10-15_20250520
Date Collected: 05/20/25 14:15
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-16
Matrix: Solid
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*136*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:27*	*1*
DCB Decachlorobiphenyl	*131*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:27*	*1*
Tetrachloro-m-xylene	*128*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:27*	*1*
Tetrachloro-m-xylene	*123*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:27*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	05/30/25 05:32	05/31/25 00:48	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 00:48	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 05:32	05/31/25 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*147*		*41 - 150*	*05/30/25 05:32*	*05/31/25 00:48*	*1*
2,4-Dichlorophenylacetic acid	*160*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 00:48*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**51**		15	15	mg/Kg	☼	05/30/25 09:49	05/30/25 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*79*		*40 - 140*	*05/30/25 09:49*	*05/30/25 20:32*	*1*
1-Chlorooctadecane	*86*		*40 - 140*	*05/30/25 09:49*	*05/30/25 20:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17700**		16.7	4.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Antimony	**0.30**	**J**	0.84	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Arsenic	**2.1**		0.84	0.086	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Barium	**43.9**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Beryllium	**0.66**		0.33	0.018	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Boron	**4.1**	**J**	33.5	1.8	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Cadmium	**0.26**	**J**	0.84	0.095	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Calcium	**106000**		837	81.4	mg/Kg	☼	05/30/25 19:35	05/31/25 17:01	10
Chromium	**25.0**		1.7	0.25	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Cobalt	**6.3**		1.7	0.12	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Copper	**13.5**		1.7	0.31	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Iron	**20100**		50.2	6.4	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Lead	**29.1**		0.50	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Magnesium	**17500**		83.7	8.5	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Manganese	**409**		3.3	0.34	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A3_10-15_20250520
Lab Sample ID: 460-326691-16
Date Collected: 05/20/25 14:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**13.7**		1.7	0.15	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Potassium	**2000**		83.7	13.6	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Selenium	**0.12**	**J**	1.0	0.11	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Sodium	**1140**		83.7	38.2	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Thallium	**0.22**	**J**	0.33	0.034	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Tin	**1.8**	**J**	6.7	1.0	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Vanadium	**39.8**		1.7	0.17	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	1
Zinc	**107**		6.7	0.91	mg/Kg	☼	05/30/25 19:35	05/31/25 16:50	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		06/02/25 12:34	06/02/25 17:46	10
Barium	**525**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:46	10
Cadmium	**3.6**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:46	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:46	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:46	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:46	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:46	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:46	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:46	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:46	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		06/03/25 10:29	06/03/25 15:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.018	0.0086	mg/Kg	☼	05/30/25 00:43	05/30/25 04:26	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.4**	**HF**			SU			05/30/25 14:36	1
Temperature (SW846 9045D)	**21.4**	**HF**			Degrees C			05/30/25 14:36	1
Corrosivity (SW846 9045D)	**9.4**	**HF**			SU			05/30/25 14:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.92	mg/Kg	☼	05/31/25 07:40	05/31/25 12:00	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 20:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.4**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**92.6**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3-1_3-5_20250520
Lab Sample ID: 460-326691-17
Date Collected: 05/20/25 14:20
Matrix: Solid
Date Received: 05/20/25 17:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3-1_3-5_20250520
Lab Sample ID: 460-326691-17
Date Collected: 05/20/25 14:20
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:04	05/30/25 13:44	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*113*		*75 - 150*	*05/30/25 10:04*	*05/30/25 13:44*	*50*

Client Sample ID: A3-1_8-10_20250520
Lab Sample ID: 460-326691-18
Date Collected: 05/20/25 14:25
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 95.5

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.6	U	1.6	1.6	mg/Kg	☼	05/30/25 10:04	05/30/25 14:10	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*115*		*75 - 150*	*05/30/25 10:04*	*05/30/25 14:10*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	9.1	U	9.1	0.57	mg/Kg	☼	05/30/25 08:37	05/30/25 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*10 - 150*	*05/30/25 08:37*	*05/30/25 20:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.5		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	95.5		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A3-1_13-15_20250520
Lab Sample ID: 460-326691-19
Date Collected: 05/20/25 14:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.9

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:04	05/30/25 14:36	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*169*	*	*75 - 150*	*05/30/25 10:04*	*05/30/25 14:36*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	9.3	U	9.3	0.59	mg/Kg	☼	05/30/25 08:37	05/30/25 20:53	1

Client Sample ID: A3-1_13-15_20250520
Lab Sample ID: 460-326691-19

Date Collected: 05/20/25 14:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*82*		*10 - 150*	*05/30/25 08:37*	*05/30/25 20:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.1**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**92.9**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4-Dimethylphenol	0.36	U	0.36	0.044	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Methylnaphthalene	**0.016**	**J ***	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
2-Nitrophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
3-Nitroaniline	0.36	U	0.36	0.087	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Nitroaniline	0.36	U	0.36	0.093	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Acenaphthene	**0.024**	**J**	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Acenaphthylene	**0.056**	**J**	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Anthracene	**0.074**	**J**	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzidine	0.36	U	0.36	0.077	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzo[a]anthracene	**0.32**		0.036	0.028	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzo[a]pyrene	**0.39**		0.036	0.0097	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**0.52**		0.036	0.0095	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzo[g,h,i]perylene	**0.24**	**J**	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Benzo[k]fluoranthene	**0.20**		0.036	0.0072	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.068	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Butyl benzyl phthalate	**0.021**	**J**	0.36	0.017	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Caprolactam	0.36	U *	0.36	0.057	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Carbazole	**0.040**	**J**	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Chrysene	**0.36**		0.36	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Dibenz(a,h)anthracene	**0.058**		0.036	0.016	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Dibenzofuran	**0.020**	**J**	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Fluoranthene	**0.66**		0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Fluorene	**0.023**	**J**	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Indeno[1,2,3-cd]pyrene	**0.24**		0.036	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Naphthalene	**0.025**	**J**	0.36	0.0063	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Phenanthrene	**0.37**		0.36	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Pyrene	**0.52**		0.36	0.0091	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1
Pyridine	0.36	U	0.36	0.052	mg/Kg	☼	05/28/25 08:54	05/29/25 01:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*3.4*	*A J*	*mg/Kg*	☼	*2.55*	*N/A*	*05/28/25 08:54*	*05/29/25 01:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 137*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
2-Fluorobiphenyl	*90*		*33 - 117*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
2-Fluorophenol (Surr)	*89*		*24 - 120*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
Nitrobenzene-d5 (Surr)	*84*		*27 - 120*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
Phenol-d5 (Surr)	*92*		*28 - 118*	*05/28/25 08:54*	*05/29/25 01:30*	*1*
Terphenyl-d14 (Surr)	*82*		*33 - 124*	*05/28/25 08:54*	*05/29/25 01:30*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1
trans-Chlordane	0.0074	U	0.0074	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*17 - 150*	*05/28/25 10:52*	*05/29/25 05:22*	*1*
DCB Decachlorobiphenyl	*72*		*17 - 150*	*05/28/25 10:52*	*05/29/25 05:22*	*1*
Tetrachloro-m-xylene	*84*		*21 - 150*	*05/28/25 10:52*	*05/29/25 05:22*	*1*
Tetrachloro-m-xylene	*98*		*21 - 150*	*05/28/25 10:52*	*05/29/25 05:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*145*		*20 - 150*	*05/28/25 10:47*	*05/29/25 05:44*	*1*
DCB Decachlorobiphenyl	*119*		*20 - 150*	*05/28/25 10:47*	*05/29/25 05:44*	*1*
Tetrachloro-m-xylene	*130*		*20 - 150*	*05/28/25 10:47*	*05/29/25 05:44*	*1*
Tetrachloro-m-xylene	*146*		*20 - 150*	*05/28/25 10:47*	*05/29/25 05:44*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0079	mg/Kg	☼	05/28/25 06:24	05/28/25 16:57	1
2,4-D	0.037	U	0.037	0.013	mg/Kg	☼	05/28/25 06:24	05/28/25 16:57	1
Silvex (2,4,5-TP)	0.037	U	0.037	0.0039	mg/Kg	☼	05/28/25 06:24	05/28/25 16:57	1

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*171*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 16:57*	*1*
2,4-Dichlorophenylacetic acid	*166*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 16:57*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**78**		16	16	mg/Kg	☼	05/28/25 09:28	05/28/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*40 - 140*	*05/28/25 09:28*	*05/28/25 21:36*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/28/25 09:28*	*05/28/25 21:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7260**		20.8	5.7	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Antimony	**0.26**	**J**	1.0	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Arsenic	**3.1**		1.0	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Barium	**148**		2.1	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Beryllium	**0.35**	**J**	0.42	0.023	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Boron	**3.1**	**J**	41.6	2.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Cadmium	**0.29**	**J**	1.0	0.12	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Calcium	**30500**		104	10.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Chromium	**13.5**		2.1	0.31	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Cobalt	**5.5**		2.1	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Copper	**29.5**		2.1	0.38	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Iron	**13100**		62.4	8.0	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Lead	**223**		0.62	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Magnesium	**11200**		104	10.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Manganese	**235**		4.2	0.42	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Nickel	**11.7**		2.1	0.18	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Potassium	**1230**		104	16.8	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Selenium	**0.17**	**J**	1.3	0.13	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Silver	0.42	U	0.42	0.093	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Sodium	**224**		104	47.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Thallium	**0.097**	**J**	0.42	0.043	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Tin	**4.9**	**J**	8.3	1.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Vanadium	**20.8**		2.1	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	1
Zinc	**159**		8.3	1.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:20	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		05/29/25 12:46	05/29/25 17:38	10
Barium	**881**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:38	10
Cadmium	**4.0**	**J**	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:38	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:38	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:38	10
Lead	**175**		12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:38	10
Nickel	40.0	U	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:38	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:38	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:38	10
Zinc	**226**		160	65.2	ug/L		05/29/25 12:46	05/29/25 17:38	10

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1

Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

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		05/30/25 10:12	05/30/25 16:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.12**		0.017	0.0079	mg/Kg	☼	05/29/25 00:35	05/29/25 04:44	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.2**	**HF**			SU			05/29/25 13:56	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/29/25 13:56	1
Corrosivity (SW846 9045D)	**10.2**	**HF**			SU			05/29/25 13:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.91	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/29/25 20:45	05/30/25 13:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			06/03/25 14:56	1
Percent Moisture (EPA Moisture)	**10.1**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**89.9**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B4_5-10_20250522
Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
1,2-Diphenylhydrazine	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
1,4-Dioxane	0.038	U	0.038	0.034	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4-Dichlorophenol	0.15	U	0.15	0.025	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4-Dimethylphenol	0.38	U	0.38	0.046	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,4-Dinitrotoluene	0.078	U	0.078	0.041	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2,6-Dinitrotoluene	0.078	U	0.078	0.028	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Chloronaphthalene	0.38	U	0.38	0.049	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Methylnaphthalene	**0.013**	**J ***	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
2-Nitrophenol	0.38	U	0.38	0.039	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
3-Nitroaniline	0.38	U	0.38	0.091	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_5-10_20250522
Date Collected: 05/22/25 12:05
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-2
Matrix: Solid
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.022	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Nitroaniline	0.38	U	0.38	0.098	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
4-Nitrophenol	0.78	U	0.78	0.063	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Acenaphthene	**0.015**	**J**	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Acenaphthylene	**0.033**	**J**	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Anthracene	**0.053**	**J**	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Atrazine	0.15	U *	0.15	0.023	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzaldehyde	0.38	U *	0.38	0.064	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzidine	0.38	U	0.38	0.081	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[a]anthracene	**0.22**		0.038	0.029	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[a]pyrene	**0.25**		0.038	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[b]fluoranthene	**0.34**		0.038	0.010	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[g,h,i]perylene	**0.15**	**J**	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Benzo[k]fluoranthene	**0.12**		0.038	0.0075	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.071	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Butyl benzyl phthalate	**0.021**	**J**	0.38	0.018	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Caprolactam	0.38	U *	0.38	0.060	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Carbazole	**0.017**	**J**	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Chrysene	**0.22**	**J**	0.38	0.016	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Dibenz(a,h)anthracene	**0.039**		0.038	0.017	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Dimethyl phthalate	0.38	U	0.38	0.087	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Fluoranthene	**0.43**		0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Hexachlorobutadiene	0.078	U	0.078	0.0082	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Indeno[1,2,3-cd]pyrene	**0.14**		0.038	0.015	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Naphthalene	**0.014**	**J**	0.38	0.0067	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.032	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Pentachlorophenol	0.31	U	0.31	0.079	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Phenanthrene	**0.19**	**J**	0.38	0.016	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Pyrene	**0.37**	**J**	0.38	0.0096	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1
Pyridine	0.38	U	0.38	0.055	mg/Kg	☼	05/28/25 08:54	05/29/25 06:02	1

Client Sample ID: B4_5-10_20250522
Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 85.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Aldol condensation product	1.5	A J	mg/Kg	☼	2.55	N/A	05/28/25 08:54	05/29/25 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		18 - 137	05/28/25 08:54	05/29/25 06:02	1
2-Fluorobiphenyl	66		33 - 117	05/28/25 08:54	05/29/25 06:02	1
2-Fluorophenol (Surr)	65		24 - 120	05/28/25 08:54	05/29/25 06:02	1
Nitrobenzene-d5 (Surr)	59		27 - 120	05/28/25 08:54	05/29/25 06:02	1
Phenol-d5 (Surr)	65		28 - 118	05/28/25 08:54	05/29/25 06:02	1
Terphenyl-d14 (Surr)	59		33 - 124	05/28/25 08:54	05/29/25 06:02	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0078	U	0.0078	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
4,4'-DDE	0.0078	U	0.0078	0.00092	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
4,4'-DDT	0.0078	U	0.0078	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Aldrin	0.0078	U	0.0078	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
cis-Chlordane	0.0078	U	0.0078	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
delta-BHC	0.0023	U	0.0023	0.00048	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endosulfan I	0.0078	U	0.0078	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endosulfan II	0.0078	U	0.0078	0.0020	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endosulfan sulfate	0.0078	U	0.0078	0.00098	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endrin	0.0078	U	0.0078	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endrin aldehyde	0.0078	U	0.0078	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Endrin ketone	0.0078	U	0.0078	0.0015	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Heptachlor	0.0078	U	0.0078	0.00092	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Heptachlor epoxide	0.0078	U	0.0078	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Methoxychlor	0.0078	U	0.0078	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1
trans-Chlordane	0.0078	U	0.0078	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 05:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		17 - 150	05/28/25 10:52	05/29/25 05:35	1
DCB Decachlorobiphenyl	59		17 - 150	05/28/25 10:52	05/29/25 05:35	1
Tetrachloro-m-xylene	69		21 - 150	05/28/25 10:52	05/29/25 05:35	1
Tetrachloro-m-xylene	80		21 - 150	05/28/25 10:52	05/29/25 05:35	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	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1

Client Sample ID: B4_5-10_20250522
Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1262	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.021	mg/Kg	☼	05/28/25 10:47	05/29/25 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:01*	*1*
DCB Decachlorobiphenyl	*99*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:01*	*1*
Tetrachloro-m-xylene	*107*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:01*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:01*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.039	U	0.039	0.0082	mg/Kg	☼	05/28/25 06:24	05/28/25 17:16	1
2,4-D	0.039	U	0.039	0.014	mg/Kg	☼	05/28/25 06:24	05/28/25 17:16	1
Silvex (2,4,5-TP)	0.039	U	0.039	0.0040	mg/Kg	☼	05/28/25 06:24	05/28/25 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*211*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 17:16*	*1*
2,4-Dichlorophenylacetic acid	*173*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 17:16*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**74**		16	16	mg/Kg	☼	05/28/25 09:28	05/28/25 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*40 - 140*	*05/28/25 09:28*	*05/28/25 21:50*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/28/25 09:28*	*05/28/25 21:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6790**		21.6	5.9	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Antimony	1.1	U	1.1	0.16	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Arsenic	**1.7**		1.1	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Barium	**35.1**		2.2	0.16	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Beryllium	**0.31**	**J**	0.43	0.024	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Boron	43.2	U	43.2	2.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Cadmium	1.1	U	1.1	0.12	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Calcium	**2510**		108	10.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Chromium	**10.3**		2.2	0.32	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Cobalt	**6.2**		2.2	0.16	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Copper	**11.6**		2.2	0.40	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Iron	**11400**		64.8	8.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Lead	**19.4**		0.65	0.22	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Magnesium	**2930**		108	11.0	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Manganese	**107**		4.3	0.44	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Nickel	**11.0**		2.2	0.19	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Potassium	**751**		108	17.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Selenium	1.4	U	1.4	0.14	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Silver	0.43	U	0.43	0.096	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Sodium	**151**		108	49.4	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Thallium	0.43	U	0.43	0.044	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Tin	**1.6**	**J**	8.6	1.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1

Client Sample ID: B4_5-10_20250522

Lab Sample ID: 460-326806-2
Date Collected: 05/22/25 12:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	**10.9**		2.2	0.22	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	1
Zinc	**48.4**		8.6	1.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:23	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		05/29/25 12:46	05/29/25 17:41	10
Barium	**445**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:41	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:41	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:41	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:41	10
Lead	**29.5**		12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:41	10
Nickel	40.0	U	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:41	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:41	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:41	10
Zinc	**233**		160	65.2	ug/L		05/29/25 12:46	05/29/25 17:41	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.59**		0.20	0.091	ug/L		05/30/25 10:12	05/30/25 16:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.064**		0.018	0.0086	mg/Kg	☼	05/29/25 00:35	05/29/25 04:46	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.3**	**HF**			SU			05/29/25 13:57	1
Temperature (SW846 9045D)	**21.4**	**HF**			Degrees C			05/29/25 13:57	1
Corrosivity (SW846 9045D)	**9.3**	**HF**			SU			05/29/25 13:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.96	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.26	U	0.26	0.14	mg/Kg	☼	05/29/25 20:45	05/30/25 13:13	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Percent Moisture (EPA Moisture)	**14.3**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**85.7**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B4_10-15_20250522

Lab Sample ID: 460-326806-3
Date Collected: 05/22/25 12:15
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_10-15_20250522
Date Collected: 05/22/25 12:15
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-3
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,4-Dinitrotoluene	0.072	U	0.072	0.039	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Methylnaphthalene	**0.15**	**J ***	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzaldehyde	0.36	U *	0.36	0.059	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzidine	0.36	U	0.36	0.075	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[a]anthracene	**0.039**		0.036	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[a]pyrene	**0.044**		0.036	0.0095	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[b]fluoranthene	**0.057**		0.036	0.0093	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[g,h,i]perylene	**0.039**	**J**	0.36	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Benzo[k]fluoranthene	**0.022**	**J**	0.036	0.0070	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Chrysene	**0.039**	**J**	0.36	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1

Client Sample ID: B4_10-15_20250522
Lab Sample ID: 460-326806-3
Date Collected: 05/22/25 12:15
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**0.057**	**J**	0.36	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Indeno[1,2,3-cd]pyrene	**0.038**		0.036	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Naphthalene	**0.18**	**J**	0.36	0.0062	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Phenanthrene	**0.026**	**J**	0.36	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Pyrene	**0.056**	**J**	0.36	0.0089	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/28/25 08:54	05/28/25 23:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.56*	*A J*	*mg/Kg*	☼	*2.54*	*N/A*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Benzene, 1,2,3-trimethyl-	*0.84*	*J N*	*mg/Kg*	☼	*3.92*	*526-73-8*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Benzene, 1,3,5-trimethyl-	*0.30*	*J N*	*mg/Kg*	☼	*4.15*	*108-67-8*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Benzene, 2-ethyl-1,4-dimethyl-	*0.45*	*J N*	*mg/Kg*	☼	*4.41*	*1758-88-9*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Benzene, 1-ethenyl-4-ethyl-	*0.38*	*J N*	*mg/Kg*	☼	*5.08*	*3454-07-7*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Cyclic octaatomic sulfur	*0.33*	*J N*	*mg/Kg*	☼	*9.63*	*10544-50-0*	*05/28/25 08:54*	*05/28/25 23:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
2-Fluorobiphenyl	*70*		*33 - 117*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
2-Fluorophenol (Surr)	*73*		*24 - 120*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Phenol-d5 (Surr)	*75*		*28 - 118*	*05/28/25 08:54*	*05/28/25 23:17*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*05/28/25 08:54*	*05/28/25 23:17*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
cis-Chlordane	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1

Client Sample ID: B4_10-15_20250522
Lab Sample ID: 460-326806-3
Date Collected: 05/22/25 12:15
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:27*	*1*
DCB Decachlorobiphenyl	*75*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:27*	*1*
Tetrachloro-m-xylene	*85*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:27*	*1*
Tetrachloro-m-xylene	*96*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:27*	*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	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/28/25 10:47	05/29/25 06:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*138*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:17*	*1*
DCB Decachlorobiphenyl	*135*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:17*	*1*
Tetrachloro-m-xylene	*147*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:17*	*1*
Tetrachloro-m-xylene	*162*	*	*20 - 150*	*05/28/25 10:47*	*05/29/25 06:17*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	05/28/25 06:24	05/28/25 17:35	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/28/25 06:24	05/28/25 17:35	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	05/28/25 06:24	05/28/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*1521*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 17:35*	*1*
2,4-Dichlorophenylacetic acid	*488*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 17:35*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**58**		15	15	mg/Kg	☼	05/28/25 09:28	05/28/25 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*40 - 140*	*05/28/25 09:28*	*05/28/25 22:04*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/28/25 09:28*	*05/28/25 22:04*	*1*

Client Sample ID: B4_10-15_20250522

Date Collected: 05/22/25 12:15
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-3

Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7380**		20.6	5.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Antimony	1.0	U	1.0	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Arsenic	**0.91**	**J**	1.0	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Barium	**60.9**		2.1	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Beryllium	**0.25**	**J**	0.41	0.023	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Boron	41.1	U	41.1	2.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Cadmium	1.0	U	1.0	0.12	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Calcium	**11300**		103	10.0	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Chromium	**14.9**		2.1	0.31	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Cobalt	**10.5**		2.1	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Copper	**121**		2.1	0.38	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Iron	**12800**		61.7	7.9	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Lead	**31.2**		0.62	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Magnesium	**6480**		103	10.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Manganese	**147**		4.1	0.41	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Nickel	**14.4**		2.1	0.18	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Potassium	**1890**		103	16.7	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Selenium	**0.37**	**J**	1.3	0.13	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Silver	0.41	U	0.41	0.092	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Sodium	**278**		103	47.0	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Thallium	**0.13**	**J**	0.41	0.042	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Tin	**1.8**	**J**	8.2	1.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Vanadium	**17.9**		2.1	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	1
Zinc	**55.6**		8.2	1.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:26	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		05/29/25 12:46	05/29/25 17:44	10
Barium	**1030**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:44	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:44	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:44	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:44	10
Lead	**122**		12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:44	10
Nickel	**9.3**	**J**	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:44	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:44	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:44	10
Zinc	**71.5**	**J**	160	65.2	ug/L		05/29/25 12:46	05/29/25 17:44	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.20	0.091	ug/L		05/30/25 10:12	05/30/25 16:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.049**		0.018	0.0083	mg/Kg	☼	05/29/25 00:35	05/29/25 04:47	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**			SU			05/29/25 13:59	1
Temperature (SW846 9045D)	**21.4**	**HF**			Degrees C			05/29/25 13:59	1

Client Sample ID: B4_10-15_20250522
Lab Sample ID: 460-326806-3
Date Collected: 05/22/25 12:15
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.7

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.1**	**HF**			SU			05/29/25 13:59	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.91	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/29/25 20:45	05/30/25 13:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B4_15-20_20250522
Lab Sample ID: 460-326806-4
Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
1,2-Diphenylhydrazine	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.038	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4-Dimethylphenol	0.38	U	0.38	0.045	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,4-Dinitrotoluene	0.076	U	0.076	0.041	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Chloronaphthalene	0.38	U	0.38	0.048	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Chlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Methylnaphthalene	**0.11**	**J ***	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
3-Nitroaniline	0.38	U	0.38	0.089	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Chloroaniline	0.38	U	0.38	0.067	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Nitroaniline	0.38	U	0.38	0.095	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Acetophenone	0.38	U	0.38	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_15-20_20250522
Date Collected: 05/22/25 14:00
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-4
Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzaldehyde	0.38	U *	0.38	0.062	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzidine	0.38	U	0.38	0.079	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[a]anthracene	0.038	U	0.038	0.028	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[a]pyrene	0.038	U	0.038	0.010	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[b]fluoranthene	**0.013**	**J**	0.038	0.0097	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0074	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.070	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Caprolactam	0.38	U *	0.38	0.059	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Carbazole	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Dimethyl phthalate	0.38	U	0.38	0.086	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Fluoranthene	**0.019**	**J**	0.38	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Naphthalene	**0.20**	**J**	0.38	0.0065	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Phenanthrene	0.38	U	0.38	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Pyrene	**0.016**	**J**	0.38	0.0094	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1
Pyridine	0.38	U	0.38	0.054	mg/Kg	☼	05/28/25 08:54	05/28/25 22:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.42*	*A J*	*mg/Kg*	☼	*2.54*	*N/A*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Unknown	*0.45*	*J*	*mg/Kg*	☼	*3.61*	*N/A*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Benzene, 1,2,3-trimethyl-	*0.99*	*J N*	*mg/Kg*	☼	*3.93*	*526-73-8*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Benzene, 1,3-diethyl-	*0.46*	*J N*	*mg/Kg*	☼	*4.40*	*141-93-5*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Sulfur	*0.34*	*J N*	*mg/Kg*	☼	*7.26*	*13798-23-7*	*05/28/25 08:54*	*05/28/25 22:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*18 - 137*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
2-Fluorobiphenyl	*86*		*33 - 117*	*05/28/25 08:54*	*05/28/25 22:10*	*1*

Client Sample ID: B4_15-20_20250522
Lab Sample ID: 460-326806-4
Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 87.1

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*91*		*24 - 120*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Phenol-d5 (Surr)	*94*		*28 - 118*	*05/28/25 08:54*	*05/28/25 22:10*	*1*
Terphenyl-d14 (Surr)	*91*		*33 - 124*	*05/28/25 08:54*	*05/28/25 22:10*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
4,4'-DDE	0.0077	U	0.0077	0.00090	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
alpha-BHC	0.0023	U	0.0023	0.00078	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
beta-BHC	0.0023	U	0.0023	0.00086	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endosulfan sulfate	0.0077	U	0.0077	0.00096	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00071	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Heptachlor	0.0077	U	0.0077	0.00090	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Heptachlor epoxide	0.0077	U	0.0077	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1
trans-Chlordane	0.0077	U	0.0077	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:39*	*1*
DCB Decachlorobiphenyl	*52*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:39*	*1*
Tetrachloro-m-xylene	*75*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:39*	*1*
Tetrachloro-m-xylene	*96*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1221	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1232	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1242	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1248	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1254	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1260	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor 1268	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Aroclor-1262	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.020	mg/Kg	☼	05/28/25 10:47	05/29/25 06:34	1

Client Sample ID: B4_15-20_20250522
Date Collected: 05/22/25 14:00
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-4
Matrix: Solid
Percent Solids: 87.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		20 - 150	05/28/25 10:47	05/29/25 06:34	1
DCB Decachlorobiphenyl	93		20 - 150	05/28/25 10:47	05/29/25 06:34	1
Tetrachloro-m-xylene	96		20 - 150	05/28/25 10:47	05/29/25 06:34	1
Tetrachloro-m-xylene	109		20 - 150	05/28/25 10:47	05/29/25 06:34	1

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.038	U	0.038	0.0081	mg/Kg	☼	05/28/25 06:24	05/28/25 17:54	1
2,4-D	0.038	U	0.038	0.014	mg/Kg	☼	05/28/25 06:24	05/28/25 17:54	1
Silvex (2,4,5-TP)	0.038	U	0.038	0.0040	mg/Kg	☼	05/28/25 06:24	05/28/25 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	760	*	41 - 150	05/28/25 06:24	05/28/25 17:54	1
2,4-Dichlorophenylacetic acid	304	*	41 - 150	05/28/25 06:24	05/28/25 17:54	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**23**		16	16	mg/Kg	☼	05/28/25 09:28	05/28/25 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		40 - 140	05/28/25 09:28	05/28/25 22:18	1
1-Chlorooctadecane	99		40 - 140	05/28/25 09:28	05/28/25 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4160**		20.0	5.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Antimony	1.0	U	1.0	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Arsenic	**1.3**		1.0	0.10	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Barium	**20.5**		2.0	0.14	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Beryllium	**1.6**		0.40	0.022	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Boron	**2.1**	**J**	39.9	2.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Cadmium	1.0	U	1.0	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Calcium	**5150**		99.9	9.7	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Chromium	**33.8**		2.0	0.30	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Cobalt	**7.4**		2.0	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Copper	**16.3**		2.0	0.37	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Iron	**27800**		59.9	7.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Lead	**26.7**		0.60	0.20	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Magnesium	**3000**		99.9	10.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Manganese	**255**		4.0	0.40	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Nickel	**22.4**		2.0	0.18	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Potassium	**508**		99.9	16.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Selenium	1.2	U	1.2	0.13	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Silver	0.40	U	0.40	0.089	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Sodium	**120**		99.9	45.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Thallium	**0.072**	**J**	0.40	0.041	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Tin	**2.6**	**J**	8.0	1.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Vanadium	**23.7**		2.0	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1
Zinc	**89.9**		8.0	1.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:29	1

Client Sample ID: B4_15-20_20250522
Lab Sample ID: 460-326806-4

Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 87.1

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		05/29/25 12:46	05/29/25 17:47	10
Barium	**550**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:47	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:47	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:47	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:47	10
Lead	**14.4**		12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:47	10
Nickel	**38.1**	**J**	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:47	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:47	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:47	10
Zinc	160	U	160	65.2	ug/L		05/29/25 12:46	05/29/25 17:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.15**	**J**	0.20	0.091	ug/L		05/30/25 10:12	05/30/25 16:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.0090	mg/Kg	☼	05/29/25 00:54	05/29/25 04:53	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.3**	**HF**			SU			05/29/25 14:01	1
Temperature (SW846 9045D)	**21.6**	**HF**			Degrees C			05/29/25 14:01	1
Corrosivity (SW846 9045D)	**8.3**	**HF**			SU			05/29/25 14:01	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.95	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.13	mg/Kg	☼	05/30/25 20:58	06/01/25 21:00	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Percent Moisture (EPA Moisture)	**12.9**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**87.1**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5

Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.44	U	0.44	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
1,2,4,5-Tetrachlorobenzene	0.44	U	0.44	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
1,2-Diphenylhydrazine	0.44	U	0.44	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
1,4-Dioxane	0.044	U	0.044	0.038	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,2'-oxybis[1-chloropropane]	0.44	U	0.44	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,3,4,6-Tetrachlorophenol	0.44	U	0.44	0.030	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4,5-Trichlorophenol	0.44	U	0.44	0.045	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4,6-Trichlorophenol	0.18	U	0.18	0.056	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4-Dichlorophenol	0.18	U	0.18	0.028	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4-Dimethylphenol	0.44	U	0.44	0.052	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5
Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	0.35	U	0.35	0.22	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,4-Dinitrotoluene	0.089	U	0.089	0.047	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2,6-Dinitrotoluene	0.089	U	0.089	0.032	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Chloronaphthalene	0.44	U	0.44	0.056	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Chlorophenol	0.44	U	0.44	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Methylnaphthalene	**0.21**	**J ***	0.44	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Methylphenol	0.44	U	0.44	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Nitroaniline	0.44	U	0.44	0.033	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
2-Nitrophenol	0.44	U	0.44	0.044	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
3,3'-Dichlorobenzidine	0.18	U	0.18	0.066	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
3-Nitroaniline	0.44	U	0.44	0.10	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4,6-Dinitro-2-methylphenol	0.35	U	0.35	0.18	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Bromophenyl phenyl ether	0.44	U	0.44	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Chloro-3-methylphenol	0.44	U	0.44	0.025	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Chloroaniline	0.44	U	0.44	0.078	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Chlorophenyl phenyl ether	0.44	U	0.44	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Methylphenol	0.44	U	0.44	0.027	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Nitroaniline	0.44	U	0.44	0.11	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
4-Nitrophenol	0.89	U	0.89	0.072	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Acenaphthene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Acenaphthylene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Acetophenone	0.44	U	0.44	0.022	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Anthracene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Atrazine	0.18	U *	0.18	0.026	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzaldehyde	0.44	U *	0.44	0.073	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzidine	0.44	U	0.44	0.092	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[a]anthracene	0.044	U	0.044	0.033	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[a]pyrene	0.044	U	0.044	0.012	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[b]fluoranthene	0.044	U	0.044	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[g,h,i]perylene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Benzo[k]fluoranthene	0.044	U	0.044	0.0086	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Bis(2-chloroethoxy)methane	0.44	U	0.44	0.081	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Bis(2-chloroethyl)ether	0.044	U	0.044	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Bis(2-ethylhexyl) phthalate	0.44	U	0.44	0.023	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Butyl benzyl phthalate	0.44	U	0.44	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Caprolactam	0.44	U *	0.44	0.068	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Carbazole	0.44	U	0.44	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Chrysene	0.44	U	0.44	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Dibenz(a,h)anthracene	0.044	U	0.044	0.019	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Dibenzofuran	0.44	U	0.44	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Diethyl phthalate	0.44	U	0.44	0.014	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Dimethyl phthalate	0.44	U	0.44	0.10	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Di-n-butyl phthalate	0.44	U	0.44	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Di-n-octyl phthalate	0.44	U	0.44	0.023	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Fluoranthene	0.44	U	0.44	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Fluorene	0.44	U	0.44	0.013	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Hexachlorobenzene	0.044	U	0.044	0.021	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Hexachlorobutadiene	0.089	U	0.089	0.0093	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Hexachlorocyclopentadiene	0.44	U	0.44	0.039	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5
Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.044	U	0.044	0.015	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Indeno[1,2,3-cd]pyrene	0.044	U	0.044	0.017	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Isophorone	0.18	U	0.18	0.13	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Naphthalene	**0.27**	**J**	0.44	0.0076	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Nitrobenzene	0.044	U	0.044	0.024	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
N-Nitrosodi-n-propylamine	0.044	U	0.044	0.032	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
N-Nitrosodiphenylamine	0.44	U	0.44	0.036	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Pentachlorophenol	0.35	U	0.35	0.090	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Phenanthrene	0.44	U	0.44	0.018	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Phenol	0.44	U	0.44	0.016	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Pyrene	0.44	U	0.44	0.011	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1
Pyridine	0.44	U	0.44	0.063	mg/Kg	☼	05/28/25 08:54	05/28/25 21:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, propyl-	*0.66*	*J N*	*mg/Kg*	☼	*3.58*	*103-65-1*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Unknown	*0.84*	*J*	*mg/Kg*	☼	*3.61*	*N/A*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1-ethyl-2-methyl-	*0.61*	*J N*	*mg/Kg*	☼	*3.67*	*611-14-3*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1,2,3-trimethyl-	*2.0*	*J N*	*mg/Kg*	☼	*3.93*	*526-73-8*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Unknown	*0.41*	*J*	*mg/Kg*	☼	*4.15*	*N/A*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1,3-diethyl-	*0.48*	*J N*	*mg/Kg*	☼	*4.33*	*141-93-5*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1-ethyl-2,3-dimethyl-	*0.97*	*J N*	*mg/Kg*	☼	*4.40*	*933-98-2*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 2-ethyl-1,4-dimethyl-	*0.48*	*J N*	*mg/Kg*	☼	*4.55*	*1758-88-9*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Benzene, 1,2,3,4-tetramethyl-	*0.43*	*J N*	*mg/Kg*	☼	*4.84*	*488-23-3*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Unknown	*0.39*	*J*	*mg/Kg*	☼	*4.87*	*N/A*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Cyclic octaatomic sulfur	*1.3*	*J N*	*mg/Kg*	☼	*9.64*	*10544-50-0*	*05/28/25 08:54*	*05/28/25 21:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*05/28/25 08:54*	*05/28/25 21:48*	*1*
Terphenyl-d14 (Surr)	*58*		*33 - 124*	*05/28/25 08:54*	*05/28/25 21:48*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0089	U	0.0089	0.0015	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
4,4'-DDE	0.0089	U	0.0089	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
4,4'-DDT	0.0089	U	0.0089	0.0016	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Aldrin	0.0089	U	0.0089	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
alpha-BHC	0.0027	U	0.0027	0.00090	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
beta-BHC	0.0027	U	0.0027	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Chlordane (technical)	0.089	U	0.089	0.022	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
cis-Chlordane	0.0089	U	0.0089	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
delta-BHC	0.0027	U	0.0027	0.00054	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Dieldrin	0.0027	U	0.0027	0.0012	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endosulfan I	0.0089	U	0.0089	0.0014	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endosulfan II	0.0089	U	0.0089	0.0023	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endosulfan sulfate	0.0089	U	0.0089	0.0011	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endrin	0.0089	U	0.0089	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5

Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0089	U	0.0089	0.0021	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Endrin ketone	0.0089	U	0.0089	0.0017	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
gamma-BHC (Lindane)	0.0027	U	0.0027	0.00082	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Heptachlor	0.0089	U	0.0089	0.0010	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Heptachlor epoxide	0.0089	U	0.0089	0.0013	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Methoxychlor	0.0089	U	0.0089	0.0020	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
Toxaphene	0.089	U	0.089	0.032	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1
trans-Chlordane	0.0089	U	0.0089	0.0016	mg/Kg	☼	05/28/25 10:52	05/29/25 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:52*	*1*
DCB Decachlorobiphenyl	*69*		*17 - 150*	*05/28/25 10:52*	*05/29/25 08:52*	*1*
Tetrachloro-m-xylene	*98*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:52*	*1*
Tetrachloro-m-xylene	*78*		*21 - 150*	*05/28/25 10:52*	*05/29/25 08:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1221	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1232	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1242	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1248	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1254	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1260	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor 1268	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Aroclor-1262	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1
Polychlorinated biphenyls, Total	0.089	U	0.089	0.024	mg/Kg	☼	05/28/25 10:47	05/29/25 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:51*	*1*
DCB Decachlorobiphenyl	*117*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:51*	*1*
Tetrachloro-m-xylene	*122*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:51*	*1*
Tetrachloro-m-xylene	*134*		*20 - 150*	*05/28/25 10:47*	*05/29/25 06:51*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.044	U	0.044	0.0094	mg/Kg	☼	05/28/25 06:24	05/28/25 18:13	1
2,4-D	0.044	U	0.044	0.016	mg/Kg	☼	05/28/25 06:24	05/28/25 18:13	1
Silvex (2,4,5-TP)	0.044	U	0.044	0.0046	mg/Kg	☼	05/28/25 06:24	05/28/25 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*3957*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 18:13*	*1*
2,4-Dichlorophenylacetic acid	*552*	*	*41 - 150*	*05/28/25 06:24*	*05/28/25 18:13*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**33**		19	19	mg/Kg	☼	05/28/25 09:28	05/28/25 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*73*		*40 - 140*	*05/28/25 09:28*	*05/28/25 22:32*	*1*
1-Chlorooctadecane	*85*		*40 - 140*	*05/28/25 09:28*	*05/28/25 22:32*	*1*

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B1-B2_20-25_20250522
Date Collected: 05/22/25 13:30
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-5
Matrix: Solid
Percent Solids: 75.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8210**		23.8	6.5	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Antimony	1.2	U	1.2	0.17	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Arsenic	**0.74**	**J**	1.2	0.12	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Barium	**47.9**		2.4	0.17	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Beryllium	**2.2**		0.48	0.026	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Boron	**3.3**	**J**	47.5	2.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Cadmium	1.2	U	1.2	0.13	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Calcium	**10200**		119	11.6	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Chromium	**36.6**		2.4	0.35	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Cobalt	**10.6**		2.4	0.18	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Copper	**26.5**		2.4	0.44	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Iron	**39600**		71.3	9.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Lead	**19.9**		0.71	0.24	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Magnesium	**6010**		119	12.1	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Manganese	**536**		4.8	0.48	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Nickel	**28.6**		2.4	0.21	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Potassium	**1470**		119	19.2	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Selenium	1.5	U	1.5	0.15	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Silver	0.48	U	0.48	0.11	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Sodium	**328**		119	54.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Thallium	**0.13**	**J**	0.48	0.049	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Tin	**3.0**	**J**	9.5	1.4	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Vanadium	**66.2**		2.4	0.24	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	1
Zinc	**86.7**		9.5	1.3	mg/Kg	☼	05/28/25 06:24	05/28/25 15:31	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		05/29/25 12:46	05/29/25 17:50	10
Barium	**347**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:50	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 17:50	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 17:50	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 17:50	10
Lead	**11.0**	**J**	12.0	8.4	ug/L		05/29/25 12:46	05/29/25 17:50	10
Nickel	**55.2**		40.0	9.1	ug/L		05/29/25 12:46	05/29/25 17:50	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 17:50	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 17:50	10
Zinc	160	U	160	65.2	ug/L		05/29/25 12:46	05/29/25 17:50	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		05/30/25 10:12	05/30/25 16:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	U	0.022	0.010	mg/Kg	☼	05/29/25 00:54	05/29/25 05:04	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.4**	**HF**			SU			05/29/25 14:03	1
Temperature (SW846 9045D)	**21.7**	**HF**			Degrees C			05/29/25 14:03	1

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5
Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**8.4**	**HF**			SU			05/29/25 14:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.6	U	2.6	1.1	mg/Kg	☼	05/30/25 09:00	05/30/25 14:30	1
Cyanide, Total (SW846 9012B)	0.28	U	0.28	0.15	mg/Kg	☼	05/30/25 20:58	06/01/25 21:01	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/28/25 14:53	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Sulfide, Reactive (SW846 9034)	**20.8**		20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1
Percent Moisture (EPA Moisture)	**24.8**		1.0	1.0	%			05/27/25 18:14	1
Percent Solids (EPA Moisture)	**75.2**		1.0	1.0	%			05/27/25 18:14	1

Client Sample ID: B4-1B_3-5_20250522
Lab Sample ID: 460-326806-6
Date Collected: 05/22/25 09:55
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 95.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.86	U	0.86	0.86	mg/Kg	☼	05/27/25 13:20	05/28/25 23:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*76*		*75 - 150*	*05/27/25 13:20*	*05/28/25 23:11*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**200**		46	2.9	mg/Kg	☼	05/28/25 18:27	05/30/25 12:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*10 - 150*	*05/28/25 18:27*	*05/30/25 12:48*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: B4-1B_8-10_20250522
Lab Sample ID: 460-326806-7
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 97.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.97	U	0.97	0.97	mg/Kg	☼	05/27/25 13:20	05/28/25 23:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*75 - 150*	*05/27/25 13:20*	*05/28/25 23:37*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	**21**		8.9	0.56	mg/Kg	☼	05/28/25 18:27	05/30/25 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*10 - 150*	*05/28/25 18:27*	*05/30/25 13:15*	*1*

Client Sample ID: B4-1B_8-10_20250522
Lab Sample ID: 460-326806-7
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 97.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.4		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	97.6		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: B4-4_13-15_20250522
Lab Sample ID: 460-326806-8
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 95.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	54		8.5	8.5	mg/Kg	☼	05/27/25 13:20	05/29/25 16:56	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*121*		*75 - 150*	*05/27/25 13:20*	*05/29/25 16:56*	*500*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	520		91	5.7	mg/Kg	☼	05/28/25 18:27	05/30/25 14:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*10 - 150*	*05/28/25 18:27*	*05/30/25 14:30*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.4		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	95.6		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: B4-4_15-17_20250522
Lab Sample ID: 460-326806-9
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 90.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	27		0.94	0.94	mg/Kg	☼	05/27/25 13:21	05/29/25 17:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*145*		*75 - 150*	*05/27/25 13:21*	*05/29/25 17:23*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	37		9.6	0.61	mg/Kg	☼	05/28/25 18:27	05/30/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*76*		*10 - 150*	*05/28/25 18:27*	*05/30/25 13:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: B1-4_20-22_20250522
Lab Sample ID: 460-326806-10
Date Collected: 05/22/25 13:35
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	48		5.4	5.4	mg/Kg	☼	05/27/25 13:21	05/29/25 16:30	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*138*		*75 - 150*	*05/27/25 13:21*	*05/29/25 16:30*	*200*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	26		9.5	0.60	mg/Kg	☼	05/28/25 18:27	05/30/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*10 - 150*	*05/28/25 18:27*	*05/30/25 14:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			05/25/25 12:56	1
Percent Solids (EPA Moisture)	91.4		1.0	1.0	%			05/25/25 12:56	1

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4-Dinitrophenol	0.29	U	0.29	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Chloronaphthalene	0.35	U	0.35	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
2-Nitrophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Anthracene	**0.027**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[a]anthracene	**0.10**		0.035	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[a]pyrene	**0.10**		0.035	0.0095	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[b]fluoranthene	**0.13**		0.035	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[g,h,i]perylene	**0.080**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Benzo[k]fluoranthene	**0.051**		0.035	0.0070	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Carbazole	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Chrysene	**0.11**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Dibenz(a,h)anthracene	**0.018**	**J**	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Dimethyl phthalate	0.35	U	0.35	0.081	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Fluoranthene	**0.22**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Indeno[1,2,3-cd]pyrene	**0.074**		0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Naphthalene	**0.0097**	**J**	0.35	0.0061	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Phenanthrene	**0.16**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Pyrene	**0.21**	**J**	0.35	0.0088	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1
Pyridine	0.35	U	0.35	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 12:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 12:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 137*	*05/29/25 20:31*	*05/30/25 12:29*	*1*
2-Fluorobiphenyl	*57*		*33 - 117*	*05/29/25 20:31*	*05/30/25 12:29*	*1*

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*54*		*24 - 120*	*05/29/25 20:31*	*05/30/25 12:29*	*1*
Nitrobenzene-d5 (Surr)	*47*		*27 - 120*	*05/29/25 20:31*	*05/30/25 12:29*	*1*
Phenol-d5 (Surr)	*54*		*28 - 118*	*05/29/25 20:31*	*05/30/25 12:29*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*05/29/25 20:31*	*05/30/25 12:29*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Chlordane (technical)	0.072	U	0.072	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
delta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endosulfan II	0.0072	U	0.0072	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endosulfan sulfate	0.0072	U	0.0072	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Methoxychlor	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:49*	*1*
DCB Decachlorobiphenyl	*90*		*17 - 150*	*05/30/25 10:27*	*05/31/25 14:49*	*1*
Tetrachloro-m-xylene	*67*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:49*	*1*
Tetrachloro-m-xylene	*69*		*21 - 150*	*05/30/25 10:27*	*05/31/25 14:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/30/25 23:44	1

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1

Date Collected: 05/21/25 08:50
Matrix: Solid

Date Received: 05/21/25 17:00
Percent Solids: 92.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:44*	*1*
DCB Decachlorobiphenyl	*132*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:44*	*1*
Tetrachloro-m-xylene	*108*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:44*	*1*
Tetrachloro-m-xylene	*103*		*20 - 150*	*05/30/25 10:23*	*05/30/25 23:44*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0077	mg/Kg	☼	05/30/25 05:32	05/31/25 01:07	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 01:07	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0038	mg/Kg	☼	05/30/25 05:32	05/31/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*171*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:07*	*1*
2,4-Dichlorophenylacetic acid	*186*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:07*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**170**		15	15	mg/Kg	☼	05/30/25 09:58	05/30/25 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*40 - 140*	*05/30/25 09:58*	*05/30/25 22:52*	*1*
1-Chlorooctadecane	*85*		*40 - 140*	*05/30/25 09:58*	*05/30/25 22:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8770**		17.1	4.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Antimony	**1.3**		0.85	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Arsenic	**4.7**		0.85	0.088	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Barium	**269**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Beryllium	**0.39**		0.34	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Boron	**4.8**	**J**	34.2	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Cadmium	**0.69**	**J**	0.85	0.097	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Calcium	**39900**		85.4	8.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Chromium	**20.1**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Cobalt	**5.4**		1.7	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Copper	**32.1**		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Iron	**14200**		51.2	6.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Lead	**434**		0.51	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Magnesium	**10500**		85.4	8.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Manganese	**268**		3.4	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Nickel	**15.2**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Potassium	**1590**		85.4	13.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Selenium	**0.20**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Silver	**0.13**	**J**	0.34	0.076	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Sodium	**487**		85.4	39.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Thallium	**0.13**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Tin	**18.1**		6.8	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Vanadium	**24.6**		1.7	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1
Zinc	**260**	**B**	6.8	0.93	mg/Kg	☼	05/30/25 20:45	05/31/25 11:44	1

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1

Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

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		06/02/25 12:34	06/02/25 17:49	10
Barium	**635**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:49	10
Cadmium	**5.3**	**J**	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:49	10
Chromium	**15.0**	**J**	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:49	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:49	10
Lead	**908**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:49	10
Nickel	**16.1**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:49	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:49	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:49	10
Zinc	**292**		160	65.2	ug/L		06/02/25 12:34	06/02/25 17:49	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		06/03/25 10:29	06/03/25 15:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.018	0.0083	mg/Kg	☼	05/30/25 00:43	05/30/25 04:28	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.7**	**HF**			SU			05/30/25 14:40	1
Temperature (SW846 9045D)	**21.6**	**HF**			Degrees C			05/30/25 14:40	1
Corrosivity (SW846 9045D)	**10.7**	**HF**			SU			05/30/25 14:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.92	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	**0.14**	**J**	0.24	0.13	mg/Kg	☼	05/30/25 20:54	06/01/25 20:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	25.0	U	25.0	25.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	20.0	U	20.0	20.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2

Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
1,2-Diphenylhydrazine	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4-Dimethylphenol	0.37	U *	0.37	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,4-Dinitrotoluene	0.076	U	0.076	0.040	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Nitroaniline	0.37	U	0.37	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
2-Nitrophenol	0.37	U	0.37	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
3-Nitroaniline	0.37	U	0.37	0.089	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Chloroaniline	0.37	U	0.37	0.067	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Nitroaniline	0.37	U	0.37	0.095	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzidine	0.37	U	0.37	0.079	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[a]anthracene	**0.028**	**J**	0.037	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[a]pyrene	**0.024**	**J**	0.037	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[b]fluoranthene	**0.027**	**J**	0.037	0.0097	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[g,h,i]perylene	**0.016**	**J**	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Benzo[k]fluoranthene	**0.012**	**J**	0.037	0.0074	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Butyl benzyl phthalate	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Chrysene	**0.025**	**J**	0.37	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Dibenzofuran	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Fluoranthene	**0.054**	**J**	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Indeno[1,2,3-cd]pyrene	**0.015**	**J**	0.037	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Naphthalene	0.37	U	0.37	0.0065	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Phenanthrene	**0.037**	**J**	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Pyrene	**0.047**	**J**	0.37	0.0093	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1
Pyridine	0.37	U	0.37	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 12:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 12:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 137*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
Nitrobenzene-d5 (Surr)	*51*		*27 - 120*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
Phenol-d5 (Surr)	*56*		*28 - 118*	*05/29/25 20:31*	*05/30/25 12:48*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*05/29/25 20:31*	*05/30/25 12:48*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
4,4'-DDE	0.0077	U	0.0077	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
alpha-BHC	0.0023	U	0.0023	0.00078	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
beta-BHC	0.0023	U	0.0023	0.00086	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
cis-Chlordane	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endosulfan sulfate	0.0077	U	0.0077	0.00097	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00071	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Heptachlor	0.0077	U	0.0077	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Heptachlor epoxide	0.0077	U	0.0077	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1
trans-Chlordane	0.0077	U	0.0077	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:02	1

Client Sample ID: A4_5-10_20250521
Date Collected: 05/21/25 08:55
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-2
Matrix: Solid
Percent Solids: 87.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:02*	*1*
DCB Decachlorobiphenyl	*83*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:02*	*1*
Tetrachloro-m-xylene	*88*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:02*	*1*
Tetrachloro-m-xylene	*90*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1221	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1232	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1242	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1248	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1254	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1260	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor 1268	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Aroclor-1262	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:00*	*1*
DCB Decachlorobiphenyl	*106*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:00*	*1*
Tetrachloro-m-xylene	*119*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:00*	*1*
Tetrachloro-m-xylene	*114*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:00*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.038	U	0.038	0.0081	mg/Kg	☼	05/30/25 05:32	05/31/25 01:26	1
2,4-D	0.038	U	0.038	0.014	mg/Kg	☼	05/30/25 05:32	05/31/25 01:26	1
Silvex (2,4,5-TP)	0.038	U *	0.038	0.0040	mg/Kg	☼	05/30/25 05:32	05/31/25 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*177*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:26*	*1*
2,4-Dichlorophenylacetic acid	*179*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:26*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**280**		16	16	mg/Kg	☼	05/30/25 09:58	05/30/25 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*114*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:06*	*1*
1-Chlorooctadecane	*121*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12600**		17.7	4.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Antimony	**0.48**	**J**	0.88	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Arsenic	**3.4**		0.88	0.091	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Barium	**125**		1.8	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Beryllium	**0.46**		0.35	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Boron	**5.0**	**J**	35.3	1.9	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Cadmium	**0.20**	**J**	0.88	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Calcium	**47200**		88.3	8.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**27.6**		1.8	0.26	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Cobalt	**8.3**		1.8	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Copper	**18.5**		1.8	0.33	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Iron	**19800**		53.0	6.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Lead	**124**		0.53	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Magnesium	**10900**		88.3	9.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Manganese	**320**		3.5	0.36	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Nickel	**17.8**		1.8	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Potassium	**3000**		88.3	14.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Selenium	**0.19**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Silver	0.35	U	0.35	0.079	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Sodium	**446**		88.3	40.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Thallium	**0.17**	**J**	0.35	0.036	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Tin	**3.9**	**J**	7.1	1.1	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Vanadium	**33.8**		1.8	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	1
Zinc	**106**	**B**	7.1	0.96	mg/Kg	☼	05/30/25 20:45	05/31/25 11:47	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		06/02/25 12:34	06/02/25 17:52	10
Barium	**497**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:52	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:52	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:52	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:52	10
Lead	**13.5**		12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:52	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:52	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:52	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:52	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:52	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		06/03/25 10:29	06/03/25 15:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.12**		0.018	0.0086	mg/Kg	☼	05/30/25 00:43	05/30/25 04:29	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.3**	**HF**			SU			05/30/25 14:42	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/30/25 14:42	1
Corrosivity (SW846 9045D)	**11.3**	**HF**			SU			05/30/25 14:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.3	U	2.3	0.96	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.26	U	0.26	0.14	mg/Kg	☼	05/30/25 20:54	06/01/25 20:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.9		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	87.1		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: A4-3_3-5_20250521
Lab Sample ID: 460-326877-3
Date Collected: 05/21/25 09:00
Matrix: Solid
Date Received: 05/21/25 17:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.0		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.0		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A4-3_3-5_20250521
Lab Sample ID: 460-326877-3
Date Collected: 05/21/25 09:00
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.0

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.2	U	1.2	1.2	mg/Kg	☼	05/30/25 10:05	06/02/25 14:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*75 - 150*	*05/30/25 10:05*	*06/02/25 14:12*	*50*

Client Sample ID: A4-3_8-10_20250521
Lab Sample ID: 460-326877-4
Date Collected: 05/21/25 09:05
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.2	U	1.2	1.2	mg/Kg	☼	05/30/25 10:05	05/30/25 16:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*126*		*75 - 150*	*05/30/25 10:05*	*05/30/25 16:38*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	31		9.3	0.59	mg/Kg	☼	05/30/25 08:37	05/30/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*91*		*10 - 150*	*05/30/25 08:37*	*05/30/25 21:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.5		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.5		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3_0-5_20250521
Lab Sample ID: 460-326877-5
Date Collected: 05/21/25 15:30
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_0-5_20250521
Date Collected: 05/21/25 15:30
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-5
Matrix: Solid
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzidine	0.36	U	0.36	0.076	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[a]pyrene	**0.011**	**J**	0.036	0.0096	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[b]fluoranthene	**0.014**	**J**	0.036	0.0093	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[g,h,i]perylene	**0.011**	**J**	0.36	0.011	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_0-5_20250521
Date Collected: 05/21/25 15:30
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-5
Matrix: Solid
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Fluoranthene	**0.017**	**J**	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Pyrene	**0.016**	**J**	0.36	0.0090	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/30/25 21:49	06/01/25 19:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/30/25 21:49*	*06/01/25 19:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
2-Fluorophenol (Surr)	*67*		*24 - 120*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*05/30/25 21:49*	*06/01/25 19:21*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*05/30/25 21:49*	*06/01/25 19:21*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
4,4'-DDE	0.0073	U	0.0073	0.00086	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
4,4'-DDT	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
beta-BHC	0.0022	U	0.0022	0.00081	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
cis-Chlordane	0.0073	U	0.0073	0.0012	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Dieldrin	0.0022	U	0.0022	0.00094	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endrin	0.0073	U *	0.0073	0.0010	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1

Client Sample ID: B3_0-5_20250521
Lab Sample ID: 460-326877-5

Date Collected: 05/21/25 15:30
Matrix: Solid

Date Received: 05/21/25 17:00
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00067	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Heptachlor	0.0073	U *	0.0073	0.00086	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1
trans-Chlordane	0.0073	U	0.0073	0.0013	mg/Kg	☼	05/31/25 06:34	06/02/25 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*17 - 150*	*05/31/25 06:34*	*06/02/25 06:40*	*1*
DCB Decachlorobiphenyl	*83*		*17 - 150*	*05/31/25 06:34*	*06/02/25 06:40*	*1*
Tetrachloro-m-xylene	*69*		*21 - 150*	*05/31/25 06:34*	*06/02/25 06:40*	*1*
Tetrachloro-m-xylene	*72*		*21 - 150*	*05/31/25 06:34*	*06/02/25 06:40*	*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	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/31/25 06:37	06/02/25 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*20 - 150*	*05/31/25 06:37*	*06/02/25 13:33*	*1*
DCB Decachlorobiphenyl	*118*		*20 - 150*	*05/31/25 06:37*	*06/02/25 13:33*	*1*
Tetrachloro-m-xylene	*94*		*20 - 150*	*05/31/25 06:37*	*06/02/25 13:33*	*1*
Tetrachloro-m-xylene	*103*		*20 - 150*	*05/31/25 06:37*	*06/02/25 13:33*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U *	0.036	0.0077	mg/Kg	☼	05/31/25 04:52	05/31/25 23:14	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/31/25 04:52	05/31/25 23:14	1
Silvex (2,4,5-TP)	0.036	U	0.036	0.0038	mg/Kg	☼	05/31/25 04:52	05/31/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*125*		*41 - 150*	*05/31/25 04:52*	*05/31/25 23:14*	*1*
2,4-Dichlorophenylacetic acid	*125*		*41 - 150*	*05/31/25 04:52*	*05/31/25 23:14*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**83**		15	15	mg/Kg	☼	05/31/25 06:12	06/02/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*40 - 140*	*05/31/25 06:12*	*06/02/25 11:48*	*1*
1-Chlorooctadecane	*101*		*40 - 140*	*05/31/25 06:12*	*06/02/25 11:48*	*1*

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_0-5_20250521
Date Collected: 05/21/25 15:30
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-5
Matrix: Solid
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4510		16.9	4.6	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Antimony	0.84	U	0.84	0.12	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Arsenic	1.4		0.84	0.087	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Barium	34.7		1.7	0.12	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Beryllium	0.31	J	0.34	0.019	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Boron	3.8	J	33.8	1.8	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Cadmium	0.84	U	0.84	0.095	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Calcium	6010		84.4	8.2	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Chromium	13.9		1.7	0.25	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Cobalt	5.9		1.7	0.12	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Copper	12.8		1.7	0.31	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Iron	34400		50.7	6.5	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Lead	6.2		0.51	0.17	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Magnesium	3860		84.4	8.6	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Manganese	449		3.4	0.34	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Nickel	13.1		1.7	0.15	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Potassium	1360		84.4	13.7	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Selenium	0.19	J	1.1	0.11	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Sodium	219		84.4	38.6	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Thallium	0.12	J	0.34	0.035	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Tin	6.8	U	6.8	1.0	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Vanadium	30.0		1.7	0.17	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	1
Zinc	31.3		6.8	0.92	mg/Kg	☼	05/30/25 23:50	05/31/25 16:32	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		06/03/25 12:40	06/04/25 14:28	10
Barium	721		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:28	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:28	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:28	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:28	10
Lead	33.1		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:28	10
Nickel	40.0	U	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:28	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:28	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:28	10
Zinc	84.7	J	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:28	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		06/03/25 10:29	06/03/25 15:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.018	0.0084	mg/Kg	☼	06/02/25 01:11	06/02/25 06:12	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	10.4	HF			SU			06/02/25 16:25	1
Temperature (SW846 9045D)	22.6	HF			Degrees C			06/02/25 16:25	1

Client Sample ID: B3_0-5_20250521
Lab Sample ID: 460-326877-5
Date Collected: 05/21/25 15:30
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 91.8

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**10.4**	**HF**			SU			06/02/25 16:25	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.91	mg/Kg	☼	06/03/25 12:00	06/03/25 16:30	1
Cyanide, Total (SW846 9012B)	**0.15**	**J**	0.26	0.14	mg/Kg	☼	05/30/25 20:58	06/01/25 21:09	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			06/03/25 15:06	1
Cyanide, Reactive (SW846 9014)	24.8	U	24.8	24.8	mg/Kg		06/02/25 09:30	06/02/25 14:15	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		06/02/25 09:30	06/02/25 14:15	1
Percent Moisture (EPA Moisture)	**8.2**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**91.8**		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6
Date Collected: 05/21/25 15:35
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
1,2-Diphenylhydrazine	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4-Dimethylphenol	0.37	U *	0.37	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Methylnaphthalene	**0.030**	**J**	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6
Date Collected: 05/21/25 15:35
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzidine	0.37	U	0.37	0.077	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0096	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Chrysene	0.37	U	0.37	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Naphthalene	**0.015**	**J**	0.37	0.0064	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Pyrene	0.37	U	0.37	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1
Pyridine	0.37	U	0.37	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 13:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 13:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 137*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
Nitrobenzene-d5 (Surr)	*54*		*27 - 120*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*05/29/25 20:31*	*05/30/25 13:27*	*1*
Terphenyl-d14 (Surr)	*65*		*33 - 124*	*05/29/25 20:31*	*05/30/25 13:27*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6
Date Collected: 05/21/25 15:35
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 88.6

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0075	U	0.0075	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
4,4'-DDE	0.0075	U	0.0075	0.00089	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
4,4'-DDT	0.0075	U	0.0075	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Chlordane (technical)	0.075	U	0.075	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
cis-Chlordane	0.0075	U	0.0075	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Dieldrin	0.0022	U	0.0022	0.00098	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00070	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Heptachlor	0.0075	U	0.0075	0.00089	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1
trans-Chlordane	0.0075	U	0.0075	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:15*	*1*
DCB Decachlorobiphenyl	*90*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:15*	*1*
Tetrachloro-m-xylene	*73*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:15*	*1*
Tetrachloro-m-xylene	*77*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:17*	*1*
DCB Decachlorobiphenyl	*125*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:17*	*1*
Tetrachloro-m-xylene	*109*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:17*	*1*
Tetrachloro-m-xylene	*108*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:17*	*1*

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6

Date Collected: 05/21/25 15:35
Matrix: Solid

Date Received: 05/21/25 17:00
Percent Solids: 88.6

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.038	U	0.038	0.0080	mg/Kg	☼	05/30/25 05:32	05/31/25 01:45	1
2,4-D	0.038	U	0.038	0.014	mg/Kg	☼	05/30/25 05:32	05/31/25 01:45	1
Silvex (2,4,5-TP)	0.038	U *	0.038	0.0039	mg/Kg	☼	05/30/25 05:32	05/31/25 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*175*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:45*	*1*
2,4-Dichlorophenylacetic acid	*185*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 01:45*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**39**		16	16	mg/Kg	☼	05/30/25 09:58	05/30/25 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:21*	*1*
1-Chlorooctadecane	*88*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10100**		16.8	4.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Antimony	0.84	U	0.84	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Arsenic	**1.1**		0.84	0.087	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Barium	**47.9**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Beryllium	**0.56**		0.34	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Boron	**2.5**	**J**	33.7	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Cadmium	0.84	U	0.84	0.095	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Calcium	**19300**		84.2	8.2	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Chromium	**20.0**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Cobalt	**7.5**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Copper	**14.8**		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Iron	**17600**		50.5	6.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Lead	**7.4**		0.51	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Magnesium	**7770**		84.2	8.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Manganese	**274**		3.4	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Nickel	**16.0**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Potassium	**2450**		84.2	13.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Sodium	**513**		84.2	38.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Thallium	**0.18**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Tin	**1.2**	**J**	6.7	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Vanadium	**29.7**		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	1
Zinc	**45.3**	**B**	6.7	0.92	mg/Kg	☼	05/30/25 20:45	05/31/25 11:30	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		06/02/25 12:34	06/02/25 17:07	10
Barium	**351**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:07	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:07	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:07	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:07	10
Lead	**8.5**	**J**	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:07	10

Client Sample ID: B3_10-15_20250521
Lab Sample ID: 460-326877-6
Date Collected: 05/21/25 15:35
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**14.0**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:07	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:07	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:07	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:07	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		06/03/25 10:29	06/03/25 16:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.0083	mg/Kg	☼	05/30/25 00:43	05/30/25 04:33	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10**	**HF**			SU			05/30/25 14:44	1
Temperature (SW846 9045D)	**21.3**	**HF**			Degrees C			05/30/25 14:44	1
Corrosivity (SW846 9045D)	**10**	**HF**			SU			05/30/25 14:44	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.93	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.26	U	0.26	0.14	mg/Kg	☼	05/30/25 20:54	06/01/25 20:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7
Date Collected: 05/21/25 15:40
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
1,2-Diphenylhydrazine	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4-Dimethylphenol	0.36	U *	0.36	0.043	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7
Date Collected: 05/21/25 15:40
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Chloroaniline	0.36	U	0.36	0.063	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Nitroaniline	0.36	U	0.36	0.090	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzidine	0.36	U	0.36	0.075	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[a]pyrene	0.036	U	0.036	0.0095	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0070	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Caprolactam	0.36	U	0.36	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Diethyl phthalate	0.36	U	0.36	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Dimethyl phthalate	0.36	U	0.36	0.081	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Di-n-butyl phthalate	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Fluoranthene	0.36	U	0.36	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Fluorene	0.36	U	0.36	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Hexachlorobutadiene	0.072	U	0.072	0.0076	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Naphthalene	**0.013**	**J**	0.36	0.0062	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7
Date Collected: 05/21/25 15:40
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.36	U	0.36	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Pentachlorophenol	0.29	U	0.29	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Pyrene	0.36	U	0.36	0.0089	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1
Pyridine	0.36	U	0.36	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 13:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.33*	*A J*	*mg/Kg*	☼	*1.54*	*N/A*	*05/29/25 20:31*	*05/30/25 13:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
Nitrobenzene-d5 (Surr)	*54*		*27 - 120*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*05/29/25 20:31*	*05/30/25 13:47*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*05/29/25 20:31*	*05/30/25 13:47*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:28*	*1*
DCB Decachlorobiphenyl	*105*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:28*	*1*
Tetrachloro-m-xylene	*87*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:28*	*1*
Tetrachloro-m-xylene	*91*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:28*	*1*

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7

Date Collected: 05/21/25 15:40
Matrix: Solid

Date Received: 05/21/25 17:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*144*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:34*	*1*
DCB Decachlorobiphenyl	*145*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:34*	*1*
Tetrachloro-m-xylene	*135*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:34*	*1*
Tetrachloro-m-xylene	*134*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U	0.036	0.0076	mg/Kg	☼	05/30/25 05:32	05/31/25 02:04	1
2,4-D	0.036	U	0.036	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 02:04	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 05:32	05/31/25 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*153*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 02:04*	*1*
2,4-Dichlorophenylacetic acid	*153*	*	*41 - 150*	*05/30/25 05:32*	*05/31/25 02:04*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**15**		15	15	mg/Kg	☼	05/30/25 09:58	05/30/25 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*80*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:35*	*1*
1-Chlorooctadecane	*82*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7290**		16.0	4.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Antimony	0.80	U	0.80	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Arsenic	**0.55**	**J**	0.80	0.082	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Barium	**44.5**		1.6	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Beryllium	**0.76**		0.32	0.018	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Boron	**2.1**	**J**	32.0	1.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Cadmium	0.80	U	0.80	0.090	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Calcium	**27500**		80.1	7.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Chromium	**15.3**		1.6	0.24	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Cobalt	**6.7**		1.6	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Copper	**14.8**		1.6	0.29	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Iron	**16200**		48.0	6.1	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Lead	**10.8**		0.48	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Magnesium	**16900**		80.1	8.2	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1

Client Sample ID: B3_15-20_20250521
Lab Sample ID: 460-326877-7
Date Collected: 05/21/25 15:40
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**220**		3.2	0.32	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Nickel	**15.7**		1.6	0.14	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Potassium	**1530**		80.1	13.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Selenium	1.0	U	1.0	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Silver	0.32	U	0.32	0.071	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Sodium	**229**		80.1	36.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Thallium	**0.11**	**J**	0.32	0.033	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Tin	6.4	U	6.4	0.98	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Vanadium	**25.7**		1.6	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	1
Zinc	**44.8**	**B**	6.4	0.87	mg/Kg	☼	05/30/25 20:45	05/31/25 11:33	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		06/02/25 12:34	06/02/25 17:54	10
Barium	**408**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:54	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 17:54	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 17:54	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 17:54	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 17:54	10
Nickel	**52.0**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 17:54	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 17:54	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 17:54	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 17:54	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		06/03/25 10:29	06/03/25 16:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**	**J**	0.018	0.0086	mg/Kg	☼	05/30/25 00:43	05/30/25 04:35	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:50	1
Temperature (SW846 9045D)	**21.8**	**HF**			Degrees C			05/30/25 14:50	1
Corrosivity (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:50	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.88	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 20:54	06/01/25 20:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.5**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**92.5**		1.0	1.0	%			05/30/25 08:30	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_5-10_20250521
Date Collected: 05/21/25 15:45
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-8
Matrix: Solid
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
1,2-Diphenylhydrazine	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4-Dimethylphenol	0.37	U *	0.37	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Acenaphthylene	0.37	U	0.37	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzidine	0.37	U	0.37	0.077	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8
Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Naphthalene	0.37	U	0.37	0.0063	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Phenol	0.37	U	0.37	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1
Pyridine	0.37	U	0.37	0.052	mg/Kg	☼	05/29/25 20:31	05/30/25 14:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 14:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
Nitrobenzene-d5 (Surr)	*52*		*27 - 120*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
Phenol-d5 (Surr)	*59*		*28 - 118*	*05/29/25 20:31*	*05/30/25 14:06*	*1*
Terphenyl-d14 (Surr)	*69*		*33 - 124*	*05/29/25 20:31*	*05/30/25 14:06*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
4,4'-DDE	0.0074	U	0.0074	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
4,4'-DDT	0.0074	U	0.0074	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
cis-Chlordane	0.0074	U	0.0074	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8
Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1
trans-Chlordane	0.0074	U	0.0074	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:41*	*1*
DCB Decachlorobiphenyl	*86*		*17 - 150*	*05/30/25 10:27*	*05/31/25 15:41*	*1*
Tetrachloro-m-xylene	*72*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:41*	*1*
Tetrachloro-m-xylene	*73*		*21 - 150*	*05/30/25 10:27*	*05/31/25 15:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	05/30/25 10:23	05/31/25 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:50*	*1*
DCB Decachlorobiphenyl	*110*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:50*	*1*
Tetrachloro-m-xylene	*102*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:50*	*1*
Tetrachloro-m-xylene	*96*		*20 - 150*	*05/30/25 10:23*	*05/31/25 00:50*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.037	U	0.037	0.0079	mg/Kg	☼	05/30/25 05:32	05/31/25 02:23	1
2,4-D	0.037	U	0.037	0.013	mg/Kg	☼	05/30/25 05:32	05/31/25 02:23	1
Silvex (2,4,5-TP)	0.037	U *	0.037	0.0039	mg/Kg	☼	05/30/25 05:32	05/31/25 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*140*		*41 - 150*	*05/30/25 05:32*	*05/31/25 02:23*	*1*
2,4-Dichlorophenylacetic acid	*149*		*41 - 150*	*05/30/25 05:32*	*05/31/25 02:23*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	**24**		16	16	mg/Kg	☼	05/30/25 09:58	05/30/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*88*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:49*	*1*
1-Chlorooctadecane	*89*		*40 - 140*	*05/30/25 09:58*	*05/30/25 23:49*	*1*

Client Sample ID: B3_5-10_20250521

Date Collected: 05/21/25 15:45
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-8

Matrix: Solid
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11200**		16.8	4.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Antimony	**0.13**	**J**	0.84	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Arsenic	**1.8**		0.84	0.087	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Barium	**38.6**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Beryllium	**0.57**		0.34	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Boron	**3.0**	**J**	33.7	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Cadmium	**0.30**	**J**	0.84	0.095	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Calcium	**21700**		84.2	8.2	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Chromium	**18.1**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Cobalt	**7.2**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Copper	**16.9**		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Iron	**17100**		50.5	6.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Lead	**18.3**		0.50	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Magnesium	**6340**		84.2	8.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Manganese	**317**		3.4	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Nickel	**16.1**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Potassium	**1640**		84.2	13.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Sodium	**547**		84.2	38.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Thallium	**0.16**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Tin	6.7	U	6.7	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Vanadium	**24.5**		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	1
Zinc	**51.8**	**B**	6.7	0.92	mg/Kg	☼	05/30/25 20:45	05/31/25 11:41	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		06/02/25 12:34	06/02/25 18:14	10
Barium	**390**		40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:14	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 18:14	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 18:14	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 18:14	10
Lead	**10.9**	**J**	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 18:14	10
Nickel	**9.6**	**J**	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:14	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 18:14	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 18:14	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 18:14	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		06/03/25 10:29	06/03/25 16:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**		0.018	0.0086	mg/Kg	☼	05/30/25 00:43	05/30/25 04:40	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.8**	**HF**			SU			05/30/25 14:54	1
Temperature (SW846 9045D)	**21.3**	**HF**			Degrees C			05/30/25 14:54	1

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8
Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 90.0

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**9.8**	**HF**			SU			05/30/25 14:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.2	U	2.2	0.94	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.23	U	0.23	0.13	mg/Kg	☼	05/30/25 20:54	06/01/25 20:31	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**10**		1.0	1.0	%			05/30/25 08:30	1
Percent Solids (EPA Moisture)	**90.0**		1.0	1.0	%			05/30/25 08:30	1

Client Sample ID: B3-4_3-5_20250521
Lab Sample ID: 460-326877-9
Date Collected: 05/21/25 10:00
Matrix: Solid
Date Received: 05/21/25 17:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3-4_3-5_20250521
Lab Sample ID: 460-326877-9
Date Collected: 05/21/25 10:00
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	0.95	U	0.95	0.95	mg/Kg	☼	05/30/25 10:05	06/02/25 14:39	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*100*		*75 - 150*	*05/30/25 10:05*	*06/02/25 14:39*	*50*

Client Sample ID: B3-4_6-8_20250521
Lab Sample ID: 460-326877-10
Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:06	05/30/25 17:04	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*75 - 150*	*05/30/25 10:06*	*05/30/25 17:04*	*50*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	9.0	U	9.0	0.57	mg/Kg	☼	05/30/25 08:37	05/30/25 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*100*		*10 - 150*	*05/30/25 08:37*	*05/30/25 21:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3-4_6-8_20250521
Lab Sample ID: 460-326877-10
Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	96.4		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3-4_13-15_20250521
Lab Sample ID: 460-326877-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	440		50	50	mg/Kg	☼	05/30/25 10:06	05/30/25 20:58	2500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*0*	*D*	*75 - 150*	*05/30/25 10:06*	*05/30/25 20:58*	*2500*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	30		9.0	0.57	mg/Kg	☼	05/30/25 08:37	05/30/25 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*95*		*10 - 150*	*05/30/25 08:37*	*05/30/25 22:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.6		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	96.4		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B3-4_16-18_20250521
Lab Sample ID: 460-326877-12
Date Collected: 05/21/25 10:20
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	370		46	46	mg/Kg	☼	05/30/25 10:06	05/30/25 21:24	2500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*0*	*D*	*75 - 150*	*05/30/25 10:06*	*05/30/25 21:24*	*2500*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	61		9.3	0.58	mg/Kg	☼	05/30/25 08:37	05/30/25 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*10 - 150*	*05/30/25 08:37*	*05/30/25 22:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.4		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.6		1.0	1.0	%			05/29/25 20:13	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_0-5_20250519
Date Collected: 05/19/25 11:30
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-1
Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Acenaphthylene	**0.025**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Anthracene	**0.040**	**J**	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzidine	0.35	U	0.35	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[a]anthracene	**0.12**		0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[a]pyrene	**0.12**		0.035	0.0093	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[b]fluoranthene	**0.14**		0.035	0.0090	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[g,h,i]perylene	**0.10**	**J**	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Benzo[k]fluoranthene	**0.055**		0.035	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Carbazole	**0.021**	**J**	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Chrysene	**0.11**	**J**	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Dibenz(a,h)anthracene	**0.019**	**J**	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A1_0-5_20250519
Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**0.016**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Fluoranthene	**0.26**	**J**	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Hexachlorobutadiene	0.071	U	0.071	0.0074	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Indeno[1,2,3-cd]pyrene	**0.086**		0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Naphthalene	**0.0069**	**J**	0.35	0.0060	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Phenanthrene	**0.24**	**J**	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Pyrene	**0.20**	**J**	0.35	0.0087	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:31	05/30/25 12:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.31*	*A J*	*mg/Kg*	☼	*1.54*	*N/A*	*05/29/25 20:31*	*05/30/25 12:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
2-Fluorophenol (Surr)	*62*		*24 - 120*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*05/29/25 20:31*	*05/30/25 12:09*	*1*
Terphenyl-d14 (Surr)	*68*		*33 - 124*	*05/29/25 20:31*	*05/30/25 12:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1

Client Sample ID: A1_0-5_20250519
Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1
trans-Chlordane	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:08*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:08*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:08*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*147*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:07*	*1*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:07*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:07*	*1*
Tetrachloro-m-xylene	*120*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:07*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U *	0.035	0.0075	mg/Kg	☼	05/30/25 06:13	05/31/25 09:21	1
2,4-D	0.035	U *	0.035	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 09:21	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0037	mg/Kg	☼	05/30/25 06:13	05/31/25 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*154*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:21*	*1*
2,4-Dichlorophenylacetic acid	*150*		*38 - 150*	*05/30/25 06:13*	*05/31/25 09:21*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*40 - 140*	*05/29/25 18:38*	*05/30/25 11:14*	*1*
1-Chlorooctadecane	*104*		*40 - 140*	*05/29/25 18:38*	*05/30/25 11:14*	*1*

Client Sample ID: A1_0-5_20250519

Date Collected: 05/19/25 11:30
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-1

Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10200**		17.2	4.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Antimony	**0.49**	**J**	0.86	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Arsenic	**3.8**		0.86	0.089	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Barium	**113**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Beryllium	**0.52**		0.34	0.019	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Boron	**5.1**	**J**	34.4	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Cadmium	**0.32**	**J**	0.86	0.097	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Calcium	**55600**		86.0	8.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Chromium	**20.8**		1.7	0.26	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Cobalt	**6.7**		1.7	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Copper	**27.4**		1.7	0.32	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Iron	**16400**		51.6	6.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Lead	**143**		0.52	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Magnesium	**15100**		86.0	8.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Manganese	**300**		3.4	0.35	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Nickel	**15.5**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Potassium	**2280**		86.0	13.9	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Selenium	**0.12**	**J**	1.1	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Silver	0.34	U	0.34	0.077	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Sodium	**576**		86.0	39.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Thallium	**0.16**	**J**	0.34	0.035	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Tin	**6.2**	**J**	6.9	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Vanadium	**30.2**		1.7	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	1
Zinc	**146**	**B**	6.9	0.94	mg/Kg	☼	05/30/25 20:45	05/31/25 11:52	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		06/03/25 12:40	06/04/25 14:31	10
Barium	**650**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:31	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:31	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:31	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:31	10
Lead	**41.2**		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:31	10
Nickel	40.0	U	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:31	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:31	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:31	10
Zinc	160	U	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:31	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		06/04/25 10:18	06/04/25 14:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.15**		0.017	0.0079	mg/Kg	☼	05/30/25 01:23	05/30/25 05:06	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:00	1
Temperature (SW846 9045D)	**21.9**	**HF**			Degrees C			05/30/25 14:00	1

Client Sample ID: A1_0-5_20250519
Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

General Chemistry (Continued)

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity (SW846 9045D)	**9.6**	**HF**			SU			05/30/25 14:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 13:00	06/02/25 14:05	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	05/30/25 19:45	06/01/25 19:27	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2
Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
1,2-Diphenylhydrazine	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4-Dimethylphenol	0.34	U *	0.34	0.041	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Methylnaphthalene	0.34	U	0.34	0.0097	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Nitroaniline	0.34	U	0.34	0.088	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_5-10_20250519
Date Collected: 05/19/25 11:45
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-2
Matrix: Solid
Percent Solids: 95.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzidine	0.34	U	0.34	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[a]pyrene	**0.015**	**J**	0.034	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[b]fluoranthene	**0.022**	**J**	0.034	0.0089	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[g,h,i]perylene	**0.015**	**J**	0.34	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Benzo[k]fluoranthene	**0.0099**	**J**	0.034	0.0068	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Chrysene	0.34	U	0.34	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Fluoranthene	**0.019**	**J**	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Indeno[1,2,3-cd]pyrene	**0.013**	**J**	0.034	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Pyrene	**0.018**	**J**	0.34	0.0086	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1
Pyridine	0.34	U	0.34	0.049	mg/Kg	☼	05/29/25 20:31	05/30/25 10:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼		*N/A*	*05/29/25 20:31*	*05/30/25 10:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
2-Fluorobiphenyl	*49*		*33 - 117*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
2-Fluorophenol (Surr)	*44*		*24 - 120*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
Nitrobenzene-d5 (Surr)	*39*		*27 - 120*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
Phenol-d5 (Surr)	*45*		*28 - 118*	*05/29/25 20:31*	*05/30/25 10:13*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*05/29/25 20:31*	*05/30/25 10:13*	*1*

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2

Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1
trans-Chlordane	0.0070	U	0.0070	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:21*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:21*	*1*
Tetrachloro-m-xylene	*70*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:21*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:24*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:24*	*1*
Tetrachloro-m-xylene	*94*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:24*	*1*
Tetrachloro-m-xylene	*87*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:24*	*1*

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2

Date Collected: 05/19/25 11:45
Matrix: Solid

Date Received: 05/21/25 16:00
Percent Solids: 95.4

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U *	0.035	0.0074	mg/Kg	☼	05/30/25 06:13	05/31/25 09:40	1
2,4-D	0.035	U *	0.035	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 09:40	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0036	mg/Kg	☼	05/30/25 06:13	05/31/25 09:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*199*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:40*	*1*
2,4-Dichlorophenylacetic acid	*151*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:40*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*113*		*40 - 140*	*05/29/25 18:38*	*05/30/25 11:28*	*1*
1-Chlorooctadecane	*108*		*40 - 140*	*05/29/25 18:38*	*05/30/25 11:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12200**		15.6	4.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Antimony	**0.56**	**J**	0.78	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Arsenic	**2.5**		0.78	0.081	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Barium	**58.4**		1.6	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Beryllium	**0.71**		0.31	0.017	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Boron	**4.6**	**J**	31.3	1.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Cadmium	**0.21**	**J**	0.78	0.088	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Calcium	**76700**		78.2	7.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Chromium	**21.1**		1.6	0.23	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Cobalt	**7.3**		1.6	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Copper	**20.3**		1.6	0.29	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Iron	**18800**		46.9	6.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Lead	**174**		0.47	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Magnesium	**8070**		78.2	8.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Manganese	**370**		3.1	0.32	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Nickel	**15.8**		1.6	0.14	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Potassium	**1790**		78.2	12.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Selenium	**0.11**	**J**	0.98	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Silver	0.31	U	0.31	0.070	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Sodium	**1150**		78.2	35.7	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Thallium	**0.14**	**J**	0.31	0.032	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Tin	**11.1**		6.3	0.95	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Vanadium	**27.7**		1.6	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	1
Zinc	**125**	**B**	6.3	0.85	mg/Kg	☼	05/30/25 20:45	05/31/25 11:55	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		06/03/25 12:40	06/04/25 14:39	10
Barium	**686**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:39	10
Cadmium	**3.2**	**J**	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:39	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:39	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:39	10
Lead	**53.5**		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:39	10

Client Sample ID: A1_5-10_20250519
Lab Sample ID: 460-327048-2
Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**10.2**	**J**	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:39	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:39	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:39	10
Zinc	**309**		160	65.2	ug/L		06/03/25 12:40	06/04/25 14:39	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		06/04/25 10:18	06/04/25 14:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.016	0.0075	mg/Kg	☼	05/30/25 01:23	05/30/25 05:07	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.0**	**HF**			SU			05/30/25 14:04	1
Temperature (SW846 9045D)	**21.6**	**HF**			Degrees C			05/30/25 14:04	1
Corrosivity (SW846 9045D)	**11.0**	**HF**			SU			05/30/25 14:04	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 13:00	06/02/25 14:05	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 19:45	06/01/25 19:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Free Liquid (SW846 9095B)	0.500	U	0.500	0.500	mL/100g			05/30/25 12:53	1
Percent Moisture (EPA Moisture)	**4.6**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**95.4**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_10-15_20250519
Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A1_10-15_20250519
Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzidine	0.35	U	0.35	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1

Client Sample ID: A1_10-15_20250519
Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:31	05/30/25 10:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.48*	*A J*	*mg/Kg*	☼	*1.53*	*N/A*	*05/29/25 20:31*	*05/30/25 10:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 137*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
2-Fluorophenol (Surr)	*63*		*24 - 120*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 120*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*05/29/25 20:31*	*05/30/25 10:33*	*1*
Terphenyl-d14 (Surr)	*62*		*33 - 124*	*05/29/25 20:31*	*05/30/25 10:33*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1
trans-Chlordane	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:34*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:34*	*1*
Tetrachloro-m-xylene	*91*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:34*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:34*	*1*

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A1_10-15_20250519
Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*143*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:40*	*1*
DCB Decachlorobiphenyl	*139*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:40*	*1*
Tetrachloro-m-xylene	*130*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:40*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:40*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U *	0.036	0.0076	mg/Kg	☼	05/30/25 06:13	05/31/25 09:59	1
2,4-D	0.036	U *	0.036	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 09:59	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 06:13	05/31/25 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*162*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:59*	*1*
2,4-Dichlorophenylacetic acid	*151*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 09:59*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:10*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16900**		16.6	4.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Antimony	**0.15**	**J**	0.83	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Arsenic	**1.8**		0.83	0.085	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Barium	**47.5**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Beryllium	**1.1**		0.33	0.018	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Boron	**3.7**	**J**	33.1	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Cadmium	**0.12**	**J**	0.83	0.094	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Calcium	**25300**		82.8	8.1	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Chromium	**26.6**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Cobalt	**9.0**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Copper	**20.1**		1.7	0.30	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Iron	**21400**		49.7	6.3	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Lead	**29.5**		0.50	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Magnesium	**8440**		82.8	8.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_10-15_20250519
Date Collected: 05/19/25 12:00
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-3
Matrix: Solid
Percent Solids: 93.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	457		3.3	0.33	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Nickel	20.0		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Potassium	1130		82.8	13.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Selenium	0.14	J	1.0	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Sodium	947		82.8	37.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Thallium	0.18	J	0.33	0.034	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Tin	4.3	J	6.6	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Vanadium	31.5		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	1
Zinc	67.8	B	6.6	0.90	mg/Kg	☼	05/30/25 20:45	05/31/25 11:58	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		06/03/25 12:40	06/04/25 14:42	10
Barium	543		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:42	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:42	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:42	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:42	10
Lead	12.0	U	12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:42	10
Nickel	9.1	J	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:42	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:42	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:42	10
Zinc	160	U	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:42	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		06/04/25 10:18	06/04/25 14:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0085	mg/Kg	☼	05/30/25 01:23	05/30/25 05:09	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	10.7	HF			SU			05/30/25 14:06	1
Temperature (SW846 9045D)	21.8	HF			Degrees C			05/30/25 14:06	1
Corrosivity (SW846 9045D)	10.7	HF			SU			05/30/25 14:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.91	mg/Kg	☼	05/31/25 13:00	06/02/25 14:05	1
Cyanide, Total (SW846 9012B)	0.21	U	0.21	0.11	mg/Kg	☼	05/30/25 19:45	06/01/25 19:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	6.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.7		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_3-5_20250519
Lab Sample ID: 460-327048-4
Date Collected: 05/19/25 11:35
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_3-5_20250519
Lab Sample ID: 460-327048-4
Date Collected: 05/19/25 11:35
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 92.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:07	05/31/25 00:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*135*		*75 - 150*	*05/30/25 10:07*	*05/31/25 00:55*	*50*

Client Sample ID: A1_8-10_20250519
Lab Sample ID: 460-327048-5
Date Collected: 05/19/25 11:40
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	7.6		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	92.4		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_8-10_20250519
Lab Sample ID: 460-327048-5
Date Collected: 05/19/25 11:40
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 92.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.2	U	1.2	1.2	mg/Kg	☼	05/30/25 10:07	05/31/25 01:21	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*137*		*75 - 150*	*05/30/25 10:07*	*05/31/25 01:21*	*50*

Client Sample ID: A1_13-15_20250519
Lab Sample ID: 460-327048-6
Date Collected: 05/19/25 11:50
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.3		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	6.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.7		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	93.7		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: A1_13-15_20250519
Lab Sample ID: 460-327048-6

Date Collected: 05/19/25 11:50
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.1	U	1.1	1.1	mg/Kg	☼	05/30/25 10:07	05/31/25 01:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*130*		*75 - 150*	*05/30/25 10:07*	*05/31/25 01:47*	*50*

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7

Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.40	U	0.40	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
1,2,4,5-Tetrachlorobenzene	0.40	U	0.40	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
1,2-Diphenylhydrazine	0.40	U	0.40	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
1,4-Dioxane	0.040	U	0.040	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,2'-oxybis[1-chloropropane]	0.40	U	0.40	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,3,4,6-Tetrachlorophenol	0.40	U	0.40	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4,5-Trichlorophenol	0.40	U	0.40	0.041	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4-Dichlorophenol	0.16	U	0.16	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4-Dimethylphenol	0.40	U *	0.40	0.048	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4-Dinitrophenol	0.32	U	0.32	0.20	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,4-Dinitrotoluene	0.081	U	0.081	0.043	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2,6-Dinitrotoluene	0.081	U	0.081	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Chloronaphthalene	0.40	U	0.40	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Chlorophenol	0.40	U	0.40	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Methylnaphthalene	0.40	U	0.40	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Methylphenol	0.40	U	0.40	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Nitroaniline	0.40	U	0.40	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
2-Nitrophenol	0.40	U	0.40	0.040	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.060	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
3-Nitroaniline	0.40	U	0.40	0.095	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4,6-Dinitro-2-methylphenol	0.32	U	0.32	0.16	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Bromophenyl phenyl ether	0.40	U	0.40	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Chloro-3-methylphenol	0.40	U	0.40	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Chloroaniline	0.40	U	0.40	0.071	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Chlorophenyl phenyl ether	0.40	U	0.40	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Methylphenol	0.40	U	0.40	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Nitroaniline	0.40	U	0.40	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
4-Nitrophenol	0.81	U	0.81	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Acenaphthene	0.40	U	0.40	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Acenaphthylene	0.40	U	0.40	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Acetophenone	0.40	U	0.40	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Anthracene	0.40	U	0.40	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Atrazine	0.16	U	0.16	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzaldehyde	0.40	U	0.40	0.066	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzidine	0.40	U	0.40	0.084	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzo[a]anthracene	0.040	U	0.040	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzo[a]pyrene	**0.017**	**J**	0.040	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzo[b]fluoranthene	**0.022**	**J**	0.040	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.40	U	0.40	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Benzo[k]fluoranthene	0.040	U	0.040	0.0078	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Bis(2-chloroethoxy)methane	0.40	U	0.40	0.074	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Bis(2-chloroethyl)ether	0.040	U	0.040	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Butyl benzyl phthalate	0.40	U	0.40	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Caprolactam	0.40	U	0.40	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Carbazole	0.40	U	0.40	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Chrysene	**0.017**	**J**	0.40	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Dibenz(a,h)anthracene	0.040	U	0.040	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Dibenzofuran	0.40	U	0.40	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Diethyl phthalate	0.40	U	0.40	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Dimethyl phthalate	0.40	U	0.40	0.091	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Di-n-butyl phthalate	0.40	U	0.40	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Di-n-octyl phthalate	0.40	U	0.40	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Fluoranthene	**0.033**	**J**	0.40	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Fluorene	0.40	U	0.40	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Hexachlorobenzene	0.040	U	0.040	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Hexachlorobutadiene	0.081	U	0.081	0.0085	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Hexachlorocyclopentadiene	0.40	U	0.40	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Hexachloroethane	0.040	U	0.040	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Indeno[1,2,3-cd]pyrene	0.040	U	0.040	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Isophorone	0.16	U	0.16	0.12	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Naphthalene	0.40	U	0.40	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Nitrobenzene	0.040	U	0.040	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
N-Nitrosodi-n-propylamine	0.040	U	0.040	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
N-Nitrosodiphenylamine	0.40	U	0.40	0.033	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Pentachlorophenol	0.32	U	0.32	0.082	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Phenanthrene	**0.022**	**J**	0.40	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Phenol	0.40	U	0.40	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Pyrene	**0.029**	**J**	0.40	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1
Pyridine	0.40	U	0.40	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 11:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.35*	*A J*	*mg/Kg*	☼	*1.54*	*N/A*	*05/29/25 20:31*	*05/30/25 11:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
2-Fluorobiphenyl	*58*		*33 - 117*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
Nitrobenzene-d5 (Surr)	*50*		*27 - 120*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
Phenol-d5 (Surr)	*58*		*28 - 118*	*05/29/25 20:31*	*05/30/25 11:50*	*1*
Terphenyl-d14 (Surr)	*63*		*33 - 124*	*05/29/25 20:31*	*05/30/25 11:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0081	U	0.0081	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
4,4'-DDE	0.0081	U	0.0081	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
4,4'-DDT	0.0081	U	0.0081	0.0015	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Aldrin	0.0081	U	0.0081	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7
Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.0024	U	0.0024	0.00082	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
beta-BHC	0.0024	U	0.0024	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Chlordane (technical)	0.081	U	0.081	0.020	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
cis-Chlordane	0.0081	U	0.0081	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
delta-BHC	0.0024	U	0.0024	0.00050	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Dieldrin	0.0024	U	0.0024	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endosulfan I	0.0081	U	0.0081	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endosulfan II	0.0081	U	0.0081	0.0021	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endosulfan sulfate	0.0081	U	0.0081	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endrin	0.0081	U	0.0081	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endrin aldehyde	0.0081	U	0.0081	0.0019	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Endrin ketone	0.0081	U	0.0081	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
gamma-BHC (Lindane)	0.0024	U	0.0024	0.00075	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Heptachlor	0.0081	U	0.0081	0.00095	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Heptachlor epoxide	0.0081	U	0.0081	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Methoxychlor	0.0081	U	0.0081	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
Toxaphene	0.081	U	0.081	0.029	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1
trans-Chlordane	0.0081	U	0.0081	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:47*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*05/30/25 10:27*	*05/31/25 11:47*	*1*
Tetrachloro-m-xylene	*74*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:47*	*1*
Tetrachloro-m-xylene	*78*		*14 - 150*	*05/30/25 10:27*	*05/31/25 11:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1221	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1232	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1242	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1248	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1254	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1260	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor 1268	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Aroclor-1262	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1
Polychlorinated biphenyls, Total	0.081	U	0.081	0.021	mg/Kg	☼	05/30/25 10:23	05/31/25 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:57*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:57*	*1*
Tetrachloro-m-xylene	*106*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:57*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*05/30/25 10:23*	*05/31/25 01:57*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.040	U *	0.040	0.0086	mg/Kg	☼	05/30/25 06:13	05/31/25 10:18	1
2,4-D	0.040	U *	0.040	0.015	mg/Kg	☼	05/30/25 06:13	05/31/25 10:18	1
Silvex (2,4,5-TP)	0.040	U *	0.040	0.0042	mg/Kg	☼	05/30/25 06:13	05/31/25 10:18	1

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7

Date Collected: 05/19/25 14:15
Matrix: Solid

Date Received: 05/21/25 16:00
Percent Solids: 82.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*173*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:18*	*1*
2,4-Dichlorophenylacetic acid	*145*		*38 - 150*	*05/30/25 06:13*	*05/31/25 10:18*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	17	U	17	17	mg/Kg	☼	05/29/25 18:38	05/30/25 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:24*	*1*
1-Chlorooctadecane	*105*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6880**		18.3	5.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Antimony	**0.17**	**J**	0.91	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Arsenic	**1.9**		0.91	0.094	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Barium	**62.3**		1.8	0.13	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Beryllium	**0.39**		0.37	0.020	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Boron	**2.9**	**J**	36.6	2.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Cadmium	**0.12**	**J**	0.91	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Calcium	**15300**		91.4	8.9	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Chromium	**19.9**		1.8	0.27	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Cobalt	**5.9**		1.8	0.14	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Copper	**17.5**		1.8	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Iron	**15000**		54.8	7.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Lead	**45.0**		0.55	0.18	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Magnesium	**5580**		91.4	9.3	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Manganese	**228**		3.7	0.37	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Nickel	**12.7**		1.8	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Potassium	**1450**		91.4	14.8	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Selenium	1.1	U	1.1	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Silver	0.37	U	0.37	0.081	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Sodium	**221**		91.4	41.8	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Thallium	**0.10**	**J**	0.37	0.037	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Tin	**1.3**	**J**	7.3	1.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Vanadium	**25.1**		1.8	0.19	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	1
Zinc	**62.1**	**B**	7.3	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:00	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		06/03/25 12:40	06/04/25 14:45	10
Barium	**561**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:45	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:45	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:45	10
Copper	**27.0**	**J**	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:45	10
Lead	**23.2**		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:45	10
Nickel	**9.2**	**J**	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:45	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:45	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:45	10
Zinc	**110**	**J**	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:45	10

Client Sample ID: B1_0-5_20250519
Lab Sample ID: 460-327048-7

Date Collected: 05/19/25 14:15
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 82.3

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		06/04/25 10:18	06/04/25 15:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**		0.020	0.0096	mg/Kg	☼	05/30/25 01:23	05/30/25 05:11	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.1**	**HF**			SU			05/30/25 14:08	1
Temperature (SW846 9045D)	**22.3**	**HF**			Degrees C			05/30/25 14:08	1
Corrosivity (SW846 9045D)	**11.1**	**HF**			SU			05/30/25 14:08	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.4	U	2.4	1.0	mg/Kg	☼	05/31/25 13:00	06/02/25 14:05	1
Cyanide, Total (SW846 9012B)	0.24	U	0.24	0.13	mg/Kg	☼	05/30/25 19:45	06/01/25 19:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**17.7**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**82.3**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
1,2-Diphenylhydrazine	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4-Dimethylphenol	0.34	U *	0.34	0.041	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Methylnaphthalene	0.34	U	0.34	0.0097	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
3-Nitroaniline	0.34	U	0.34	0.082	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Nitroaniline	0.34	U	0.34	0.088	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Acenaphthylene	0.34	U	0.34	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Anthracene	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzidine	0.34	U	0.34	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[a]anthracene	0.034	U	0.034	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[a]pyrene	0.034	U	0.034	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0089	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0068	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.064	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Chrysene	0.34	U	0.34	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Dibenzofuran	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Fluorene	0.34	U	0.34	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Pyrene	0.34	U	0.34	0.0086	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1
Pyridine	0.34	U	0.34	0.049	mg/Kg	☼	05/29/25 20:31	05/30/25 10:52	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid

Date Received: 05/21/25 16:00
Percent Solids: 95.5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼		N/A	05/29/25 20:31	05/30/25 10:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		18 - 137	05/29/25 20:31	05/30/25 10:52	1
2-Fluorobiphenyl	62		33 - 117	05/29/25 20:31	05/30/25 10:52	1
2-Fluorophenol (Surr)	64		24 - 120	05/29/25 20:31	05/30/25 10:52	1
Nitrobenzene-d5 (Surr)	54		27 - 120	05/29/25 20:31	05/30/25 10:52	1
Phenol-d5 (Surr)	60		28 - 118	05/29/25 20:31	05/30/25 10:52	1
Terphenyl-d14 (Surr)	63		33 - 124	05/29/25 20:31	05/30/25 10:52	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
cis-Chlordane	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1
trans-Chlordane	0.0070	U	0.0070	0.0012	mg/Kg	☼	05/30/25 10:27	05/31/25 12:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		10 - 150	05/30/25 10:27	05/31/25 12:00	1
DCB Decachlorobiphenyl	106		10 - 150	05/30/25 10:27	05/31/25 12:00	1
Tetrachloro-m-xylene	93		14 - 150	05/30/25 10:27	05/31/25 12:00	1
Tetrachloro-m-xylene	102		14 - 150	05/30/25 10:27	05/31/25 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	☼	05/30/25 10:23	05/31/25 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*141*		*10 - 150*	*05/30/25 10:23*	*05/31/25 02:14*	*1*
DCB Decachlorobiphenyl	*141*		*10 - 150*	*05/30/25 10:23*	*05/31/25 02:14*	*1*
Tetrachloro-m-xylene	*143*		*10 - 150*	*05/30/25 10:23*	*05/31/25 02:14*	*1*
Tetrachloro-m-xylene	*136*		*10 - 150*	*05/30/25 10:23*	*05/31/25 02:14*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U *	0.035	0.0074	mg/Kg	☼	05/30/25 06:13	05/31/25 09:02	1
2,4-D	0.035	U *	0.035	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 09:02	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0036	mg/Kg	☼	05/30/25 06:13	05/31/25 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*129*		*38 - 150*	*05/30/25 06:13*	*05/31/25 09:02*	*1*
2,4-Dichlorophenylacetic acid	*142*		*38 - 150*	*05/30/25 06:13*	*05/31/25 09:02*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:38*	*1*
1-Chlorooctadecane	*103*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11300**		15.9	4.4	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Antimony	**2.2**		0.79	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Arsenic	**3.9**		0.79	0.082	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Barium	**107**		1.6	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Beryllium	**0.65**		0.32	0.017	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Boron	**7.5**	**J**	31.7	1.7	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Cadmium	**0.096**	**J**	0.79	0.090	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Calcium	**3480**		79.3	7.7	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Chromium	**31.0**		1.6	0.24	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Cobalt	**11.8**		1.6	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Copper	**22.8**		1.6	0.29	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Iron	**28900**		47.6	6.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Lead	**10.8**		0.48	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Magnesium	**5850**		79.3	8.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Manganese	**902**		3.2	0.32	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Nickel	**41.0**		1.6	0.14	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Potassium	**2980**		79.3	12.8	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Selenium	0.99	U	0.99	0.10	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Silver	0.32	U	0.32	0.071	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Sodium	**257**		79.3	36.2	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Thallium	**0.23**	**J**	0.32	0.033	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Tin	6.3	U	6.3	0.97	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	**41.6**		1.6	0.16	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	1
Zinc	**56.6**	**B**	6.3	0.86	mg/Kg	☼	05/30/25 20:45	05/31/25 12:03	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		06/03/25 12:40	06/04/25 14:20	10
Barium	**444**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:20	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:20	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:20	10
Copper	**24.7**	**J**	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:20	10
Lead	12.0	U	12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:20	10
Nickel	**32.4**	**J**	40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:20	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:20	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:20	10
Zinc	160	U	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:20	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		06/04/25 10:18	06/04/25 15:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.96**		0.047	0.022	mg/Kg	☼	05/30/25 01:23	05/30/25 07:16	3

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.3**	**HF**			SU			05/30/25 14:10	1
Temperature (SW846 9045D)	**21.5**	**HF**			Degrees C			05/30/25 14:10	1
Corrosivity (SW846 9045D)	**9.3**	**HF**			SU			05/30/25 14:10	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.87	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.25	U	0.25	0.14	mg/Kg	☼	05/30/25 19:45	06/01/25 19:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.8	U	24.8	24.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**4.5**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**95.5**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
3-Nitroaniline	0.35	U	0.35	0.084	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Nitroaniline	0.35	U	0.35	0.090	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[a]anthracene	0.035	U	0.035	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[a]pyrene	0.035	U	0.035	0.0094	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0092	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Nitrobenzene	0.035	U	0.035	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Pyrene	0.35	U	0.35	0.0088	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1
Pyridine	0.35	U	0.35	0.051	mg/Kg	☼	05/29/25 20:31	05/30/25 11:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.96*	*A J*	*mg/Kg*	☼	*1.54*	*N/A*	*05/29/25 20:31*	*05/30/25 11:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
2-Fluorobiphenyl	*63*		*33 - 117*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*05/29/25 20:31*	*05/30/25 11:11*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*05/29/25 20:31*	*05/30/25 11:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0072	U	0.0072	0.0012	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
4,4'-DDE	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
4,4'-DDT	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Aldrin	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Chlordane (technical)	0.072	U	0.072	0.017	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
cis-Chlordane	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endosulfan I	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endosulfan II	0.0072	U	0.0072	0.0018	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endosulfan sulfate	0.0072	U	0.0072	0.00090	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endrin	0.0072	U	0.0072	0.0010	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endrin aldehyde	0.0072	U	0.0072	0.0017	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Endrin ketone	0.0072	U	0.0072	0.0014	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00067	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Heptachlor	0.0072	U	0.0072	0.00085	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Heptachlor epoxide	0.0072	U	0.0072	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0072	U	0.0072	0.0016	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1
trans-Chlordane	0.0072	U	0.0072	0.0013	mg/Kg	☼	05/30/25 10:35	05/31/25 10:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*10 - 150*	*05/30/25 10:35*	*05/31/25 10:03*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*05/30/25 10:35*	*05/31/25 10:03*	*1*
Tetrachloro-m-xylene	*82*		*14 - 150*	*05/30/25 10:35*	*05/31/25 10:03*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*05/30/25 10:35*	*05/31/25 10:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/30/25 10:29	05/31/25 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*148*		*10 - 150*	*05/30/25 10:29*	*05/31/25 00:01*	*1*
DCB Decachlorobiphenyl	*140*		*10 - 150*	*05/30/25 10:29*	*05/31/25 00:01*	*1*
Tetrachloro-m-xylene	*121*		*10 - 150*	*05/30/25 10:29*	*05/31/25 00:01*	*1*
Tetrachloro-m-xylene	*129*		*10 - 150*	*05/30/25 10:29*	*05/31/25 00:01*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.036	U *	0.036	0.0076	mg/Kg	☼	05/30/25 06:13	05/31/25 10:37	1
2,4-D	0.036	U *	0.036	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 10:37	1
Silvex (2,4,5-TP)	0.036	U *	0.036	0.0037	mg/Kg	☼	05/30/25 06:13	05/31/25 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*369*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:37*	*1*
2,4-Dichlorophenylacetic acid	*189*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:37*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:52*	*1*
1-Chlorooctadecane	*103*		*40 - 140*	*05/29/25 18:38*	*05/30/25 12:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12100**		16.7	4.6	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Antimony	**8.6**		0.83	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		0.83	0.086	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Barium	106		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Beryllium	1.6		0.33	0.018	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Boron	27.1	J	33.4	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Cadmium	0.83	U	0.83	0.094	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Calcium	16900		83.4	8.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Chromium	30.6		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Cobalt	13.0		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Copper	23.5		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Iron	31600		50.0	6.4	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Lead	22.8		0.50	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Magnesium	6670		83.4	8.5	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Manganese	392		3.3	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Nickel	37.7		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Potassium	4180		83.4	13.5	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Selenium	0.13	J	1.0	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Sodium	408		83.4	38.1	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Thallium	0.32	J	0.33	0.034	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Tin	2.2	J	6.7	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Vanadium	43.0		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	1
Zinc	101	B	6.7	0.91	mg/Kg	☼	05/30/25 20:45	05/31/25 12:06	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		06/03/25 12:40	06/04/25 14:47	10
Barium	442		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:47	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:47	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:47	10
Copper	40.0	U	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:47	10
Lead	12.0	U	12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:47	10
Nickel	42.8		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:47	10
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:47	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:47	10
Zinc	160	U	160	65.2	ug/L		06/03/25 12:40	06/04/25 14:47	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		06/04/25 10:18	06/04/25 15:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.016	0.0077	mg/Kg	☼	05/30/25 01:23	05/30/25 07:18	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	11.6	HF			SU			05/30/25 14:12	1
Temperature (SW846 9045D)	22.6	HF			Degrees C			05/30/25 14:12	1
Corrosivity (SW846 9045D)	11.6	HF			SU			05/30/25 14:12	1

Client Sample ID: B1_10-15_20250519
Lab Sample ID: 460-327048-9

Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.89	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	06/02/25 18:07	06/02/25 22:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.9	U	24.9	24.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.9	U	19.9	19.9	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
1,2-Diphenylhydrazine	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4-Dimethylphenol	0.35	U *	0.35	0.042	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Chloronaphthalene	0.35	U	0.35	0.045	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Nitroaniline	0.35	U	0.35	0.027	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
3-Nitroaniline	0.35	U	0.35	0.083	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Nitroaniline	0.35	U	0.35	0.089	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Acenaphthylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzidine	0.35	U	0.35	0.074	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.035	U	0.035	0.026	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.065	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Chrysene	0.35	U	0.35	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Dibenzofuran	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Diethyl phthalate	0.35	U	0.35	0.011	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Fluorene	0.35	U	0.35	0.010	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Nitrobenzene	0.035	U	0.035	0.019	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Phenanthrene	0.35	U	0.35	0.014	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Phenol	0.35	U	0.35	0.013	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1
Pyridine	0.35	U	0.35	0.050	mg/Kg	☼	05/29/25 20:31	05/30/25 11:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclic octaatomic sulfur	*1.1*	*J N*	*mg/Kg*	☼	*7.78*	*10544-50-0*	*05/29/25 20:31*	*05/30/25 11:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
2-Fluorobiphenyl	*64*		*33 - 117*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
Phenol-d5 (Surr)	*63*		*28 - 118*	*05/29/25 20:31*	*05/30/25 11:31*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*05/29/25 20:31*	*05/30/25 11:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
cis-Chlordane	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1
trans-Chlordane	0.0071	U	0.0071	0.0012	mg/Kg	☼	05/30/25 10:35	05/31/25 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*10 - 150*	*05/30/25 10:35*	*05/31/25 10:16*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*05/30/25 10:35*	*05/31/25 10:16*	*1*
Tetrachloro-m-xylene	*67*		*14 - 150*	*05/30/25 10:35*	*05/31/25 10:16*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*05/30/25 10:35*	*05/31/25 10:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	05/30/25 10:34	05/31/25 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*10 - 150*	*05/30/25 10:34*	*05/31/25 00:18*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*05/30/25 10:34*	*05/31/25 00:18*	*1*
Tetrachloro-m-xylene	*86*		*10 - 150*	*05/30/25 10:34*	*05/31/25 00:18*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*05/30/25 10:34*	*05/31/25 00:18*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.035	U *	0.035	0.0075	mg/Kg	☼	05/30/25 06:13	05/31/25 10:56	1

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.035	U *	0.035	0.013	mg/Kg	☼	05/30/25 06:13	05/31/25 10:56	1
Silvex (2,4,5-TP)	0.035	U *	0.035	0.0037	mg/Kg	☼	05/30/25 06:13	05/31/25 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*6319*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:56*	*1*
2,4-Dichlorophenylacetic acid	*339*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 10:56*	*1*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	15	U	15	15	mg/Kg	☼	05/29/25 18:38	05/30/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*111*		*40 - 140*	*05/29/25 18:38*	*05/30/25 13:06*	*1*
1-Chlorooctadecane	*106*		*40 - 140*	*05/29/25 18:38*	*05/30/25 13:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6270**		16.6	4.6	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Antimony	**3.1**		0.83	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Arsenic	**1.1**		0.83	0.086	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Barium	**41.7**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Beryllium	**1.3**		0.33	0.018	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Boron	**9.3**	**J**	33.3	1.8	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Cadmium	0.83	U	0.83	0.094	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Calcium	**11700**		83.2	8.1	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Chromium	**29.4**		1.7	0.25	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Cobalt	**8.1**		1.7	0.12	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Copper	**17.5**		1.7	0.31	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Iron	**30900**		49.9	6.4	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Lead	**14.2**		0.50	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Magnesium	**5290**		83.2	8.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Manganese	**518**		3.3	0.34	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Nickel	**23.4**		1.7	0.15	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Potassium	**1710**		83.2	13.5	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Selenium	1.0	U	1.0	0.11	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Silver	0.33	U	0.33	0.074	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Sodium	**224**		83.2	38.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Thallium	**0.28**	**J**	0.33	0.034	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Tin	6.7	U	6.7	1.0	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Vanadium	**31.1**		1.7	0.17	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	1
Zinc	**72.4**	**B**	6.7	0.91	mg/Kg	☼	05/30/25 20:45	05/31/25 11:49	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		06/03/25 12:40	06/04/25 14:50	10
Barium	**340**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:50	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/03/25 12:40	06/04/25 14:50	10
Chromium	40.0	U	40.0	12.2	ug/L		06/03/25 12:40	06/04/25 14:50	10
Copper	**37.0**	**J**	40.0	24.5	ug/L		06/03/25 12:40	06/04/25 14:50	10
Lead	**50.2**		12.0	8.4	ug/L		06/03/25 12:40	06/04/25 14:50	10
Nickel	**41.3**		40.0	9.1	ug/L		06/03/25 12:40	06/04/25 14:50	10

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	25.0	U	25.0	5.9	ug/L		06/03/25 12:40	06/04/25 14:50	10
Silver	20.0	U	20.0	2.9	ug/L		06/03/25 12:40	06/04/25 14:50	10
Zinc	**208**		160	65.2	ug/L		06/03/25 12:40	06/04/25 14:50	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.36**		0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.32**		0.018	0.0085	mg/Kg	☼	05/30/25 01:23	05/30/25 05:17	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:14	1
Temperature (SW846 9045D)	**22.1**	**HF**			Degrees C			05/30/25 14:14	1
Corrosivity (SW846 9045D)	**10.1**	**HF**			SU			05/30/25 14:14	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.1	U	2.1	0.90	mg/Kg	☼	05/31/25 13:00	06/02/25 15:05	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	05/30/25 20:54	06/01/25 20:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Burn Rate (SW846 1030)	2.20	U	2.20	2.20	mm/sec			05/30/25 13:51	1
Cyanide, Reactive (SW846 9014)	24.8	U	24.8	24.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Sulfide, Reactive (SW846 9034)	19.8	U	19.8	19.8	mg/Kg		05/30/25 10:00	05/30/25 14:45	1
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_3-5_20250519
Lab Sample ID: 460-327048-11
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	**9.4**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	**90.6**		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_3-5_20250519
Lab Sample ID: 460-327048-11
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 90.6

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.0	U	1.0	1.0	mg/Kg	☼	05/30/25 10:08	05/31/25 02:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*118*		*75 - 150*	*05/30/25 10:08*	*05/31/25 02:14*	*50*

Client Sample ID: B1_5-7_20250519
Lab Sample ID: 460-327048-12
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	87.8		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	87.8		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_5-7_20250519
Lab Sample ID: 460-327048-12
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 87.8

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.2	U	1.2	1.2	mg/Kg	☼	05/30/25 10:08	05/31/25 02:40	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*75 - 150*	*05/30/25 10:08*	*05/31/25 02:40*	*50*

Client Sample ID: B1_17-19_20250519
Lab Sample ID: 460-327048-13
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	19.3		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	19.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	80.7		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	80.7		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_17-19_20250519
Lab Sample ID: 460-327048-13
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 80.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.0		1.3	1.3	mg/Kg	☼	05/30/25 10:08	06/02/25 15:05	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*118*		*75 - 150*	*05/30/25 10:08*	*06/02/25 15:05*	*50*

Client Sample ID: B2_17-19_20250519
Lab Sample ID: 460-327048-14
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			05/29/25 20:13	1

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_17-19_20250519
Lab Sample ID: 460-327048-14
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 91.7

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1000		98	98	mg/Kg	☼	05/30/25 10:09	06/02/25 18:09	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*0*	*D*	*75 - 150*	*05/30/25 10:09*	*06/02/25 18:09*	*5000*

Client Sample ID: B1_13-15_20250519
Lab Sample ID: 460-327048-15
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	21.9		1.0	1.0	%			05/29/25 20:13	1
Percent Moisture (EPA Moisture)	21.9		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	78.1		1.0	1.0	%			05/29/25 20:13	1
Percent Solids (EPA Moisture)	78.1		1.0	1.0	%			05/29/25 20:13	1

Client Sample ID: B1_13-15_20250519
Lab Sample ID: 460-327048-15
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 78.1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	1.5	U	1.5	1.5	mg/Kg	☼	05/30/25 10:09	06/02/25 15:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*130*		*75 - 150*	*05/30/25 10:09*	*06/02/25 15:31*	*50*

Surrogate Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-326691-1	B2_0-5_20250520	67	68	71	66	70	69
460-326691-2	B2_5-10_20250520	55	57	55	55	56	59
460-326691-3	B2_10-15_20250520	71	55	53	52	53	72
460-326691-4	B2_15-20_20250520	65	67	71	67	68	67
460-326691-8	A2_0-5_20250520	61	58	53	52	56	63
460-326691-9	A2_5-10_20250520	73	75	77	72	75	76
460-326691-10	A2_10-15_20250520	67	69	66	62	67	71
460-326691-14	A3_0-5_20250520	71	68	65	60	66	73
460-326691-15	A3_5-10_20250520	66	70	71	68	70	69
460-326691-16	A3_10-15_20250520	65	58	60	52	58	61
460-326691-16 MS	A3_10-15_20250520	74	61	62	53	59	64
460-326691-16 MSD	A3_10-15_20250520	76	65	65	56	62	69
460-326803-C-1-A MS	Matrix Spike	76	73	80	72	79	66
460-326803-C-1-B MSD	Matrix Spike Duplicate	79	71	79	72	80	65
460-326806-1	B4_0-5_20250522	69	90	89	84	92	82
460-326806-2	B4_5-10_20250522	57	66	65	59	65	59
460-326806-3	B4_10-15_20250522	64	70	73	66	75	73
460-326806-4	B4_15-20_20250522	94	86	91	83	94	91
460-326806-5	B1-B2_20-25_20250522	56	56	58	53	60	58
460-326877-1	A4_0-5_20250521	56	57	54	47	54	63
460-326877-2	A4_5-10_20250521	62	58	58	51	56	65
460-326877-5	B3_0-5_20250521	71	73	67	63	67	72
460-326877-6	B3_10-15_20250521	60	61	63	54	59	65
460-326877-7	B3_15-20_20250521	63	63	63	54	60	67
460-326877-8	B3_5-10_20250521	66	62	61	52	59	69
460-327048-1	A1_0-5_20250519	66	64	62	53	61	68
460-327048-2	A1_5-10_20250519	66	49	44	39	45	62
460-327048-3	A1_10-15_20250519	73	62	63	55	61	62
460-327048-7	B1_0-5_20250519	66	58	59	50	58	63
460-327048-8	B1_5-10_20250519	67	62	64	54	60	63
460-327048-9	B1_10-15_20250519	67	63	66	56	63	66
460-327048-10	B1_15-20_20250519	68	64	65	57	63	66
460-327049-A-20-A MS	Matrix Spike	74	71	69	67	69	69
460-327049-A-20-B MSD	Matrix Spike Duplicate	72	70	73	67	71	68
460-327185-A-4-G MS	Matrix Spike	82	71	68	59	66	72
460-327185-A-4-H MSD	Matrix Spike Duplicate	80	69	70	60	65	71
LCS 460-1039939/2-A	Lab Control Sample	89	84	92	83	92	86
LCS 460-1040352/2-A	Lab Control Sample	80	68	68	61	66	69
LCS 460-1040354/2-A	Lab Control Sample	81	76	77	74	77	71
LCS 460-1040640/2-A	Lab Control Sample	88	77	78	67	73	75
LCSD 460-1039939/3-A	Lab Control Sample Dup	99	91	96	88	97	91
LCSD 460-1040352/3-A	Lab Control Sample Dup	79	69	69	62	65	68
LCSD 460-1040354/3-A	Lab Control Sample Dup	79	74	73	71	75	72
LCSD 460-1040640/3-A	Lab Control Sample Dup	86	77	76	67	72	74
MB 460-1039939/1-A	Method Blank	70	77	86	77	85	79
MB 460-1040352/1-A	Method Blank	68	62	64	57	61	61
MB 460-1040354/1-A	Method Blank	71	74	78	73	75	72
MB 460-1040640/1-A	Method Blank	83	76	82	69	77	72

Surrogate Legend

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

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: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TFT1 (75-150)						
460-326691-5	B2-2_3-5_20250520	124						
460-326691-6	B2-2_8-10_20250520	113						
460-326691-7	B2-2_13-15_20250520	115						
460-326691-11	A2-3_3-5_20250520	82						
460-326691-12	A2-3_10-12_20250520	91						
460-326691-13	A2-3_8-10_20250520	110						
460-326691-17	A3-1_3-5_20250520	113						
460-326691-18	A3-1_8-10_20250520	115						
460-326691-19	A3-1_13-15_20250520	169 *						
460-326806-6	B4-1B_3-5_20250522	76						
460-326806-7	B4-1B_8-10_20250522	103						
460-326806-8	B4-4_13-15_20250522	121						
460-326806-9	B4-4_15-17_20250522	145						
460-326806-10	B1-4_20-22_20250522	138						
460-326877-3	A4-3_3-5_20250521	105						
460-326877-4	A4-3_8-10_20250521	126						
460-326877-9	B3-4_3-5_20250521	100						
460-326877-10	B3-4_6-8_20250521	103						
460-326877-11	B3-4_13-15_20250521	0 D						
460-326877-12	B3-4_16-18_20250521	0 D						
460-327048-4	A1_3-5_20250519	135						
460-327048-5	A1_8-10_20250519	137						
460-327048-6	A1_13-15_20250519	130						
460-327048-11	B1_3-5_20250519	118						
460-327048-12	B1_5-7_20250519	93						
460-327048-13	B1_17-19_20250519	118						
460-327048-14	B2_17-19_20250519	0 D						
460-327048-15	B1_13-15_20250519	130						
LCS 460-1040043/2	Lab Control Sample	88						
LCS 460-1040218/2	Lab Control Sample	92						
LCS 460-1040357/2	Lab Control Sample	91						
LCS 460-1040505/2	Lab Control Sample	90						
LCS 460-1040959/2	Lab Control Sample	86						
LCSD 460-1040043/3	Lab Control Sample Dup	104						
LCSD 460-1040218/3	Lab Control Sample Dup	101						
LCSD 460-1040357/3	Lab Control Sample Dup	107						
LCSD 460-1040505/3	Lab Control Sample Dup	117						
LCSD 460-1040959/3	Lab Control Sample Dup	111						
MB 460-1040043/4	Method Blank	99						
MB 460-1040218/4	Method Blank	117						
MB 460-1040357/5	Method Blank	112						
MB 460-1040505/5	Method Blank	118						
MB 460-1040959/5	Method Blank	112						

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	OTPH (10-150)							
460-326691-5	B2-2_3-5_20250520	66							
460-326691-6	B2-2_8-10_20250520	64							
460-326691-7	B2-2_13-15_20250520	82							
460-326691-11	A2-3_3-5_20250520	93							
460-326691-12	A2-3_10-12_20250520	108							
460-326691-13	A2-3_8-10_20250520	94							
460-326691-13 MS	A2-3_8-10_20250520	76							
460-326691-13 MSD	A2-3_8-10_20250520	70							
460-326691-18	A3-1_8-10_20250520	83							
460-326691-19	A3-1_13-15_20250520	82							
460-326806-6	B4-1B_3-5_20250522	75							
460-326806-6 MS	B4-1B_3-5_20250522	85							
460-326806-6 MSD	B4-1B_3-5_20250522	74							
460-326806-7	B4-1B_8-10_20250522	83							
460-326806-8	B4-4_13-15_20250522	77							
460-326806-9	B4-4_15-17_20250522	76							
460-326806-10	B1-4_20-22_20250522	84							
460-326877-4	A4-3_8-10_20250521	91							
460-326877-10	B3-4_6-8_20250521	100							
460-326877-11	B3-4_13-15_20250521	95							
460-326877-12	B3-4_16-18_20250521	93							
LCS 460-1040060/2-A	Lab Control Sample	73							
LCS 460-1040454/2-A	Lab Control Sample	85							
LCSD 460-1040060/3-A	Lab Control Sample Dup	77							
LCSD 460-1040454/3-A	Lab Control Sample Dup	86							
MB 460-1040060/1-A	Method Blank	77							
MB 460-1040454/1-A	Method Blank	75							

Surrogate Legend

OTPH = o-Terphenyl

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DCBP1 (17-150)	DCBP2 (17-150)	TCX1 (21-150)	TCX2 (21-150)				
460-326691-1	B2_0-5_20250520	75	66	76	73				
460-326691-1 MS	B2_0-5_20250520	86	80	86	80				
460-326691-1 MSD	B2_0-5_20250520	84	74	85	76				
460-326691-2	B2_5-10_20250520	85	72	94	80				
460-326691-3	B2_10-15_20250520	88	73	81	75				
460-326691-4	B2_15-20_20250520	88	74	78	72				
460-326691-8	A2_0-5_20250520	91	83	82	81				
460-326691-9	A2_5-10_20250520	105	96	103	94				
460-326691-10	A2_10-15_20250520	90	106	93	82				
460-326691-14	A3_0-5_20250520	95	85	95	85				
460-326691-15	A3_5-10_20250520	94	109	92	84				

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (17-150)	DCBP2 (17-150)	TCX1 (21-150)	TCX2 (21-150)
460-326691-16	A3_10-15_20250520	81	67	83	74
460-326806-1	B4_0-5_20250522	72	74	98	84
460-326806-2	B4_5-10_20250522	59	60	80	69
460-326806-3	B4_10-15_20250522	75	64	96	85
460-326806-4	B4_15-20_20250522	52	55	96	75
460-326806-5	B1-B2_20-25_20250522	69	67	78	98
460-326877-1	A4_0-5_20250521	90	31	69	67
460-326877-2	A4_5-10_20250521	83	82	90	88
460-326877-5	B3_0-5_20250521	83	73	72	69
460-326877-6	B3_10-15_20250521	90	72	77	73
460-326877-7	B3_15-20_20250521	105	90	91	87
460-326877-8	B3_5-10_20250521	86	75	73	72
460-326907-E-1-H MS	Matrix Spike	76	69	95	78
460-326907-E-1-I MSD	Matrix Spike Duplicate	65	67	84	79
LCS 460-1039986/2-A	Lab Control Sample	78	83	79	73
LCSD 460-1039986/3-A	Lab Control Sample Dup	96	93	91	70
MB 460-1039986/1-A	Method Blank	102	108	100	95

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-327048-1	A1_0-5_20250519	109	102	94	91
460-327048-2	A1_5-10_20250519	86	76	74	70
460-327048-3	A1_10-15_20250519	109	95	96	91
460-327048-7	B1_0-5_20250519	84	88	78	74
460-327048-8	B1_5-10_20250519	106	116	102	93
460-327048-9	B1_10-15_20250519	95	81	87	82
460-327048-10	B1_15-20_20250519	88	75	72	67
460-327114-A-6-G MS	Matrix Spike	87	89	80	66
460-327114-A-6-H MSD	Matrix Spike Duplicate	83	93	71	66
LCS 460-1040502/2-A	Lab Control Sample	98	88	96	88
LCS 460-1040504/2-A	Lab Control Sample	100	108	105	92
LCSD 460-1040502/3-A	Lab Control Sample Dup	104	95	98	92
LCSD 460-1040504/3-A	Lab Control Sample Dup	100	118	106	96
MB 460-1040502/1-A	Method Blank	122	115	112	111
MB 460-1040504/1-A	Method Blank	111	128	104	99

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)	(20-150)
460-326691-1	B2_0-5_20250520	108	111	98	104
460-326691-1 MS	B2_0-5_20250520	125	162 *	111	151 *
460-326691-1 MSD	B2_0-5_20250520	130	137	120	129
460-326691-2	B2_5-10_20250520	134	139	113	122
460-326691-3	B2_10-15_20250520	112	116	102	109
460-326691-4	B2_15-20_20250520	111	118	98	111
460-326691-8	A2_0-5_20250520	122	121	105	111
460-326691-9	A2_5-10_20250520	142	143	125	130
460-326691-10	A2_10-15_20250520	109	124	102	122
460-326691-14	A3_0-5_20250520	128	135	114	124
460-326691-15	A3_5-10_20250520	139	141	122	124
460-326691-16	A3_10-15_20250520	131	136	123	128
460-326806-1	B4_0-5_20250522	119	145	146	130
460-326806-2	B4_5-10_20250522	99	107	122	107
460-326806-3	B4_10-15_20250522	135	138	162 *	147
460-326806-4	B4_15-20_20250522	93	97	109	96
460-326806-5	B1-B2_20-25_20250522	117	114	134	122
460-326877-1	A4_0-5_20250521	132	127	103	108
460-326877-2	A4_5-10_20250521	106	105	114	119
460-326877-5	B3_0-5_20250521	118	113	103	94
460-326877-6	B3_10-15_20250521	125	117	108	109
460-326877-7	B3_15-20_20250521	145	144	134	135
460-326877-8	B3_5-10_20250521	110	114	96	102
460-326907-E-1-E MS	Matrix Spike	84	100	101	105
460-326907-E-1-F MSD	Matrix Spike Duplicate	110	115	129	136
LCS 460-1039985/2-A	Lab Control Sample	103	94	130	110
LCS 460-1040500/2-A	Lab Control Sample	133	122	112	114
LCSD 460-1039985/3-A	Lab Control Sample Dup	105	97	133	111
LCSD 460-1040500/3-A	Lab Control Sample Dup	123	127	109	118
MB 460-1039985/1-A	Method Blank	101	92	127	107
MB 460-1040500/1-A	Method Blank	134	134	118	125

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)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-327048-1	A1_0-5_20250519	142	147	120	136
460-327048-2	A1_5-10_20250519	100	101	87	94
460-327048-3	A1_10-15_20250519	139	143	121	130
460-327048-7	B1_0-5_20250519	109	112	98	106
460-327048-8	B1_5-10_20250519	141	141	136	143
460-327048-9	B1_10-15_20250519	140	148	129	121
460-327048-10	B1_15-20_20250519	113	120	93	86
460-327114-A-6-D MS	Matrix Spike	99	90	81	72
460-327114-A-6-E MSD	Matrix Spike Duplicate	138	133	118	107

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
LCS 460-1040503/2-A	Lab Control Sample	145	123	116	99
LCSD 460-1040503/3-A	Lab Control Sample Dup	134	114	111	103
MB 460-1040503/1-A	Method Blank	140	123	119	111

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 (41-150)	DCPAA2 (41-150)
460-326691-1	B2_0-5_20250520	160 *	181 *
460-326691-2	B2_5-10_20250520	159 *	194 *
460-326691-3	B2_10-15_20250520	242 *	458 *
460-326691-4	B2_15-20_20250520	383 *	2502 *
460-326691-8	A2_0-5_20250520	163 *	160 *
460-326691-9	A2_5-10_20250520	201 *	219 *
460-326691-10	A2_10-15_20250520	406 *	532 *
460-326691-14	A3_0-5_20250520	167 *	168 *
460-326691-15	A3_5-10_20250520	167 *	138
460-326691-16	A3_10-15_20250520	160 *	147
460-326784-A-2-A MS	Matrix Spike	163 *	167 *
460-326784-A-2-B MSD	Matrix Spike Duplicate	180 *	182 *
460-326806-1	B4_0-5_20250522	166 *	171 *
460-326806-2	B4_5-10_20250522	173 *	211 *
460-326806-3	B4_10-15_20250522	488 *	1521 *
460-326806-4	B4_15-20_20250522	304 *	760 *
460-326806-5	B1-B2_20-25_20250522	552 *	3957 *
460-326877-1	A4_0-5_20250521	186 *	171 *
460-326877-2	A4_5-10_20250521	179 *	177 *
460-326877-5	B3_0-5_20250521	125	125
460-326877-6	B3_10-15_20250521	185 *	175 *
460-326877-7	B3_15-20_20250521	153 *	153 *
460-326877-8	B3_5-10_20250521	149	140
460-327070-E-1-A MSD	Matrix Spike Duplicate	182 *	172 *
460-327070-F-1-A MS	Matrix Spike	161 *	148
460-327159-E-4-D MS	Matrix Spike	112	109
460-327159-E-4-E MSD	Matrix Spike Duplicate	117	114
LCS 460-1039660/2-A	Lab Control Sample	128	126
LCS 460-1040404/2-A	Lab Control Sample	153 *	150
LCS 460-1040667/2-A	Lab Control Sample	98	95
LCSD 460-1039660/3-A	Lab Control Sample Dup	146	143
LCSD 460-1040404/3-A	Lab Control Sample Dup	137	134
LCSD 460-1040667/3-A	Lab Control Sample Dup	80	78
MB 460-1039660/1-A	Method Blank	123	121
MB 460-1040404/1-A	Method Blank	157 *	155 *
MB 460-1040667/1-A	Method Blank	90	87

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Surrogate Legend
DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(38-150)	(38-150)
460-327048-1	A1_0-5_20250519	150	154 *
460-327048-2	A1_5-10_20250519	151 *	199 *
460-327048-3	A1_10-15_20250519	151 *	162 *
460-327048-7	B1_0-5_20250519	145	173 *
460-327048-8	B1_5-10_20250519	142	129
460-327048-8 MS	B1_5-10_20250519	162 *	143
460-327048-8 MSD	B1_5-10_20250519	159 *	140
460-327048-9	B1_10-15_20250519	189 *	369 *
460-327048-10	B1_15-20_20250519	339 *	6319 *
LCS 460-1040418/2-A	Lab Control Sample	158 *	155 *
LCSD 460-1040418/3-A	Lab Control Sample Dup	150	148
MB 460-1040418/1-A	Method Blank	155 *	152 *

Surrogate Legend
DCPAA = 2,4-Dichlorophenylacetic acid

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		OTPH1	1COD1
Lab Sample ID	Client Sample ID	(40-140)	(40-140)
460-326691-1	B2_0-5_20250520	58	64
460-326691-2	B2_5-10_20250520	89	106
460-326691-3	B2_10-15_20250520	95	102
460-326691-4	B2_15-20_20250520	87	97
460-326691-8	A2_0-5_20250520	92	102
460-326691-9	A2_5-10_20250520	104	112
460-326691-10	A2_10-15_20250520	96	103
460-326691-14	A3_0-5_20250520	112	111
460-326691-15	A3_5-10_20250520	103	115
460-326691-16	A3_10-15_20250520	79	86
460-326691-16 MS	A3_10-15_20250520	85	90
460-326691-16 MSD	A3_10-15_20250520	85	108
460-326800-B-7-D MS	Matrix Spike	78	92
460-326800-B-7-E MSD	Matrix Spike Duplicate	90	100
460-326806-1	B4_0-5_20250522	93	106
460-326806-2	B4_5-10_20250522	93	106
460-326806-3	B4_10-15_20250522	92	106
460-326806-4	B4_15-20_20250522	84	99
460-326806-5	B1-B2_20-25_20250522	73	85
460-326843-A-6-G MS	Matrix Spike	106	109
460-326843-A-6-H MSD	Matrix Spike Duplicate	109	112
460-326877-1	A4_0-5_20250521	83	85
460-326877-2	A4_5-10_20250521	114	121
460-326877-5	B3_0-5_20250521	92	101
460-326877-6	B3_10-15_20250521	86	88
460-326877-7	B3_15-20_20250521	80	82

Surrogate Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	OTPH1 (40-140)	1COD1 (40-140)								
460-326877-8	B3_5-10_20250521	88	89								
460-327010-A-1-A MS	Matrix Spike	87	90								
460-327010-A-1-B MSD	Matrix Spike Duplicate	70	73								
460-327048-1	A1_0-5_20250519	109	104								
460-327048-2	A1_5-10_20250519	113	108								
460-327048-3	A1_10-15_20250519	110	106								
460-327048-7	B1_0-5_20250519	108	105								
460-327048-8	B1_5-10_20250519	107	103								
460-327048-9	B1_10-15_20250519	107	103								
460-327048-10	B1_15-20_20250519	111	106								
460-327156-A-30-B MS	Matrix Spike	87	93								
460-327156-A-30-C MSD	Matrix Spike Duplicate	104	112								
LCS 460-1039957/2-A	Lab Control Sample	114	174 *								
LCS 460-1040333/2-A	Lab Control Sample	115	125								
LCS 460-1040490/2-A	Lab Control Sample	101	150 *								
LCS 460-1040491/2-A	Lab Control Sample	108	136								
LCS 460-1040675/2-A	Lab Control Sample	99	149 *								
LCSD 460-1039957/3-A	Lab Control Sample Dup	114	173 *								
LCSD 460-1040333/3-A	Lab Control Sample Dup	117	134								
LCSD 460-1040490/3-A	Lab Control Sample Dup	108	159 *								
LCSD 460-1040491/3-A	Lab Control Sample Dup	123	152 *								
LCSD 460-1040675/3-A	Lab Control Sample Dup	107	162 *								
MB 460-1039957/1-A	Method Blank	110	128								
MB 460-1040333/1-A	Method Blank	112	96								
MB 460-1040490/1-A	Method Blank	102	113								
MB 460-1040491/1-A	Method Blank	109	101								
MB 460-1040675/1-A	Method Blank	107	122								

Surrogate Legend

OTPH = o-Terphenyl
1COD = 1-Chlorooctadecane

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

Lab Sample ID: MB 460-1039939/1-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039939

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		05/28/25 08:53	05/28/25 20:42	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/28/25 08:53	05/28/25 20:42	1

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

Lab Sample ID: MB 460-1039939/1-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/28/25 08:53	05/28/25 20:42	1
Pyridine	0.33	U	0.33	0.047	mg/Kg		05/28/25 08:53	05/28/25 20:42	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*0.326*	*A J*	*mg/Kg*		*2.54*	*N/A*	*05/28/25 08:53*	*05/28/25 20:42*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
2-Fluorobiphenyl	*77*		*33 - 117*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
2-Fluorophenol (Surr)	*86*		*24 - 120*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
Nitrobenzene-d5 (Surr)	*77*		*27 - 120*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
Phenol-d5 (Surr)	*85*		*28 - 118*	*05/28/25 08:53*	*05/28/25 20:42*	*1*
Terphenyl-d14 (Surr)	*79*		*33 - 124*	*05/28/25 08:53*	*05/28/25 20:42*	*1*

Lab Sample ID: LCS 460-1039939/2-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	3.13		mg/Kg		94	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	3.03		mg/Kg		91	60 - 120
1,2-Diphenylhydrazine	3.33	3.15		mg/Kg		94	62 - 118
1,4-Dioxane	3.33	2.19		mg/Kg		66	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	3.22		mg/Kg		97	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.28		mg/Kg		99	62 - 120
2,4,5-Trichlorophenol	3.33	3.22		mg/Kg		97	64 - 120
2,4,6-Trichlorophenol	3.33	3.19		mg/Kg		96	65 - 120

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

Lab Sample ID: LCS 460-1039939/2-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	3.33	3.35		mg/Kg		100	66 - 120
2,4-Dimethylphenol	3.33	3.28		mg/Kg		98	75 - 136
2,4-Dinitrophenol	6.67	4.26		mg/Kg		64	41 - 120
2,4-Dinitrotoluene	3.33	3.45		mg/Kg		103	65 - 124
2,6-Dinitrotoluene	3.33	3.36		mg/Kg		101	67 - 121
2-Chloronaphthalene	3.33	3.10		mg/Kg		93	64 - 120
2-Chlorophenol	3.33	3.47		mg/Kg		104	63 - 120
2-Methylnaphthalene	3.33	3.27		mg/Kg		98	56 - 102
2-Methylphenol	3.33	3.56		mg/Kg		107	63 - 120
2-Nitroaniline	3.33	3.15		mg/Kg		95	52 - 120
2-Nitrophenol	3.33	3.21		mg/Kg		96	64 - 120
3,3'-Dichlorobenzidine	3.33	1.73		mg/Kg		52	10 - 106
3-Nitroaniline	3.33	2.70		mg/Kg		81	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.74		mg/Kg		86	61 - 127
4-Bromophenyl phenyl ether	3.33	3.31		mg/Kg		99	64 - 120
4-Chloro-3-methylphenol	3.33	3.40		mg/Kg		102	68 - 120
4-Chloroaniline	3.33	2.31		mg/Kg		69	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.31		mg/Kg		99	62 - 120
4-Methylphenol	3.33	3.55		mg/Kg		107	61 - 120
4-Nitroaniline	3.33	3.26		mg/Kg		98	51 - 112
4-Nitrophenol	6.67	6.50		mg/Kg		98	52 - 122
Acenaphthene	3.33	3.14		mg/Kg		94	65 - 120
Acenaphthylene	3.33	3.16		mg/Kg		95	68 - 120
Acetophenone	3.33	3.11		mg/Kg		93	61 - 111
Anthracene	3.33	3.30		mg/Kg		99	67 - 120
Atrazine	1.33	2.86	*	mg/Kg		214	52 - 150
Benzaldehyde	1.33	2.50	*	mg/Kg		188	45 - 150
Benzidine	3.33	2.48		mg/Kg		74	10 - 145
Benzo[a]anthracene	3.33	3.07		mg/Kg		92	66 - 120
Benzo[a]pyrene	3.33	3.44		mg/Kg		103	69 - 123
Benzo[b]fluoranthene	3.33	3.37		mg/Kg		101	66 - 125
Benzo[g,h,i]perylene	3.33	3.23		mg/Kg		97	66 - 138
Benzo[k]fluoranthene	3.33	3.47		mg/Kg		104	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.22		mg/Kg		97	62 - 120
Bis(2-chloroethyl)ether	3.33	3.26		mg/Kg		98	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.14		mg/Kg		94	64 - 125
Butyl benzyl phthalate	3.33	3.15		mg/Kg		95	62 - 127
Caprolactam	1.33	2.85	*	mg/Kg		214	46 - 150
Carbazole	3.33	3.30		mg/Kg		99	64 - 120
Chrysene	3.33	3.02		mg/Kg		91	67 - 120
Dibenz(a,h)anthracene	3.33	3.32		mg/Kg		100	66 - 128
Dibenzofuran	3.33	3.23		mg/Kg		97	61 - 120
Diethyl phthalate	3.33	3.33		mg/Kg		100	63 - 120
Dimethyl phthalate	3.33	3.26		mg/Kg		98	65 - 120
Di-n-butyl phthalate	3.33	3.48		mg/Kg		104	61 - 120
Di-n-octyl phthalate	3.33	3.62		mg/Kg		109	61 - 123
Fluoranthene	3.33	3.37		mg/Kg		101	61 - 120
Fluorene	3.33	3.24		mg/Kg		97	64 - 120
Hexachlorobenzene	3.33	3.29		mg/Kg		99	66 - 120

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

Lab Sample ID: LCS 460-1039939/2-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	3.33	3.08		mg/Kg		92	62 - 120
Hexachlorocyclopentadiene	3.33	2.90		mg/Kg		87	32 - 150
Hexachloroethane	3.33	3.18		mg/Kg		96	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.27		mg/Kg		98	63 - 137
Isophorone	3.33	3.11		mg/Kg		93	61 - 120
Naphthalene	3.33	3.18		mg/Kg		95	63 - 113
Nitrobenzene	3.33	3.36		mg/Kg		101	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.43		mg/Kg		103	60 - 120
N-Nitrosodiphenylamine	3.33	3.25		mg/Kg		97	63 - 120
Pentachlorophenol	6.67	6.65		mg/Kg		100	61 - 126
Phenanthrene	3.33	3.28		mg/Kg		98	66 - 120
Phenol	3.33	3.36		mg/Kg		101	63 - 120
Pyrene	3.33	3.18		mg/Kg		96	61 - 121
Pyridine	6.67	4.90		mg/Kg		74	21 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*18 - 137*
2-Fluorobiphenyl	*84*		*33 - 117*
2-Fluorophenol (Surr)	*92*		*24 - 120*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*
Phenol-d5 (Surr)	*92*		*28 - 118*
Terphenyl-d14 (Surr)	*86*		*33 - 124*

Lab Sample ID: LCSD 460-1039939/3-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	3.42		mg/Kg		102	64 - 120	9	30
1,2,4,5-Tetrachlorobenzene	3.33	3.36		mg/Kg		101	60 - 120	10	30
1,2-Diphenylhydrazine	3.33	3.41		mg/Kg		102	62 - 118	8	30
1,4-Dioxane	3.33	2.27		mg/Kg		68	31 - 105	4	30
2,2'-oxybis[1-chloropropane]	3.33	3.39		mg/Kg		102	50 - 126	5	30
2,3,4,6-Tetrachlorophenol	3.33	3.72		mg/Kg		111	62 - 120	12	30
2,4,5-Trichlorophenol	3.33	3.58		mg/Kg		107	64 - 120	10	30
2,4,6-Trichlorophenol	3.33	3.54		mg/Kg		106	65 - 120	10	30
2,4-Dichlorophenol	3.33	3.65		mg/Kg		109	66 - 120	9	30
2,4-Dimethylphenol	3.33	3.54		mg/Kg		106	75 - 136	8	30
2,4-Dinitrophenol	6.67	4.38		mg/Kg		66	41 - 120	3	30
2,4-Dinitrotoluene	3.33	3.83		mg/Kg		115	65 - 124	11	30
2,6-Dinitrotoluene	3.33	3.73		mg/Kg		112	67 - 121	10	30
2-Chloronaphthalene	3.33	3.42		mg/Kg		103	64 - 120	10	30
2-Chlorophenol	3.33	3.74		mg/Kg		112	63 - 120	8	30
2-Methylnaphthalene	3.33	3.55	*	mg/Kg		107	56 - 102	8	30
2-Methylphenol	3.33	3.74		mg/Kg		112	63 - 120	5	30
2-Nitroaniline	3.33	3.47		mg/Kg		104	52 - 120	10	30
2-Nitrophenol	3.33	3.53		mg/Kg		106	64 - 120	9	30
3,3'-Dichlorobenzidine	3.33	1.87		mg/Kg		56	10 - 106	8	30

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

Lab Sample ID: LCSD 460-1039939/3-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Nitroaniline	3.33	2.98		mg/Kg		89	18 - 105	10	30
4,6-Dinitro-2-methylphenol	6.67	6.03		mg/Kg		90	61 - 127	5	30
4-Bromophenyl phenyl ether	3.33	3.60		mg/Kg		108	64 - 120	8	30
4-Chloro-3-methylphenol	3.33	3.72		mg/Kg		111	68 - 120	9	30
4-Chloroaniline	3.33	2.40		mg/Kg		72	10 - 107	4	30
4-Chlorophenyl phenyl ether	3.33	3.70		mg/Kg		111	62 - 120	11	30
4-Methylphenol	3.33	3.87		mg/Kg		116	61 - 120	9	30
4-Nitroaniline	3.33	3.72		mg/Kg		112	51 - 112	13	30
4-Nitrophenol	6.67	7.30		mg/Kg		110	52 - 122	12	30
Acenaphthene	3.33	3.51		mg/Kg		105	65 - 120	11	30
Acenaphthylene	3.33	3.52		mg/Kg		105	68 - 120	11	30
Acetophenone	3.33	3.34		mg/Kg		100	61 - 111	7	30
Anthracene	3.33	3.60		mg/Kg		108	67 - 120	9	30
Atrazine	1.33	3.01	*	mg/Kg		226	52 - 150	5	30
Benzaldehyde	1.33	2.54	*	mg/Kg		191	45 - 150	2	30
Benzidine	3.33	2.86		mg/Kg		86	10 - 145	14	30
Benzo[a]anthracene	3.33	3.39		mg/Kg		102	66 - 120	10	30
Benzo[a]pyrene	3.33	3.80		mg/Kg		114	69 - 123	10	30
Benzo[b]fluoranthene	3.33	3.75		mg/Kg		113	66 - 125	11	30
Benzo[g,h,i]perylene	3.33	3.67		mg/Kg		110	66 - 138	13	30
Benzo[k]fluoranthene	3.33	3.71		mg/Kg		111	67 - 122	7	30
Bis(2-chloroethoxy)methane	3.33	3.42		mg/Kg		103	62 - 120	6	30
Bis(2-chloroethyl)ether	3.33	3.52		mg/Kg		106	60 - 120	8	30
Bis(2-ethylhexyl) phthalate	3.33	3.46		mg/Kg		104	64 - 125	10	30
Butyl benzyl phthalate	3.33	3.48		mg/Kg		104	62 - 127	10	30
Caprolactam	1.33	3.10	*	mg/Kg		232	46 - 150	8	30
Carbazole	3.33	3.64		mg/Kg		109	64 - 120	10	30
Chrysene	3.33	3.31		mg/Kg		99	67 - 120	9	30
Dibenz(a,h)anthracene	3.33	3.81		mg/Kg		114	66 - 128	14	30
Dibenzofuran	3.33	3.57		mg/Kg		107	61 - 120	10	30
Diethyl phthalate	3.33	3.70		mg/Kg		111	63 - 120	11	30
Dimethyl phthalate	3.33	3.63		mg/Kg		109	65 - 120	11	30
Di-n-butyl phthalate	3.33	3.85		mg/Kg		116	61 - 120	10	30
Di-n-octyl phthalate	3.33	3.88		mg/Kg		116	61 - 123	7	30
Fluoranthene	3.33	3.74		mg/Kg		112	61 - 120	10	30
Fluorene	3.33	3.65		mg/Kg		110	64 - 120	12	30
Hexachlorobenzene	3.33	3.59		mg/Kg		108	66 - 120	9	30
Hexachlorobutadiene	3.33	3.26		mg/Kg		98	62 - 120	6	30
Hexachlorocyclopentadiene	3.33	3.21		mg/Kg		96	32 - 150	10	30
Hexachloroethane	3.33	3.36		mg/Kg		101	61 - 112	5	30
Indeno[1,2,3-cd]pyrene	3.33	3.71		mg/Kg		111	63 - 137	13	30
Isophorone	3.33	3.34		mg/Kg		100	61 - 120	7	30
Naphthalene	3.33	3.40		mg/Kg		102	63 - 113	7	30
Nitrobenzene	3.33	3.66		mg/Kg		110	63 - 120	8	30
N-Nitrosodi-n-propylamine	3.33	3.71		mg/Kg		111	60 - 120	8	30
N-Nitrosodiphenylamine	3.33	3.51		mg/Kg		105	63 - 120	8	30
Pentachlorophenol	6.67	7.32		mg/Kg		110	61 - 126	10	30
Phenanthrene	3.33	3.61		mg/Kg		108	66 - 120	10	30
Phenol	3.33	3.58		mg/Kg		107	63 - 120	6	30

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

Lab Sample ID: LCSD 460-1039939/3-A
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039939

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene			3.33	3.37		mg/Kg		101	61 - 121	6	30
Pyridine			6.67	5.22		mg/Kg		78	21 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*99*		*18 - 137*
2-Fluorobiphenyl	*91*		*33 - 117*
2-Fluorophenol (Surr)	*96*		*24 - 120*
Nitrobenzene-d5 (Surr)	*88*		*27 - 120*
Phenol-d5 (Surr)	*97*		*28 - 118*
Terphenyl-d14 (Surr)	*91*		*33 - 124*

Lab Sample ID: 460-326803-C-1-A MS
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.37	U	3.71	3.09		mg/Kg	☼	83	64 - 120
1,2,4,5-Tetrachlorobenzene	0.37	U	3.71	3.06		mg/Kg	☼	83	60 - 120
1,2-Diphenylhydrazine	0.37	U	3.71	3.04		mg/Kg	☼	82	62 - 118
1,4-Dioxane	0.037	U	3.71	1.95		mg/Kg	☼	53	31 - 105
2,2'-oxybis[1-chloropropane]	0.37	U	3.71	3.11		mg/Kg	☼	84	50 - 126
2,3,4,6-Tetrachlorophenol	0.37	U	3.71	3.15		mg/Kg	☼	85	62 - 120
2,4,5-Trichlorophenol	0.37	U	3.71	3.10		mg/Kg	☼	84	64 - 120
2,4,6-Trichlorophenol	0.15	U	3.71	3.15		mg/Kg	☼	85	65 - 120
2,4-Dichlorophenol	0.15	U	3.71	3.19		mg/Kg	☼	86	66 - 120
2,4-Dimethylphenol	0.37	U	3.71	3.04		mg/Kg	☼	82	75 - 136
2,4-Dinitrophenol	0.30	U	7.42	0.454	*	mg/Kg	☼	6	41 - 120
2,4-Dinitrotoluene	0.075	U	3.71	3.11		mg/Kg	☼	84	65 - 124
2,6-Dinitrotoluene	0.075	U	3.71	3.12		mg/Kg	☼	84	67 - 121
2-Chloronaphthalene	0.37	U	3.71	3.06		mg/Kg	☼	83	64 - 120
2-Chlorophenol	0.37	U	3.71	3.38		mg/Kg	☼	91	63 - 120
2-Methylnaphthalene	0.37	U *	3.71	3.14		mg/Kg	☼	85	56 - 102
2-Methylphenol	0.37	U	3.71	3.42		mg/Kg	☼	92	63 - 120
2-Nitroaniline	0.37	U	3.71	3.14		mg/Kg	☼	85	52 - 120
2-Nitrophenol	0.37	U	3.71	2.62		mg/Kg	☼	71	64 - 120
3,3'-Dichlorobenzidine	0.15	U	3.71	3.20		mg/Kg	☼	86	10 - 106
3-Nitroaniline	0.37	U	3.71	3.22		mg/Kg	☼	87	18 - 105
4,6-Dinitro-2-methylphenol	0.30	U	7.42	0.580	*	mg/Kg	☼	8	61 - 127
4-Bromophenyl phenyl ether	0.37	U	3.71	3.17		mg/Kg	☼	86	64 - 120
4-Chloro-3-methylphenol	0.37	U	3.71	3.24		mg/Kg	☼	88	68 - 120
4-Chloroaniline	0.37	U	3.71	2.73		mg/Kg	☼	74	10 - 107
4-Chlorophenyl phenyl ether	0.37	U	3.71	3.18		mg/Kg	☼	86	62 - 120
4-Methylphenol	0.37	U	3.71	3.43		mg/Kg	☼	92	61 - 120
4-Nitroaniline	0.37	U	3.71	3.17		mg/Kg	☼	85	51 - 112
4-Nitrophenol	0.75	U	7.42	6.18		mg/Kg	☼	83	52 - 122
Acenaphthene	0.37	U	3.71	3.11		mg/Kg	☼	84	65 - 120
Acenaphthylene	0.37	U	3.71	3.07		mg/Kg	☼	83	68 - 120
Acetophenone	0.37	U	3.71	3.03		mg/Kg	☼	82	61 - 111

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

Lab Sample ID: 460-326803-C-1-A MS
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	0.37	U	3.71	3.24		mg/Kg	☼	87	67 - 120
Atrazine	0.15	U *	1.48	2.62	E *	mg/Kg	☼	177	52 - 150
Benzaldehyde	0.37	U *	1.48	2.37	E *	mg/Kg	☼	160	45 - 150
Benzidine	0.37	U	3.71	2.08		mg/Kg	☼	56	10 - 145
Benzo[a]anthracene	0.037	U	3.71	2.95		mg/Kg	☼	79	66 - 120
Benzo[a]pyrene	0.037	U	3.71	3.34		mg/Kg	☼	90	69 - 123
Benzo[b]fluoranthene	0.037	U	3.71	3.37		mg/Kg	☼	91	66 - 125
Benzo[g,h,i]perylene	0.37	U	3.71	2.63		mg/Kg	☼	71	66 - 138
Benzo[k]fluoranthene	0.037	U	3.71	3.34		mg/Kg	☼	90	67 - 122
Bis(2-chloroethoxy)methane	0.37	U	3.71	3.02		mg/Kg	☼	81	62 - 120
Bis(2-chloroethyl)ether	0.037	U	3.71	3.19		mg/Kg	☼	86	60 - 120
Bis(2-ethylhexyl) phthalate	0.37	U	3.71	3.01		mg/Kg	☼	81	64 - 125
Butyl benzyl phthalate	0.025	J	3.71	2.93		mg/Kg	☼	78	62 - 127
Caprolactam	0.37	U *	1.48	2.63	E *	mg/Kg	☼	177	46 - 150
Carbazole	0.37	U	3.71	3.26		mg/Kg	☼	88	64 - 120
Chrysene	0.37	U	3.71	2.94		mg/Kg	☼	79	67 - 120
Dibenz(a,h)anthracene	0.037	U	3.71	2.91		mg/Kg	☼	79	66 - 128
Dibenzofuran	0.37	U	3.71	3.12		mg/Kg	☼	84	61 - 120
Diethyl phthalate	0.37	U	3.71	3.22		mg/Kg	☼	87	63 - 120
Dimethyl phthalate	0.37	U	3.71	3.21		mg/Kg	☼	87	65 - 120
Di-n-butyl phthalate	0.37	U	3.71	3.45		mg/Kg	☼	93	61 - 120
Di-n-octyl phthalate	0.37	U	3.71	3.85		mg/Kg	☼	104	61 - 123
Fluoranthene	0.37	U	3.71	3.43		mg/Kg	☼	92	61 - 120
Fluorene	0.37	U	3.71	3.20		mg/Kg	☼	86	64 - 120
Hexachlorobenzene	0.037	U	3.71	3.11		mg/Kg	☼	84	66 - 120
Hexachlorobutadiene	0.075	U	3.71	2.91		mg/Kg	☼	78	62 - 120
Hexachlorocyclopentadiene	0.37	U	3.71	0.354	J *	mg/Kg	☼	10	32 - 150
Hexachloroethane	0.037	U	3.71	2.41		mg/Kg	☼	65	61 - 112
Indeno[1,2,3-cd]pyrene	0.037	U	3.71	2.80		mg/Kg	☼	76	63 - 137
Isophorone	0.15	U	3.71	2.97		mg/Kg	☼	80	61 - 120
Naphthalene	0.37	U	3.71	3.07		mg/Kg	☼	83	63 - 113
Nitrobenzene	0.037	U	3.71	3.34		mg/Kg	☼	90	63 - 120
N-Nitrosodi-n-propylamine	0.037	U	3.71	3.36		mg/Kg	☼	91	60 - 120
N-Nitrosodiphenylamine	0.37	U	3.71	3.11		mg/Kg	☼	84	63 - 120
Pentachlorophenol	0.30	U	7.42	5.88		mg/Kg	☼	79	61 - 126
Phenanthrene	0.37	U	3.71	3.22		mg/Kg	☼	87	66 - 120
Phenol	0.37	U	3.71	3.31		mg/Kg	☼	89	63 - 120
Pyrene	0.37	U	3.71	2.72		mg/Kg	☼	73	61 - 121
Pyridine	0.37	U	7.42	4.63		mg/Kg	☼	62	21 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*
2-Fluorobiphenyl	*73*		*33 - 117*
2-Fluorophenol (Surr)	*80*		*24 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*
Phenol-d5 (Surr)	*79*		*28 - 118*
Terphenyl-d14 (Surr)	*66*		*33 - 124*

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

Lab Sample ID: 460-326803-C-1-B MSD
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.37	U	3.70	2.99		mg/Kg	☼	81	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene	0.37	U	3.70	2.93		mg/Kg	☼	79	60 - 120	4	30
1,2-Diphenylhydrazine	0.37	U	3.70	2.92		mg/Kg	☼	79	62 - 118	4	30
1,4-Dioxane	0.037	U	3.70	1.85		mg/Kg	☼	50	31 - 105	5	30
2,2'-oxybis[1-chloropropane]	0.37	U	3.70	3.14		mg/Kg	☼	85	50 - 126	1	30
2,3,4,6-Tetrachlorophenol	0.37	U	3.70	3.30		mg/Kg	☼	89	62 - 120	5	30
2,4,5-Trichlorophenol	0.37	U	3.70	3.08		mg/Kg	☼	83	64 - 120	0	30
2,4,6-Trichlorophenol	0.15	U	3.70	3.09		mg/Kg	☼	83	65 - 120	2	30
2,4-Dichlorophenol	0.15	U	3.70	3.26		mg/Kg	☼	88	66 - 120	2	30
2,4-Dimethylphenol	0.37	U	3.70	3.13		mg/Kg	☼	85	75 - 136	3	30
2,4-Dinitrophenol	0.30	U	7.41	0.551	*	mg/Kg	☼	7	41 - 120	19	30
2,4-Dinitrotoluene	0.075	U	3.70	3.19		mg/Kg	☼	86	65 - 124	2	30
2,6-Dinitrotoluene	0.075	U	3.70	3.13		mg/Kg	☼	85	67 - 121	0	30
2-Chloronaphthalene	0.37	U	3.70	2.99		mg/Kg	☼	81	64 - 120	2	30
2-Chlorophenol	0.37	U	3.70	3.39		mg/Kg	☼	92	63 - 120	0	30
2-Methylnaphthalene	0.37	U *	3.70	3.21		mg/Kg	☼	87	56 - 102	2	30
2-Methylphenol	0.37	U	3.70	3.47		mg/Kg	☼	94	63 - 120	1	30
2-Nitroaniline	0.37	U	3.70	3.08		mg/Kg	☼	83	52 - 120	2	30
2-Nitrophenol	0.37	U	3.70	2.67		mg/Kg	☼	72	64 - 120	2	30
3,3'-Dichlorobenzidine	0.15	U	3.70	3.22		mg/Kg	☼	87	10 - 106	1	30
3-Nitroaniline	0.37	U	3.70	3.19		mg/Kg	☼	86	18 - 105	1	30
4,6-Dinitro-2-methylphenol	0.30	U	7.41	0.749	*	mg/Kg	☼	10	61 - 127	26	30
4-Bromophenyl phenyl ether	0.37	U	3.70	3.09		mg/Kg	☼	83	64 - 120	3	30
4-Chloro-3-methylphenol	0.37	U	3.70	3.41		mg/Kg	☼	92	68 - 120	5	30
4-Chloroaniline	0.37	U	3.70	2.83		mg/Kg	☼	76	10 - 107	4	30
4-Chlorophenyl phenyl ether	0.37	U	3.70	3.20		mg/Kg	☼	86	62 - 120	0	30
4-Methylphenol	0.37	U	3.70	3.56		mg/Kg	☼	96	61 - 120	4	30
4-Nitroaniline	0.37	U	3.70	3.34		mg/Kg	☼	90	51 - 112	5	30
4-Nitrophenol	0.75	U	7.41	6.74		mg/Kg	☼	91	52 - 122	9	30
Acenaphthene	0.37	U	3.70	3.05		mg/Kg	☼	82	65 - 120	2	30
Acenaphthylene	0.37	U	3.70	3.05		mg/Kg	☼	82	68 - 120	1	30
Acetophenone	0.37	U	3.70	3.11		mg/Kg	☼	84	61 - 111	3	30
Anthracene	0.37	U	3.70	3.21		mg/Kg	☼	87	67 - 120	1	30
Atrazine	0.15	U *	1.48	2.57	E *	mg/Kg	☼	173	52 - 150	2	30
Benzaldehyde	0.37	U *	1.48	2.38	E *	mg/Kg	☼	160	45 - 150	0	30
Benzidine	0.37	U	3.70	2.22		mg/Kg	☼	60	10 - 145	6	30
Benzo[a]anthracene	0.037	U	3.70	2.95		mg/Kg	☼	80	66 - 120	0	30
Benzo[a]pyrene	0.037	U	3.70	3.30		mg/Kg	☼	89	69 - 123	1	30
Benzo[b]fluoranthene	0.037	U	3.70	3.27		mg/Kg	☼	88	66 - 125	3	30
Benzo[g,h,i]perylene	0.37	U	3.70	2.66		mg/Kg	☼	72	66 - 138	1	30
Benzo[k]fluoranthene	0.037	U	3.70	3.35		mg/Kg	☼	91	67 - 122	0	30
Bis(2-chloroethoxy)methane	0.37	U	3.70	3.03		mg/Kg	☼	82	62 - 120	1	30
Bis(2-chloroethyl)ether	0.037	U	3.70	3.19		mg/Kg	☼	86	60 - 120	0	30
Bis(2-ethylhexyl) phthalate	0.37	U	3.70	3.01		mg/Kg	☼	81	64 - 125	0	30
Butyl benzyl phthalate	0.025	J	3.70	2.93		mg/Kg	☼	78	62 - 127	0	30
Caprolactam	0.37	U *	1.48	2.96	E *	mg/Kg	☼	200	46 - 150	12	30
Carbazole	0.37	U	3.70	3.36		mg/Kg	☼	91	64 - 120	3	30
Chrysene	0.37	U	3.70	2.90		mg/Kg	☼	78	67 - 120	1	30

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

Lab Sample ID: 460-326803-C-1-B MSD
Matrix: Solid
Analysis Batch: 1040069

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	0.037	U	3.70	2.95		mg/Kg	☼	80	66 - 128	1	30
Dibenzofuran	0.37	U	3.70	3.15		mg/Kg	☼	85	61 - 120	1	30
Diethyl phthalate	0.37	U	3.70	3.21		mg/Kg	☼	87	63 - 120	1	30
Dimethyl phthalate	0.37	U	3.70	3.12		mg/Kg	☼	84	65 - 120	3	30
Di-n-butyl phthalate	0.37	U	3.70	3.45		mg/Kg	☼	93	61 - 120	0	30
Di-n-octyl phthalate	0.37	U	3.70	3.70		mg/Kg	☼	100	61 - 123	4	30
Fluoranthene	0.37	U	3.70	3.53		mg/Kg	☼	95	61 - 120	3	30
Fluorene	0.37	U	3.70	3.25		mg/Kg	☼	88	64 - 120	2	30
Hexachlorobenzene	0.037	U	3.70	3.08		mg/Kg	☼	83	66 - 120	1	30
Hexachlorobutadiene	0.075	U	3.70	2.90		mg/Kg	☼	78	62 - 120	0	30
Hexachlorocyclopentadiene	0.37	U	3.70	0.334	J *	mg/Kg	☼	9	32 - 150	6	30
Hexachloroethane	0.037	U	3.70	2.38		mg/Kg	☼	64	61 - 112	1	30
Indeno[1,2,3-cd]pyrene	0.037	U	3.70	2.85		mg/Kg	☼	77	63 - 137	2	30
Isophorone	0.15	U	3.70	3.00		mg/Kg	☼	81	61 - 120	1	30
Naphthalene	0.37	U	3.70	3.13		mg/Kg	☼	85	63 - 113	2	30
Nitrobenzene	0.037	U	3.70	3.39		mg/Kg	☼	91	63 - 120	1	30
N-Nitrosodi-n-propylamine	0.037	U	3.70	3.43		mg/Kg	☼	93	60 - 120	2	30
N-Nitrosodiphenylamine	0.37	U	3.70	3.00		mg/Kg	☼	81	63 - 120	4	30
Pentachlorophenol	0.30	U	7.41	6.09		mg/Kg	☼	82	61 - 126	3	30
Phenanthrene	0.37	U	3.70	3.20		mg/Kg	☼	86	66 - 120	1	30
Phenol	0.37	U	3.70	3.31		mg/Kg	☼	89	63 - 120	0	30
Pyrene	0.37	U	3.70	2.70		mg/Kg	☼	73	61 - 121	1	30
Pyridine	0.37	U	7.41	4.40		mg/Kg	☼	59	21 - 120	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*79*		*24 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*
Phenol-d5 (Surr)	*80*		*28 - 118*
Terphenyl-d14 (Surr)	*65*		*33 - 124*

Lab Sample ID: MB 460-1040352/1-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040352

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		05/29/25 20:31	05/30/25 07:20	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/29/25 20:31	05/30/25 07:20	1

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

Lab Sample ID: MB 460-1040352/1-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/29/25 20:31	05/30/25 07:20	1

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

Lab Sample ID: MB 460-1040352/1-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/29/25 20:31	05/30/25 07:20	1
Pyridine	0.33	U	0.33	0.047	mg/Kg		05/29/25 20:31	05/30/25 07:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/29/25 20:31*	*05/30/25 07:20*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
2-Fluorobiphenyl	*62*		*33 - 117*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
Phenol-d5 (Surr)	*61*		*28 - 118*	*05/29/25 20:31*	*05/30/25 07:20*	*1*
Terphenyl-d14 (Surr)	*61*		*33 - 124*	*05/29/25 20:31*	*05/30/25 07:20*	*1*

Lab Sample ID: LCS 460-1040352/2-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.43		mg/Kg		73	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.53		mg/Kg		76	60 - 120
1,2-Diphenylhydrazine	3.33	2.14		mg/Kg		64	62 - 118
1,4-Dioxane	3.33	1.72		mg/Kg		51	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.04		mg/Kg		61	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.62		mg/Kg		79	62 - 120
2,4,5-Trichlorophenol	3.33	2.60		mg/Kg		78	64 - 120
2,4,6-Trichlorophenol	3.33	2.54		mg/Kg		76	65 - 120
2,4-Dichlorophenol	3.33	2.63		mg/Kg		79	66 - 120
2,4-Dimethylphenol	3.33	2.44	*	mg/Kg		73	75 - 136
2,4-Dinitrophenol	6.67	4.76		mg/Kg		71	41 - 120
2,4-Dinitrotoluene	3.33	2.68		mg/Kg		80	65 - 124
2,6-Dinitrotoluene	3.33	2.61		mg/Kg		78	67 - 121
2-Chloronaphthalene	3.33	2.47		mg/Kg		74	64 - 120
2-Chlorophenol	3.33	2.53		mg/Kg		76	63 - 120
2-Methylnaphthalene	3.33	2.53		mg/Kg		76	56 - 102
2-Methylphenol	3.33	2.42		mg/Kg		73	63 - 120
2-Nitroaniline	3.33	2.17		mg/Kg		65	52 - 120
2-Nitrophenol	3.33	2.48		mg/Kg		74	64 - 120
3,3'-Dichlorobenzidine	3.33	1.98		mg/Kg		59	10 - 106

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

Lab Sample ID: LCS 460-1040352/2-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	3.33	2.24		mg/Kg		67	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.57		mg/Kg		84	61 - 127
4-Bromophenyl phenyl ether	3.33	2.70		mg/Kg		81	64 - 120
4-Chloro-3-methylphenol	3.33	2.54		mg/Kg		76	68 - 120
4-Chloroaniline	3.33	2.11		mg/Kg		63	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.63		mg/Kg		79	62 - 120
4-Methylphenol	3.33	2.46		mg/Kg		74	61 - 120
4-Nitroaniline	3.33	2.45		mg/Kg		73	51 - 112
4-Nitrophenol	6.67	4.37		mg/Kg		66	52 - 122
Acenaphthene	3.33	2.39		mg/Kg		72	65 - 120
Acenaphthylene	3.33	2.42		mg/Kg		72	68 - 120
Acetophenone	3.33	2.16		mg/Kg		65	61 - 111
Anthracene	3.33	2.54		mg/Kg		76	67 - 120
Atrazine	1.33	1.63		mg/Kg		122	52 - 150
Benzaldehyde	1.33	1.18		mg/Kg		89	45 - 150
Benzidine	3.33	1.78		mg/Kg		53	10 - 145
Benzo[a]anthracene	3.33	2.48		mg/Kg		74	66 - 120
Benzo[a]pyrene	3.33	2.77		mg/Kg		83	69 - 123
Benzo[b]fluoranthene	3.33	2.69		mg/Kg		81	66 - 125
Benzo[g,h,i]perylene	3.33	2.73		mg/Kg		82	66 - 138
Benzo[k]fluoranthene	3.33	2.68		mg/Kg		80	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.34		mg/Kg		70	62 - 120
Bis(2-chloroethyl)ether	3.33	2.27		mg/Kg		68	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.40		mg/Kg		72	64 - 125
Butyl benzyl phthalate	3.33	2.40		mg/Kg		72	62 - 127
Caprolactam	1.33	1.40		mg/Kg		105	46 - 150
Carbazole	3.33	2.59		mg/Kg		78	64 - 120
Chrysene	3.33	2.41		mg/Kg		72	67 - 120
Dibenz(a,h)anthracene	3.33	2.75		mg/Kg		83	66 - 128
Dibenzofuran	3.33	2.48		mg/Kg		75	61 - 120
Diethyl phthalate	3.33	2.49		mg/Kg		75	63 - 120
Dimethyl phthalate	3.33	2.51		mg/Kg		75	65 - 120
Di-n-butyl phthalate	3.33	2.59		mg/Kg		78	61 - 120
Di-n-octyl phthalate	3.33	2.58		mg/Kg		77	61 - 123
Fluoranthene	3.33	2.68		mg/Kg		80	61 - 120
Fluorene	3.33	2.50		mg/Kg		75	64 - 120
Hexachlorobenzene	3.33	2.82		mg/Kg		85	66 - 120
Hexachlorobutadiene	3.33	2.59		mg/Kg		78	62 - 120
Hexachlorocyclopentadiene	3.33	2.13		mg/Kg		64	32 - 150
Hexachloroethane	3.33	2.35		mg/Kg		71	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.79		mg/Kg		84	63 - 137
Isophorone	3.33	2.25		mg/Kg		67	61 - 120
Naphthalene	3.33	2.42		mg/Kg		73	63 - 113
Nitrobenzene	3.33	2.48		mg/Kg		75	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.21		mg/Kg		66	60 - 120
N-Nitrosodiphenylamine	3.33	2.49		mg/Kg		75	63 - 120
Pentachlorophenol	6.67	5.44		mg/Kg		82	61 - 126
Phenanthrene	3.33	2.53		mg/Kg		76	66 - 120
Phenol	3.33	2.37		mg/Kg		71	63 - 120

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

Lab Sample ID: LCS 460-1040352/2-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040352

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene			3.33	2.40		mg/Kg		72	61 - 121		
Pyridine			6.67	4.08		mg/Kg		61	21 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*18 - 137*
2-Fluorobiphenyl	*68*		*33 - 117*
2-Fluorophenol (Surr)	*68*		*24 - 120*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*
Phenol-d5 (Surr)	*66*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: LCSD 460-1040352/3-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040352

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.49		mg/Kg		75	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene			3.33	2.57		mg/Kg		77	60 - 120	1	30
1,2-Diphenylhydrazine			3.33	2.19		mg/Kg		66	62 - 118	2	30
1,4-Dioxane			3.33	1.74		mg/Kg		52	31 - 105	1	30
2,2'-oxybis[1-chloropropane]			3.33	2.02		mg/Kg		61	50 - 126	1	30
2,3,4,6-Tetrachlorophenol			3.33	2.61		mg/Kg		78	62 - 120	0	30
2,4,5-Trichlorophenol			3.33	2.57		mg/Kg		77	64 - 120	1	30
2,4,6-Trichlorophenol			3.33	2.61		mg/Kg		78	65 - 120	3	30
2,4-Dichlorophenol			3.33	2.61		mg/Kg		78	66 - 120	1	30
2,4-Dimethylphenol			3.33	2.47	*	mg/Kg		74	75 - 136	1	30
2,4-Dinitrophenol			6.67	4.84		mg/Kg		73	41 - 120	2	30
2,4-Dinitrotoluene			3.33	2.71		mg/Kg		81	65 - 124	1	30
2,6-Dinitrotoluene			3.33	2.61		mg/Kg		78	67 - 121	0	30
2-Chloronaphthalene			3.33	2.48		mg/Kg		74	64 - 120	0	30
2-Chlorophenol			3.33	2.52		mg/Kg		75	63 - 120	1	30
2-Methylnaphthalene			3.33	2.51		mg/Kg		75	56 - 102	1	30
2-Methylphenol			3.33	2.40		mg/Kg		72	63 - 120	1	30
2-Nitroaniline			3.33	2.16		mg/Kg		65	52 - 120	1	30
2-Nitrophenol			3.33	2.57		mg/Kg		77	64 - 120	4	30
3,3'-Dichlorobenzidine			3.33	1.92		mg/Kg		57	10 - 106	3	30
3-Nitroaniline			3.33	2.20		mg/Kg		66	18 - 105	2	30
4,6-Dinitro-2-methylphenol			6.67	5.65		mg/Kg		85	61 - 127	1	30
4-Bromophenyl phenyl ether			3.33	2.73		mg/Kg		82	64 - 120	1	30
4-Chloro-3-methylphenol			3.33	2.46		mg/Kg		74	68 - 120	3	30
4-Chloroaniline			3.33	2.08		mg/Kg		62	10 - 107	1	30
4-Chlorophenyl phenyl ether			3.33	2.65		mg/Kg		79	62 - 120	1	30
4-Methylphenol			3.33	2.45		mg/Kg		73	61 - 120	0	30
4-Nitroaniline			3.33	2.39		mg/Kg		72	51 - 112	3	30
4-Nitrophenol			6.67	4.28		mg/Kg		64	52 - 122	2	30
Acenaphthene			3.33	2.42		mg/Kg		72	65 - 120	1	30
Acenaphthylene			3.33	2.42		mg/Kg		73	68 - 120	0	30
Acetophenone			3.33	2.18		mg/Kg		65	61 - 111	1	30

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

Lab Sample ID: LCSD 460-1040352/3-A
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040352

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			3.33	2.52		mg/Kg		76	67 - 120	1	30
Atrazine			1.33	1.64		mg/Kg		123	52 - 150	0	30
Benzaldehyde			1.33	1.17		mg/Kg		88	45 - 150	1	30
Benzidine			3.33	1.72		mg/Kg		52	10 - 145	3	30
Benzo[a]anthracene			3.33	2.39		mg/Kg		72	66 - 120	4	30
Benzo[a]pyrene			3.33	2.75		mg/Kg		82	69 - 123	1	30
Benzo[b]fluoranthene			3.33	2.59		mg/Kg		78	66 - 125	4	30
Benzo[g,h,i]perylene			3.33	2.79		mg/Kg		84	66 - 138	2	30
Benzo[k]fluoranthene			3.33	2.76		mg/Kg		83	67 - 122	3	30
Bis(2-chloroethoxy)methane			3.33	2.31		mg/Kg		69	62 - 120	1	30
Bis(2-chloroethyl)ether			3.33	2.24		mg/Kg		67	60 - 120	2	30
Bis(2-ethylhexyl) phthalate			3.33	2.34		mg/Kg		70	64 - 125	3	30
Butyl benzyl phthalate			3.33	2.35		mg/Kg		70	62 - 127	2	30
Caprolactam			1.33	1.34		mg/Kg		101	46 - 150	4	30
Carbazole			3.33	2.58		mg/Kg		77	64 - 120	0	30
Chrysene			3.33	2.38		mg/Kg		71	67 - 120	1	30
Dibenz(a,h)anthracene			3.33	2.74		mg/Kg		82	66 - 128	0	30
Dibenzofuran			3.33	2.49		mg/Kg		75	61 - 120	0	30
Diethyl phthalate			3.33	2.45		mg/Kg		74	63 - 120	2	30
Dimethyl phthalate			3.33	2.52		mg/Kg		76	65 - 120	0	30
Di-n-butyl phthalate			3.33	2.60		mg/Kg		78	61 - 120	0	30
Di-n-octyl phthalate			3.33	2.61		mg/Kg		78	61 - 123	1	30
Fluoranthene			3.33	2.65		mg/Kg		80	61 - 120	1	30
Fluorene			3.33	2.48		mg/Kg		74	64 - 120	1	30
Hexachlorobenzene			3.33	2.80		mg/Kg		84	66 - 120	1	30
Hexachlorobutadiene			3.33	2.60		mg/Kg		78	62 - 120	1	30
Hexachlorocyclopentadiene			3.33	2.16		mg/Kg		65	32 - 150	2	30
Hexachloroethane			3.33	2.35		mg/Kg		70	61 - 112	0	30
Indeno[1,2,3-cd]pyrene			3.33	2.81		mg/Kg		84	63 - 137	1	30
Isophorone			3.33	2.26		mg/Kg		68	61 - 120	0	30
Naphthalene			3.33	2.43		mg/Kg		73	63 - 113	0	30
Nitrobenzene			3.33	2.46		mg/Kg		74	63 - 120	1	30
N-Nitrosodi-n-propylamine			3.33	2.20		mg/Kg		66	60 - 120	0	30
N-Nitrosodiphenylamine			3.33	2.56		mg/Kg		77	63 - 120	3	30
Pentachlorophenol			6.67	5.39		mg/Kg		81	61 - 126	1	30
Phenanthrene			3.33	2.53		mg/Kg		76	66 - 120	0	30
Phenol			3.33	2.35		mg/Kg		70	63 - 120	1	30
Pyrene			3.33	2.39		mg/Kg		72	61 - 121	0	30
Pyridine			6.67	4.16		mg/Kg		62	21 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*69*		*24 - 120*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*
Phenol-d5 (Surr)	*65*		*28 - 118*
Terphenyl-d14 (Surr)	*68*		*33 - 124*

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

Lab Sample ID: 460-326691-16 MS
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.36	U	3.60	2.48		mg/Kg	☼	69	64 - 120
1,2,4,5-Tetrachlorobenzene	0.36	U	3.60	2.58		mg/Kg	☼	72	60 - 120
1,2-Diphenylhydrazine	0.36	U	3.60	2.26		mg/Kg	☼	63	62 - 118
1,4-Dioxane	0.036	U	3.60	1.59		mg/Kg	☼	44	31 - 105
2,2'-oxybis[1-chloropropane]	0.36	U	3.60	2.02		mg/Kg	☼	56	50 - 126
2,3,4,6-Tetrachlorophenol	0.36	U	3.60	2.74		mg/Kg	☼	76	62 - 120
2,4,5-Trichlorophenol	0.36	U	3.60	2.67		mg/Kg	☼	74	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.60	2.64		mg/Kg	☼	73	65 - 120
2,4-Dichlorophenol	0.14	U	3.60	2.63		mg/Kg	☼	73	66 - 120
2,4-Dimethylphenol	0.36	U *	3.60	2.51	*	mg/Kg	☼	70	75 - 136
2,4-Dinitrophenol	0.29	U	7.20	4.67		mg/Kg	☼	65	41 - 120
2,4-Dinitrotoluene	0.072	U	3.60	2.82		mg/Kg	☼	78	65 - 124
2,6-Dinitrotoluene	0.072	U	3.60	2.75		mg/Kg	☼	76	67 - 121
2-Chloronaphthalene	0.36	U	3.60	2.48		mg/Kg	☼	69	64 - 120
2-Chlorophenol	0.36	U	3.60	2.56		mg/Kg	☼	71	63 - 120
2-Methylnaphthalene	0.36	U	3.60	2.50		mg/Kg	☼	70	56 - 102
2-Methylphenol	0.36	U	3.60	2.43		mg/Kg	☼	67	63 - 120
2-Nitroaniline	0.36	U	3.60	2.20		mg/Kg	☼	61	52 - 120
2-Nitrophenol	0.36	U	3.60	2.48		mg/Kg	☼	69	64 - 120
3,3'-Dichlorobenzidine	0.14	U	3.60	1.69		mg/Kg	☼	47	10 - 106
3-Nitroaniline	0.36	U	3.60	2.23		mg/Kg	☼	62	18 - 105
4,6-Dinitro-2-methylphenol	0.29	U	7.20	5.83		mg/Kg	☼	81	61 - 127
4-Bromophenyl phenyl ether	0.36	U	3.60	2.82		mg/Kg	☼	78	64 - 120
4-Chloro-3-methylphenol	0.36	U	3.60	2.58		mg/Kg	☼	72	68 - 120
4-Chloroaniline	0.36	U	3.60	1.85		mg/Kg	☼	51	10 - 107
4-Chlorophenyl phenyl ether	0.36	U	3.60	2.72		mg/Kg	☼	76	62 - 120
4-Methylphenol	0.36	U	3.60	2.54		mg/Kg	☼	71	61 - 120
4-Nitroaniline	0.36	U	3.60	2.54		mg/Kg	☼	71	51 - 112
4-Nitrophenol	0.72	U	7.20	4.46		mg/Kg	☼	62	52 - 122
Acenaphthene	0.36	U	3.60	2.44		mg/Kg	☼	68	65 - 120
Acenaphthylene	0.36	U	3.60	2.45		mg/Kg	☼	68	68 - 120
Acetophenone	0.36	U	3.60	2.18	*	mg/Kg	☼	60	61 - 111
Anthracene	0.36	U	3.60	2.73		mg/Kg	☼	76	67 - 120
Atrazine	0.14	U	1.44	1.98		mg/Kg	☼	138	52 - 150
Benzaldehyde	0.36	U	1.44	1.43	E	mg/Kg	☼	99	45 - 150
Benzidine	0.36	U	3.60	2.11		mg/Kg	☼	59	10 - 145
Benzo[a]anthracene	0.036	U	3.60	2.61		mg/Kg	☼	73	66 - 120
Benzo[a]pyrene	0.036	U	3.60	2.98		mg/Kg	☼	83	69 - 123
Benzo[b]fluoranthene	0.036	U	3.60	2.88		mg/Kg	☼	80	66 - 125
Benzo[g,h,i]perylene	0.36	U	3.60	2.80		mg/Kg	☼	78	66 - 138
Benzo[k]fluoranthene	0.036	U	3.60	2.86		mg/Kg	☼	79	67 - 122
Bis(2-chloroethoxy)methane	0.36	U	3.60	2.30		mg/Kg	☼	64	62 - 120
Bis(2-chloroethyl)ether	0.036	U	3.60	2.29		mg/Kg	☼	64	60 - 120
Bis(2-ethylhexyl) phthalate	0.36	U	3.60	2.51		mg/Kg	☼	70	64 - 125
Butyl benzyl phthalate	0.36	U	3.60	2.52		mg/Kg	☼	70	62 - 127
Caprolactam	0.36	U	1.44	1.64		mg/Kg	☼	114	46 - 150
Carbazole	0.36	U	3.60	2.76		mg/Kg	☼	77	64 - 120
Chrysene	0.36	U	3.60	2.57		mg/Kg	☼	71	67 - 120

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

Lab Sample ID: 460-326691-16 MS
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	0.036	U	3.60	2.89		mg/Kg	☼	80	66 - 128
Dibenzofuran	0.36	U	3.60	2.57		mg/Kg	☼	72	61 - 120
Diethyl phthalate	0.36	U	3.60	2.61		mg/Kg	☼	73	63 - 120
Dimethyl phthalate	0.36	U	3.60	2.67		mg/Kg	☼	74	65 - 120
Di-n-butyl phthalate	0.36	U	3.60	2.78		mg/Kg	☼	77	61 - 120
Di-n-octyl phthalate	0.36	U	3.60	2.81		mg/Kg	☼	78	61 - 123
Fluoranthene	0.36	U	3.60	2.84		mg/Kg	☼	79	61 - 120
Fluorene	0.36	U	3.60	2.60		mg/Kg	☼	72	64 - 120
Hexachlorobenzene	0.036	U	3.60	2.95		mg/Kg	☼	82	66 - 120
Hexachlorobutadiene	0.072	U	3.60	2.55		mg/Kg	☼	71	62 - 120
Hexachlorocyclopentadiene	0.36	U	3.60	2.09		mg/Kg	☼	58	32 - 150
Hexachloroethane	0.036	U	3.60	2.33		mg/Kg	☼	65	61 - 112
Indeno[1,2,3-cd]pyrene	0.036	U	3.60	2.94		mg/Kg	☼	82	63 - 137
Isophorone	0.14	U	3.60	2.22		mg/Kg	☼	62	61 - 120
Naphthalene	0.36	U	3.60	2.43		mg/Kg	☼	67	63 - 113
Nitrobenzene	0.036	U	3.60	2.45		mg/Kg	☼	68	63 - 120
N-Nitrosodi-n-propylamine	0.036	U	3.60	2.24		mg/Kg	☼	62	60 - 120
N-Nitrosodiphenylamine	0.36	U	3.60	2.74		mg/Kg	☼	76	63 - 120
Pentachlorophenol	0.29	U	7.20	5.64		mg/Kg	☼	78	61 - 126
Phenanthrene	0.36	U	3.60	2.72		mg/Kg	☼	76	66 - 120
Phenol	0.36	U	3.60	2.41		mg/Kg	☼	67	63 - 120
Pyrene	0.36	U	3.60	2.59		mg/Kg	☼	72	61 - 121
Pyridine	0.36	U	7.20	3.83		mg/Kg	☼	53	21 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*61*		*33 - 117*
2-Fluorophenol (Surr)	*62*		*24 - 120*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*
Phenol-d5 (Surr)	*59*		*28 - 118*
Terphenyl-d14 (Surr)	*64*		*33 - 124*

Lab Sample ID: 460-326691-16 MSD
Matrix: Solid
Analysis Batch: 1040410

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.36	U	3.60	2.40		mg/Kg	☼	67	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene	0.36	U	3.60	2.48		mg/Kg	☼	69	60 - 120	4	30
1,2-Diphenylhydrazine	0.36	U	3.60	2.16	*	mg/Kg	☼	60	62 - 118	5	30
1,4-Dioxane	0.036	U	3.60	1.55		mg/Kg	☼	43	31 - 105	2	30
2,2'-oxybis[1-chloropropane]	0.36	U	3.60	1.96		mg/Kg	☼	54	50 - 126	3	30
2,3,4,6-Tetrachlorophenol	0.36	U	3.60	2.63		mg/Kg	☼	73	62 - 120	4	30
2,4,5-Trichlorophenol	0.36	U	3.60	2.53		mg/Kg	☼	70	64 - 120	5	30
2,4,6-Trichlorophenol	0.14	U	3.60	2.51		mg/Kg	☼	70	65 - 120	5	30
2,4-Dichlorophenol	0.14	U	3.60	2.56		mg/Kg	☼	71	66 - 120	2	30
2,4-Dimethylphenol	0.36	U *	3.60	2.36	*	mg/Kg	☼	66	75 - 136	6	30
2,4-Dinitrophenol	0.29	U	7.20	4.43		mg/Kg	☼	62	41 - 120	5	30

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

Lab Sample ID: 460-326691-16 MSD
Client Sample ID: A3_10-15_20250520
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040410
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.072	U	3.60	2.66		mg/Kg	☼	74	65 - 124	6	30
2,6-Dinitrotoluene	0.072	U	3.60	2.61		mg/Kg	☼	73	67 - 121	5	30
2-Chloronaphthalene	0.36	U	3.60	2.38		mg/Kg	☼	66	64 - 120	4	30
2-Chlorophenol	0.36	U	3.60	2.48		mg/Kg	☼	69	63 - 120	3	30
2-Methylnaphthalene	0.36	U	3.60	2.40		mg/Kg	☼	67	56 - 102	4	30
2-Methylphenol	0.36	U	3.60	2.37		mg/Kg	☼	66	63 - 120	2	30
2-Nitroaniline	0.36	U	3.60	2.09		mg/Kg	☼	58	52 - 120	5	30
2-Nitrophenol	0.36	U	3.60	2.46		mg/Kg	☼	68	64 - 120	1	30
3,3'-Dichlorobenzidine	0.14	U	3.60	1.73		mg/Kg	☼	48	10 - 106	2	30
3-Nitroaniline	0.36	U	3.60	2.17		mg/Kg	☼	60	18 - 105	3	30
4,6-Dinitro-2-methylphenol	0.29	U	7.20	5.56		mg/Kg	☼	77	61 - 127	5	30
4-Bromophenyl phenyl ether	0.36	U	3.60	2.74		mg/Kg	☼	76	64 - 120	3	30
4-Chloro-3-methylphenol	0.36	U	3.60	2.45		mg/Kg	☼	68	68 - 120	5	30
4-Chloroaniline	0.36	U	3.60	1.95		mg/Kg	☼	54	10 - 107	5	30
4-Chlorophenyl phenyl ether	0.36	U	3.60	2.63		mg/Kg	☼	73	62 - 120	3	30
4-Methylphenol	0.36	U	3.60	2.43		mg/Kg	☼	68	61 - 120	4	30
4-Nitroaniline	0.36	U	3.60	2.40		mg/Kg	☼	67	51 - 112	5	30
4-Nitrophenol	0.72	U	7.20	4.27		mg/Kg	☼	59	52 - 122	4	30
Acenaphthene	0.36	U	3.60	2.40		mg/Kg	☼	67	65 - 120	2	30
Acenaphthylene	0.36	U	3.60	2.36	*	mg/Kg	☼	65	68 - 120	4	30
Acetophenone	0.36	U	3.60	2.08	*	mg/Kg	☼	58	61 - 111	5	30
Anthracene	0.36	U	3.60	2.59		mg/Kg	☼	72	67 - 120	5	30
Atrazine	0.14	U	1.44	2.17	*	mg/Kg	☼	151	52 - 150	9	30
Benzaldehyde	0.36	U	1.44	1.55	E	mg/Kg	☼	107	45 - 150	8	30
Benzidine	0.36	U	3.60	2.04		mg/Kg	☼	57	10 - 145	3	30
Benzo[a]anthracene	0.036	U	3.60	2.48		mg/Kg	☼	69	66 - 120	5	30
Benzo[a]pyrene	0.036	U	3.60	2.80		mg/Kg	☼	78	69 - 123	6	30
Benzo[b]fluoranthene	0.036	U	3.60	2.66		mg/Kg	☼	74	66 - 125	8	30
Benzo[g,h,i]perylene	0.36	U	3.60	2.68		mg/Kg	☼	74	66 - 138	4	30
Benzo[k]fluoranthene	0.036	U	3.60	2.87		mg/Kg	☼	80	67 - 122	0	30
Bis(2-chloroethoxy)methane	0.36	U	3.60	2.26		mg/Kg	☼	63	62 - 120	2	30
Bis(2-chloroethyl)ether	0.036	U	3.60	2.21		mg/Kg	☼	61	60 - 120	4	30
Bis(2-ethylhexyl) phthalate	0.36	U	3.60	2.43		mg/Kg	☼	68	64 - 125	3	30
Butyl benzyl phthalate	0.36	U	3.60	2.42		mg/Kg	☼	67	62 - 127	4	30
Caprolactam	0.36	U	1.44	1.76		mg/Kg	☼	122	46 - 150	7	30
Carbazole	0.36	U	3.60	2.60		mg/Kg	☼	72	64 - 120	6	30
Chrysene	0.36	U	3.60	2.45		mg/Kg	☼	68	67 - 120	5	30
Dibenz(a,h)anthracene	0.036	U	3.60	2.74		mg/Kg	☼	76	66 - 128	5	30
Dibenzofuran	0.36	U	3.60	2.46		mg/Kg	☼	68	61 - 120	5	30
Diethyl phthalate	0.36	U	3.60	2.51		mg/Kg	☼	70	63 - 120	4	30
Dimethyl phthalate	0.36	U	3.60	2.53		mg/Kg	☼	70	65 - 120	5	30
Di-n-butyl phthalate	0.36	U	3.60	2.66		mg/Kg	☼	74	61 - 120	4	30
Di-n-octyl phthalate	0.36	U	3.60	2.71		mg/Kg	☼	75	61 - 123	4	30
Fluoranthene	0.36	U	3.60	2.70		mg/Kg	☼	75	61 - 120	5	30
Fluorene	0.36	U	3.60	2.49		mg/Kg	☼	69	64 - 120	4	30
Hexachlorobenzene	0.036	U	3.60	2.88		mg/Kg	☼	80	66 - 120	3	30
Hexachlorobutadiene	0.072	U	3.60	2.51		mg/Kg	☼	70	62 - 120	2	30
Hexachlorocyclopentadiene	0.36	U	3.60	2.10		mg/Kg	☼	58	32 - 150	0	30
Hexachloroethane	0.036	U	3.60	2.23		mg/Kg	☼	62	61 - 112	4	30

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

Lab Sample ID: 460-326691-16 MSD
Client Sample ID: A3_10-15_20250520
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040410
Prep Batch: 1040352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	0.036	U	3.60	2.66		mg/Kg	☼	74	63 - 137	10	30
Isophorone	0.14	U	3.60	2.16	*	mg/Kg	☼	60	61 - 120	3	30
Naphthalene	0.36	U	3.60	2.33		mg/Kg	☼	65	63 - 113	4	30
Nitrobenzene	0.036	U	3.60	2.37		mg/Kg	☼	66	63 - 120	3	30
N-Nitrosodi-n-propylamine	0.036	U	3.60	2.14	*	mg/Kg	☼	59	60 - 120	5	30
N-Nitrosodiphenylamine	0.36	U	3.60	2.58		mg/Kg	☼	72	63 - 120	6	30
Pentachlorophenol	0.29	U	7.20	5.39		mg/Kg	☼	75	61 - 126	5	30
Phenanthrene	0.36	U	3.60	2.60		mg/Kg	☼	72	66 - 120	5	30
Phenol	0.36	U	3.60	2.35		mg/Kg	☼	65	63 - 120	3	30
Pyrene	0.36	U	3.60	2.47		mg/Kg	☼	69	61 - 121	4	30
Pyridine	0.36	U	7.20	3.70		mg/Kg	☼	51	21 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*65*		*24 - 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*
Phenol-d5 (Surr)	*62*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: MB 460-1040354/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040407
Prep Batch: 1040354

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		05/29/25 20:32	05/30/25 09:31	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:32	05/30/25 09:31	1

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

Lab Sample ID: MB 460-1040354/1-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/29/25 20:32	05/30/25 09:31	1
Pyridine	0.33	U	0.33	0.047	mg/Kg		05/29/25 20:32	05/30/25 09:31	1

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

Lab Sample ID: MB 460-1040354/1-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040354

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg			N/A	05/29/25 20:32	05/30/25 09:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		18 - 137	05/29/25 20:32	05/30/25 09:31	1
2-Fluorobiphenyl	74		33 - 117	05/29/25 20:32	05/30/25 09:31	1
2-Fluorophenol (Surr)	78		24 - 120	05/29/25 20:32	05/30/25 09:31	1
Nitrobenzene-d5 (Surr)	73		27 - 120	05/29/25 20:32	05/30/25 09:31	1
Phenol-d5 (Surr)	75		28 - 118	05/29/25 20:32	05/30/25 09:31	1
Terphenyl-d14 (Surr)	72		33 - 124	05/29/25 20:32	05/30/25 09:31	1

Lab Sample ID: LCS 460-1040354/2-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.85		mg/Kg		86	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.82		mg/Kg		85	60 - 120
1,2-Diphenylhydrazine	3.33	2.99		mg/Kg		90	62 - 118
1,4-Dioxane	3.33	2.63		mg/Kg		79	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.79		mg/Kg		84	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.96		mg/Kg		89	62 - 120
2,4,5-Trichlorophenol	3.33	2.93		mg/Kg		88	64 - 120
2,4,6-Trichlorophenol	3.33	2.97		mg/Kg		89	65 - 120
2,4-Dichlorophenol	3.33	2.98		mg/Kg		89	66 - 120
2,4-Dimethylphenol	3.33	2.88		mg/Kg		86	75 - 136
2,4-Dinitrophenol	6.67	5.97		mg/Kg		90	41 - 120
2,4-Dinitrotoluene	3.33	3.17		mg/Kg		95	65 - 124
2,6-Dinitrotoluene	3.33	3.03		mg/Kg		91	67 - 121
2-Chloronaphthalene	3.33	2.83		mg/Kg		85	64 - 120
2-Chlorophenol	3.33	2.91		mg/Kg		87	63 - 120
2-Methylnaphthalene	3.33	2.86		mg/Kg		86	56 - 102
2-Methylphenol	3.33	2.98		mg/Kg		89	63 - 120
2-Nitroaniline	3.33	3.00		mg/Kg		90	52 - 120
2-Nitrophenol	3.33	2.79		mg/Kg		84	64 - 120
3,3'-Dichlorobenzidine	3.33	2.77		mg/Kg		83	10 - 106
3-Nitroaniline	3.33	2.89		mg/Kg		87	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.67		mg/Kg		100	61 - 127
4-Bromophenyl phenyl ether	3.33	3.05		mg/Kg		91	64 - 120
4-Chloro-3-methylphenol	3.33	3.01		mg/Kg		90	68 - 120
4-Chloroaniline	3.33	2.70		mg/Kg		81	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.93		mg/Kg		88	62 - 120
4-Methylphenol	3.33	2.99		mg/Kg		90	61 - 120
4-Nitroaniline	3.33	2.97		mg/Kg		89	51 - 112
4-Nitrophenol	6.67	6.00		mg/Kg		90	52 - 122
Acenaphthene	3.33	2.88		mg/Kg		86	65 - 120
Acenaphthylene	3.33	2.88		mg/Kg		86	68 - 120
Acetophenone	3.33	2.62		mg/Kg		79	61 - 111
Anthracene	3.33	3.09		mg/Kg		93	67 - 120

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

Lab Sample ID: LCS 460-1040354/2-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	1.33	1.98		mg/Kg		149	52 - 150
Benzaldehyde	1.33	1.70		mg/Kg		127	45 - 150
Benzidine	3.33	2.52		mg/Kg		76	10 - 145
Benzo[a]anthracene	3.33	2.78		mg/Kg		83	66 - 120
Benzo[a]pyrene	3.33	3.21		mg/Kg		96	69 - 123
Benzo[b]fluoranthene	3.33	3.08		mg/Kg		92	66 - 125
Benzo[g,h,i]perylene	3.33	3.15		mg/Kg		94	66 - 138
Benzo[k]fluoranthene	3.33	3.26		mg/Kg		98	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.81		mg/Kg		84	62 - 120
Bis(2-chloroethyl)ether	3.33	2.85		mg/Kg		85	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.86		mg/Kg		86	64 - 125
Butyl benzyl phthalate	3.33	2.86		mg/Kg		86	62 - 127
Caprolactam	1.33	1.82		mg/Kg		137	46 - 150
Carbazole	3.33	3.11		mg/Kg		93	64 - 120
Chrysene	3.33	2.81		mg/Kg		84	67 - 120
Dibenz(a,h)anthracene	3.33	3.10		mg/Kg		93	66 - 128
Dibenzofuran	3.33	2.92		mg/Kg		88	61 - 120
Diethyl phthalate	3.33	2.96		mg/Kg		89	63 - 120
Dimethyl phthalate	3.33	2.90		mg/Kg		87	65 - 120
Di-n-butyl phthalate	3.33	3.15		mg/Kg		95	61 - 120
Di-n-octyl phthalate	3.33	3.07		mg/Kg		92	61 - 123
Fluoranthene	3.33	3.08		mg/Kg		92	61 - 120
Fluorene	3.33	2.92		mg/Kg		88	64 - 120
Hexachlorobenzene	3.33	2.99		mg/Kg		90	66 - 120
Hexachlorobutadiene	3.33	2.73		mg/Kg		82	62 - 120
Hexachlorocyclopentadiene	3.33	2.71		mg/Kg		81	32 - 150
Hexachloroethane	3.33	2.81		mg/Kg		84	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.90		mg/Kg		87	63 - 137
Isophorone	3.33	2.80		mg/Kg		84	61 - 120
Naphthalene	3.33	2.80		mg/Kg		84	63 - 113
Nitrobenzene	3.33	2.91		mg/Kg		87	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.06		mg/Kg		92	60 - 120
N-Nitrosodiphenylamine	3.33	3.06		mg/Kg		92	63 - 120
Pentachlorophenol	6.67	6.39		mg/Kg		96	61 - 126
Phenanthrene	3.33	3.05		mg/Kg		91	66 - 120
Phenol	3.33	2.90		mg/Kg		87	63 - 120
Pyrene	3.33	2.81		mg/Kg		84	61 - 121
Pyridine	6.67	5.33		mg/Kg		80	21 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*18 - 137*
2-Fluorobiphenyl	*76*		*33 - 117*
2-Fluorophenol (Surr)	*77*		*24 - 120*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*
Phenol-d5 (Surr)	*77*		*28 - 118*
Terphenyl-d14 (Surr)	*71*		*33 - 124*

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

Lab Sample ID: LCSD 460-1040354/3-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040354

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.77		mg/Kg		83	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene			3.33	2.73		mg/Kg		82	60 - 120	3	30
1,2-Diphenylhydrazine			3.33	2.98		mg/Kg		89	62 - 118	0	30
1,4-Dioxane			3.33	2.47		mg/Kg		74	31 - 105	6	30
2,2'-oxybis[1-chloropropane]			3.33	2.65		mg/Kg		80	50 - 126	5	30
2,3,4,6-Tetrachlorophenol			3.33	2.92		mg/Kg		88	62 - 120	1	30
2,4,5-Trichlorophenol			3.33	2.83		mg/Kg		85	64 - 120	4	30
2,4,6-Trichlorophenol			3.33	2.88		mg/Kg		86	65 - 120	3	30
2,4-Dichlorophenol			3.33	2.86		mg/Kg		86	66 - 120	4	30
2,4-Dimethylphenol			3.33	2.80		mg/Kg		84	75 - 136	3	30
2,4-Dinitrophenol			6.67	6.04		mg/Kg		91	41 - 120	1	30
2,4-Dinitrotoluene			3.33	3.16		mg/Kg		95	65 - 124	0	30
2,6-Dinitrotoluene			3.33	3.04		mg/Kg		91	67 - 121	0	30
2-Chloronaphthalene			3.33	2.76		mg/Kg		83	64 - 120	3	30
2-Chlorophenol			3.33	2.77		mg/Kg		83	63 - 120	5	30
2-Methylnaphthalene			3.33	2.76		mg/Kg		83	56 - 102	3	30
2-Methylphenol			3.33	2.86		mg/Kg		86	63 - 120	4	30
2-Nitroaniline			3.33	2.93		mg/Kg		88	52 - 120	2	30
2-Nitrophenol			3.33	2.71		mg/Kg		81	64 - 120	3	30
3,3'-Dichlorobenzidine			3.33	2.68		mg/Kg		80	10 - 106	3	30
3-Nitroaniline			3.33	2.82		mg/Kg		85	18 - 105	2	30
4,6-Dinitro-2-methylphenol			6.67	6.61		mg/Kg		99	61 - 127	1	30
4-Bromophenyl phenyl ether			3.33	3.03		mg/Kg		91	64 - 120	1	30
4-Chloro-3-methylphenol			3.33	2.96		mg/Kg		89	68 - 120	2	30
4-Chloroaniline			3.33	2.64		mg/Kg		79	10 - 107	2	30
4-Chlorophenyl phenyl ether			3.33	2.86		mg/Kg		86	62 - 120	2	30
4-Methylphenol			3.33	2.89		mg/Kg		87	61 - 120	3	30
4-Nitroaniline			3.33	3.01		mg/Kg		90	51 - 112	2	30
4-Nitrophenol			6.67	5.97		mg/Kg		90	52 - 122	1	30
Acenaphthene			3.33	2.78		mg/Kg		84	65 - 120	3	30
Acenaphthylene			3.33	2.80		mg/Kg		84	68 - 120	3	30
Acetophenone			3.33	2.53		mg/Kg		76	61 - 111	3	30
Anthracene			3.33	3.05		mg/Kg		91	67 - 120	1	30
Atrazine			1.33	2.03	*	mg/Kg		152	52 - 150	2	30
Benzaldehyde			1.33	1.67		mg/Kg		126	45 - 150	1	30
Benzidine			3.33	2.57		mg/Kg		77	10 - 145	2	30
Benzo[a]anthracene			3.33	2.81		mg/Kg		84	66 - 120	1	30
Benzo[a]pyrene			3.33	3.25		mg/Kg		97	69 - 123	1	30
Benzo[b]fluoranthene			3.33	3.33		mg/Kg		100	66 - 125	8	30
Benzo[g,h,i]perylene			3.33	3.13		mg/Kg		94	66 - 138	0	30
Benzo[k]fluoranthene			3.33	3.00		mg/Kg		90	67 - 122	8	30
Bis(2-chloroethoxy)methane			3.33	2.72		mg/Kg		82	62 - 120	3	30
Bis(2-chloroethyl)ether			3.33	2.74		mg/Kg		82	60 - 120	4	30
Bis(2-ethylhexyl) phthalate			3.33	2.89		mg/Kg		87	64 - 125	1	30
Butyl benzyl phthalate			3.33	2.85		mg/Kg		86	62 - 127	0	30
Caprolactam			1.33	1.86		mg/Kg		139	46 - 150	2	30
Carbazole			3.33	3.10		mg/Kg		93	64 - 120	1	30
Chrysene			3.33	2.85		mg/Kg		86	67 - 120	1	30

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

Lab Sample ID: LCSD 460-1040354/3-A
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040354

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene			3.33	3.06		mg/Kg		92	66 - 128	1	30
Dibenzofuran			3.33	2.83		mg/Kg		85	61 - 120	3	30
Diethyl phthalate			3.33	2.90		mg/Kg		87	63 - 120	2	30
Dimethyl phthalate			3.33	2.85		mg/Kg		85	65 - 120	2	30
Di-n-butyl phthalate			3.33	3.17		mg/Kg		95	61 - 120	0	30
Di-n-octyl phthalate			3.33	3.07		mg/Kg		92	61 - 123	0	30
Fluoranthene			3.33	3.08		mg/Kg		92	61 - 120	0	30
Fluorene			3.33	2.87		mg/Kg		86	64 - 120	2	30
Hexachlorobenzene			3.33	2.99		mg/Kg		90	66 - 120	0	30
Hexachlorobutadiene			3.33	2.65		mg/Kg		79	62 - 120	3	30
Hexachlorocyclopentadiene			3.33	2.56		mg/Kg		77	32 - 150	6	30
Hexachloroethane			3.33	2.69		mg/Kg		81	61 - 112	4	30
Indeno[1,2,3-cd]pyrene			3.33	2.98		mg/Kg		89	63 - 137	3	30
Isophorone			3.33	2.72		mg/Kg		82	61 - 120	3	30
Naphthalene			3.33	2.69		mg/Kg		81	63 - 113	4	30
Nitrobenzene			3.33	2.82		mg/Kg		85	63 - 120	3	30
N-Nitrosodi-n-propylamine			3.33	2.96		mg/Kg		89	60 - 120	3	30
N-Nitrosodiphenylamine			3.33	3.02		mg/Kg		90	63 - 120	1	30
Pentachlorophenol			6.67	6.35		mg/Kg		95	61 - 126	1	30
Phenanthrene			3.33	3.04		mg/Kg		91	66 - 120	0	30
Phenol			3.33	2.80		mg/Kg		84	63 - 120	3	30
Pyrene			3.33	2.81		mg/Kg		84	61 - 121	0	30
Pyridine			6.67	5.07		mg/Kg		76	21 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*
2-Fluorobiphenyl	*74*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d5 (Surr)	*75*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Lab Sample ID: 460-327049-A-20-A MS
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.35	U	3.55	2.80		mg/Kg	☼	79	64 - 120
1,2,4,5-Tetrachlorobenzene	0.35	U	3.55	2.80		mg/Kg	☼	79	60 - 120
1,2-Diphenylhydrazine	0.35	U	3.55	3.01		mg/Kg	☼	85	62 - 118
1,4-Dioxane	0.035	U	3.55	2.01		mg/Kg	☼	57	31 - 105
2,2'-oxybis[1-chloropropane]	0.35	U	3.55	2.60		mg/Kg	☼	73	50 - 126
2,3,4,6-Tetrachlorophenol	0.35	U	3.55	3.03		mg/Kg	☼	85	62 - 120
2,4,5-Trichlorophenol	0.35	U	3.55	2.97		mg/Kg	☼	84	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.55	3.04		mg/Kg	☼	86	65 - 120
2,4-Dichlorophenol	0.14	U	3.55	2.87		mg/Kg	☼	81	66 - 120
2,4-Dimethylphenol	0.35	U	3.55	2.83		mg/Kg	☼	80	75 - 136
2,4-Dinitrophenol	0.28	U	7.09	3.50		mg/Kg	☼	49	41 - 120

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

Lab Sample ID: 460-327049-A-20-A MS
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	0.071	U	3.55	3.22		mg/Kg	☼	91	65 - 124
2,6-Dinitrotoluene	0.071	U	3.55	3.14		mg/Kg	☼	89	67 - 121
2-Chloronaphthalene	0.35	U	3.55	2.81		mg/Kg	☼	79	64 - 120
2-Chlorophenol	0.35	U	3.55	2.77		mg/Kg	☼	78	63 - 120
2-Methylnaphthalene	0.35	U	3.55	2.74		mg/Kg	☼	77	56 - 102
2-Methylphenol	0.35	U	3.55	2.81		mg/Kg	☼	79	63 - 120
2-Nitroaniline	0.35	U	3.55	3.00		mg/Kg	☼	85	52 - 120
2-Nitrophenol	0.35	U	3.55	2.65		mg/Kg	☼	75	64 - 120
3,3'-Dichlorobenzidine	0.14	U	3.55	3.05		mg/Kg	☼	86	10 - 106
3-Nitroaniline	0.35	U	3.55	2.73		mg/Kg	☼	77	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	7.09	4.23	*	mg/Kg	☼	60	61 - 127
4-Bromophenyl phenyl ether	0.35	U	3.55	3.09		mg/Kg	☼	87	64 - 120
4-Chloro-3-methylphenol	0.35	U	3.55	2.97		mg/Kg	☼	84	68 - 120
4-Chloroaniline	0.35	U	3.55	2.40		mg/Kg	☼	68	10 - 107
4-Chlorophenyl phenyl ether	0.35	U	3.55	2.92		mg/Kg	☼	82	62 - 120
4-Methylphenol	0.35	U	3.55	2.83		mg/Kg	☼	80	61 - 120
4-Nitroaniline	0.35	U	3.55	2.78		mg/Kg	☼	78	51 - 112
4-Nitrophenol	0.71	U	7.09	5.90		mg/Kg	☼	83	52 - 122
Acenaphthene	0.35	U	3.55	2.87		mg/Kg	☼	81	65 - 120
Acenaphthylene	0.35	U	3.55	2.90		mg/Kg	☼	82	68 - 120
Acetophenone	0.35	U	3.55	2.46		mg/Kg	☼	69	61 - 111
Anthracene	0.35	U	3.55	3.11		mg/Kg	☼	88	67 - 120
Atrazine	0.14	U *	1.42	2.11		mg/Kg	☼	149	52 - 150
Benzaldehyde	0.35	U	1.42	1.64	E	mg/Kg	☼	115	45 - 150
Benzidine	0.35	U	3.55	2.90		mg/Kg	☼	82	10 - 145
Benzo[a]anthracene	0.035	U	3.55	2.89		mg/Kg	☼	82	66 - 120
Benzo[a]pyrene	0.035	U	3.55	3.28		mg/Kg	☼	93	69 - 123
Benzo[b]fluoranthene	0.035	U	3.55	3.33		mg/Kg	☼	94	66 - 125
Benzo[g,h,i]perylene	0.35	U	3.55	3.04		mg/Kg	☼	86	66 - 138
Benzo[k]fluoranthene	0.035	U	3.55	3.05		mg/Kg	☼	86	67 - 122
Bis(2-chloroethoxy)methane	0.35	U	3.55	2.67		mg/Kg	☼	75	62 - 120
Bis(2-chloroethyl)ether	0.035	U	3.55	2.68		mg/Kg	☼	75	60 - 120
Bis(2-ethylhexyl) phthalate	0.35	U	3.55	2.96		mg/Kg	☼	84	64 - 125
Butyl benzyl phthalate	0.35	U	3.55	2.97		mg/Kg	☼	84	62 - 127
Caprolactam	0.35	U	1.42	1.88		mg/Kg	☼	133	46 - 150
Carbazole	0.35	U	3.55	3.13		mg/Kg	☼	88	64 - 120
Chrysene	0.35	U	3.55	2.82		mg/Kg	☼	79	67 - 120
Dibenz(a,h)anthracene	0.035	U	3.55	3.15		mg/Kg	☼	89	66 - 128
Dibenzofuran	0.35	U	3.55	2.93		mg/Kg	☼	83	61 - 120
Diethyl phthalate	0.35	U	3.55	2.96		mg/Kg	☼	83	63 - 120
Dimethyl phthalate	0.35	U	3.55	2.95		mg/Kg	☼	83	65 - 120
Di-n-butyl phthalate	0.35	U	3.55	3.22		mg/Kg	☼	91	61 - 120
Di-n-octyl phthalate	0.35	U	3.55	3.23		mg/Kg	☼	91	61 - 123
Fluoranthene	0.35	U	3.55	3.10		mg/Kg	☼	87	61 - 120
Fluorene	0.35	U	3.55	2.94		mg/Kg	☼	83	64 - 120
Hexachlorobenzene	0.035	U	3.55	3.07		mg/Kg	☼	87	66 - 120
Hexachlorobutadiene	0.071	U	3.55	2.63		mg/Kg	☼	74	62 - 120
Hexachlorocyclopentadiene	0.35	U	3.55	2.19		mg/Kg	☼	62	32 - 150
Hexachloroethane	0.035	U	3.55	2.62		mg/Kg	☼	74	61 - 112

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

Lab Sample ID: 460-327049-A-20-A MS
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	0.035	U	3.55	2.99		mg/Kg	☼	84	63 - 137
Isophorone	0.14	U	3.55	2.68		mg/Kg	☼	76	61 - 120
Naphthalene	0.35	U	3.55	2.67		mg/Kg	☼	75	63 - 113
Nitrobenzene	0.035	U	3.55	2.80		mg/Kg	☼	79	63 - 120
N-Nitrosodi-n-propylamine	0.035	U	3.55	2.86		mg/Kg	☼	81	60 - 120
N-Nitrosodiphenylamine	0.35	U	3.55	3.11		mg/Kg	☼	88	63 - 120
Pentachlorophenol	0.28	U	7.09	6.51		mg/Kg	☼	92	61 - 126
Phenanthrene	0.35	U	3.55	3.07		mg/Kg	☼	87	66 - 120
Phenol	0.35	U	3.55	2.72		mg/Kg	☼	77	63 - 120
Pyrene	0.35	U	3.55	2.84		mg/Kg	☼	80	61 - 121
Pyridine	0.35	U	7.09	4.46		mg/Kg	☼	63	21 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*69*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*69*		*28 - 118*
Terphenyl-d14 (Surr)	*69*		*33 - 124*

Lab Sample ID: 460-327049-A-20-B MSD
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.35	U	3.53	2.84		mg/Kg	☼	80	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	0.35	U	3.53	2.80		mg/Kg	☼	79	60 - 120	0	30
1,2-Diphenylhydrazine	0.35	U	3.53	2.99		mg/Kg	☼	85	62 - 118	1	30
1,4-Dioxane	0.035	U	3.53	2.41		mg/Kg	☼	68	31 - 105	18	30
2,2'-oxybis[1-chloropropane]	0.35	U	3.53	2.79		mg/Kg	☼	79	50 - 126	7	30
2,3,4,6-Tetrachlorophenol	0.35	U	3.53	2.99		mg/Kg	☼	85	62 - 120	1	30
2,4,5-Trichlorophenol	0.35	U	3.53	3.02		mg/Kg	☼	86	64 - 120	2	30
2,4,6-Trichlorophenol	0.14	U	3.53	2.97		mg/Kg	☼	84	65 - 120	2	30
2,4-Dichlorophenol	0.14	U	3.53	2.97		mg/Kg	☼	84	66 - 120	4	30
2,4-Dimethylphenol	0.35	U	3.53	2.84		mg/Kg	☼	81	75 - 136	0	30
2,4-Dinitrophenol	0.28	U	7.06	3.39		mg/Kg	☼	48	41 - 120	3	30
2,4-Dinitrotoluene	0.071	U	3.53	3.11		mg/Kg	☼	88	65 - 124	3	30
2,6-Dinitrotoluene	0.071	U	3.53	3.01		mg/Kg	☼	85	67 - 121	4	30
2-Chloronaphthalene	0.35	U	3.53	2.83		mg/Kg	☼	80	64 - 120	1	30
2-Chlorophenol	0.35	U	3.53	2.93		mg/Kg	☼	83	63 - 120	6	30
2-Methylnaphthalene	0.35	U	3.53	2.80		mg/Kg	☼	80	56 - 102	2	30
2-Methylphenol	0.35	U	3.53	2.94		mg/Kg	☼	83	63 - 120	5	30
2-Nitroaniline	0.35	U	3.53	2.97		mg/Kg	☼	84	52 - 120	1	30
2-Nitrophenol	0.35	U	3.53	2.78		mg/Kg	☼	79	64 - 120	5	30
3,3'-Dichlorobenzidine	0.14	U	3.53	3.20		mg/Kg	☼	91	10 - 106	5	30
3-Nitroaniline	0.35	U	3.53	2.67		mg/Kg	☼	76	18 - 105	2	30
4,6-Dinitro-2-methylphenol	0.28	U	7.06	4.30		mg/Kg	☼	61	61 - 127	2	30
4-Bromophenyl phenyl ether	0.35	U	3.53	3.09		mg/Kg	☼	88	64 - 120	0	30

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

Lab Sample ID: 460-327049-A-20-B MSD
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040354

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	0.35	U	3.53	2.92		mg/Kg	☼	83	68 - 120	2	30
4-Chloroaniline	0.35	U	3.53	2.38		mg/Kg	☼	67	10 - 107	1	30
4-Chlorophenyl phenyl ether	0.35	U	3.53	2.87		mg/Kg	☼	81	62 - 120	2	30
4-Methylphenol	0.35	U	3.53	2.98		mg/Kg	☼	85	61 - 120	5	30
4-Nitroaniline	0.35	U	3.53	2.71		mg/Kg	☼	77	51 - 112	2	30
4-Nitrophenol	0.71	U	7.06	5.85		mg/Kg	☼	83	52 - 122	1	30
Acenaphthene	0.35	U	3.53	2.87		mg/Kg	☼	81	65 - 120	0	30
Acenaphthylene	0.35	U	3.53	2.87		mg/Kg	☼	81	68 - 120	1	30
Acetophenone	0.35	U	3.53	2.57		mg/Kg	☼	73	61 - 111	5	30
Anthracene	0.35	U	3.53	3.08		mg/Kg	☼	87	67 - 120	1	30
Atrazine	0.14	U *	1.41	1.45	*	mg/Kg	☼	103	52 - 150	37	30
Benzaldehyde	0.35	U	1.41	1.25	E	mg/Kg	☼	89	45 - 150	27	30
Benzidine	0.35	U	3.53	3.13		mg/Kg	☼	89	10 - 145	8	30
Benzo[a]anthracene	0.035	U	3.53	2.88		mg/Kg	☼	82	66 - 120	0	30
Benzo[a]pyrene	0.035	U	3.53	3.28		mg/Kg	☼	93	69 - 123	0	30
Benzo[b]fluoranthene	0.035	U	3.53	3.14		mg/Kg	☼	89	66 - 125	6	30
Benzo[g,h,i]perylene	0.35	U	3.53	3.14		mg/Kg	☼	89	66 - 138	3	30
Benzo[k]fluoranthene	0.035	U	3.53	3.18		mg/Kg	☼	90	67 - 122	4	30
Bis(2-chloroethoxy)methane	0.35	U	3.53	2.75		mg/Kg	☼	78	62 - 120	3	30
Bis(2-chloroethyl)ether	0.035	U	3.53	2.86		mg/Kg	☼	81	60 - 120	7	30
Bis(2-ethylhexyl) phthalate	0.35	U	3.53	3.02		mg/Kg	☼	86	64 - 125	2	30
Butyl benzyl phthalate	0.35	U	3.53	3.03		mg/Kg	☼	86	62 - 127	2	30
Caprolactam	0.35	U	1.41	1.31	*	mg/Kg	☼	93	46 - 150	36	30
Carbazole	0.35	U	3.53	3.14		mg/Kg	☼	89	64 - 120	0	30
Chrysene	0.35	U	3.53	2.88		mg/Kg	☼	82	67 - 120	2	30
Dibenz(a,h)anthracene	0.035	U	3.53	3.15		mg/Kg	☼	89	66 - 128	0	30
Dibenzofuran	0.35	U	3.53	2.88		mg/Kg	☼	82	61 - 120	2	30
Diethyl phthalate	0.35	U	3.53	2.92		mg/Kg	☼	83	63 - 120	1	30
Dimethyl phthalate	0.35	U	3.53	2.89		mg/Kg	☼	82	65 - 120	2	30
Di-n-butyl phthalate	0.35	U	3.53	3.20		mg/Kg	☼	91	61 - 120	1	30
Di-n-octyl phthalate	0.35	U	3.53	3.22		mg/Kg	☼	91	61 - 123	0	30
Fluoranthene	0.35	U	3.53	3.06		mg/Kg	☼	87	61 - 120	1	30
Fluorene	0.35	U	3.53	2.88		mg/Kg	☼	82	64 - 120	2	30
Hexachlorobenzene	0.035	U	3.53	3.00		mg/Kg	☼	85	66 - 120	2	30
Hexachlorobutadiene	0.071	U	3.53	2.77		mg/Kg	☼	79	62 - 120	5	30
Hexachlorocyclopentadiene	0.35	U	3.53	2.16		mg/Kg	☼	61	32 - 150	1	30
Hexachloroethane	0.035	U	3.53	2.82		mg/Kg	☼	80	61 - 112	7	30
Indeno[1,2,3-cd]pyrene	0.035	U	3.53	2.94		mg/Kg	☼	83	63 - 137	1	30
Isophorone	0.14	U	3.53	2.75		mg/Kg	☼	78	61 - 120	2	30
Naphthalene	0.35	U	3.53	2.78		mg/Kg	☼	79	63 - 113	4	30
Nitrobenzene	0.035	U	3.53	2.88		mg/Kg	☼	82	63 - 120	3	30
N-Nitrosodi-n-propylamine	0.035	U	3.53	3.00		mg/Kg	☼	85	60 - 120	5	30
N-Nitrosodiphenylamine	0.35	U	3.53	3.09		mg/Kg	☼	87	63 - 120	1	30
Pentachlorophenol	0.28	U	7.06	6.45		mg/Kg	☼	91	61 - 126	1	30
Phenanthrene	0.35	U	3.53	3.05		mg/Kg	☼	87	66 - 120	1	30
Phenol	0.35	U	3.53	2.88		mg/Kg	☼	82	63 - 120	6	30
Pyrene	0.35	U	3.53	2.89		mg/Kg	☼	82	61 - 121	2	30
Pyridine	0.35	U	7.06	4.85		mg/Kg	☼	69	21 - 120	8	30

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

Lab Sample ID: 460-327049-A-20-B MSD
Matrix: Solid
Analysis Batch: 1040407

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040354

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*70*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*68*		*33 - 124*

Lab Sample ID: MB 460-1040640/1-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040640

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		05/30/25 21:49	05/31/25 09:43	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		05/30/25 21:49	05/31/25 09:43	1

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

Lab Sample ID: MB 460-1040640/1-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Phenol	0.33	U	0.33	0.012	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		05/30/25 21:49	05/31/25 09:43	1
Pyridine	0.33	U	0.33	0.047	mg/Kg		05/30/25 21:49	05/31/25 09:43	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*			*N/A*	*05/30/25 21:49*	*05/31/25 09:43*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 137*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
2-Fluorobiphenyl	*76*		*33 - 117*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
2-Fluorophenol (Surr)	*82*		*24 - 120*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
Phenol-d5 (Surr)	*77*		*28 - 118*	*05/30/25 21:49*	*05/31/25 09:43*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*05/30/25 21:49*	*05/31/25 09:43*	*1*

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

Lab Sample ID: LCS 460-1040640/2-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.87		mg/Kg		86	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.97		mg/Kg		89	60 - 120
1,2-Diphenylhydrazine	3.33	2.45		mg/Kg		73	62 - 118
1,4-Dioxane	3.33	2.08		mg/Kg		62	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.35		mg/Kg		71	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.01		mg/Kg		90	62 - 120
2,4,5-Trichlorophenol	3.33	2.97		mg/Kg		89	64 - 120
2,4,6-Trichlorophenol	3.33	2.98		mg/Kg		89	65 - 120
2,4-Dichlorophenol	3.33	2.96		mg/Kg		89	66 - 120
2,4-Dimethylphenol	3.33	2.81		mg/Kg		84	75 - 136
2,4-Dinitrophenol	6.67	5.69		mg/Kg		85	41 - 120
2,4-Dinitrotoluene	3.33	3.01		mg/Kg		90	65 - 124
2,6-Dinitrotoluene	3.33	2.93		mg/Kg		88	67 - 121
2-Chloronaphthalene	3.33	2.84		mg/Kg		85	64 - 120
2-Chlorophenol	3.33	2.90		mg/Kg		87	63 - 120
2-Methylnaphthalene	3.33	2.86		mg/Kg		86	56 - 102
2-Methylphenol	3.33	2.78		mg/Kg		83	63 - 120
2-Nitroaniline	3.33	2.42		mg/Kg		72	52 - 120
2-Nitrophenol	3.33	2.89		mg/Kg		87	64 - 120
3,3'-Dichlorobenzidine	3.33	2.07		mg/Kg		62	10 - 106
3-Nitroaniline	3.33	2.49		mg/Kg		75	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.61		mg/Kg		99	61 - 127
4-Bromophenyl phenyl ether	3.33	3.16		mg/Kg		95	64 - 120
4-Chloro-3-methylphenol	3.33	2.79		mg/Kg		84	68 - 120
4-Chloroaniline	3.33	2.32		mg/Kg		70	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.02		mg/Kg		91	62 - 120
4-Methylphenol	3.33	2.83		mg/Kg		85	61 - 120
4-Nitroaniline	3.33	2.70		mg/Kg		81	51 - 112
4-Nitrophenol	6.67	4.79		mg/Kg		72	52 - 122
Acenaphthene	3.33	2.76		mg/Kg		83	65 - 120
Acenaphthylene	3.33	2.79		mg/Kg		84	68 - 120
Acetophenone	3.33	2.49		mg/Kg		75	61 - 111
Anthracene	3.33	2.95		mg/Kg		89	67 - 120
Atrazine	1.33	1.79		mg/Kg		134	52 - 150
Benzaldehyde	1.33	1.37		mg/Kg		103	45 - 150
Benzidine	3.33	2.58		mg/Kg		77	10 - 145
Benzo[a]anthracene	3.33	2.75		mg/Kg		83	66 - 120
Benzo[a]pyrene	3.33	3.17		mg/Kg		95	69 - 123
Benzo[b]fluoranthene	3.33	3.03		mg/Kg		91	66 - 125
Benzo[g,h,i]perylene	3.33	3.18		mg/Kg		95	66 - 138
Benzo[k]fluoranthene	3.33	3.05		mg/Kg		91	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.66		mg/Kg		80	62 - 120
Bis(2-chloroethyl)ether	3.33	2.60		mg/Kg		78	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.74		mg/Kg		82	64 - 125
Butyl benzyl phthalate	3.33	2.70		mg/Kg		81	62 - 127
Caprolactam	1.33	1.46		mg/Kg		110	46 - 150
Carbazole	3.33	2.94		mg/Kg		88	64 - 120
Chrysene	3.33	2.75		mg/Kg		82	67 - 120

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

Lab Sample ID: LCS 460-1040640/2-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	3.33	3.17		mg/Kg		95	66 - 128
Dibenzofuran	3.33	2.87		mg/Kg		86	61 - 120
Diethyl phthalate	3.33	2.81		mg/Kg		84	63 - 120
Dimethyl phthalate	3.33	2.86		mg/Kg		86	65 - 120
Di-n-butyl phthalate	3.33	3.01		mg/Kg		90	61 - 120
Di-n-octyl phthalate	3.33	2.98		mg/Kg		89	61 - 123
Fluoranthene	3.33	3.02		mg/Kg		91	61 - 120
Fluorene	3.33	2.85		mg/Kg		86	64 - 120
Hexachlorobenzene	3.33	3.28		mg/Kg		98	66 - 120
Hexachlorobutadiene	3.33	3.03		mg/Kg		91	62 - 120
Hexachlorocyclopentadiene	3.33	2.64		mg/Kg		79	32 - 150
Hexachloroethane	3.33	2.76		mg/Kg		83	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.98		mg/Kg		89	63 - 137
Isophorone	3.33	2.54		mg/Kg		76	61 - 120
Naphthalene	3.33	2.76		mg/Kg		83	63 - 113
Nitrobenzene	3.33	2.82		mg/Kg		85	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.53		mg/Kg		76	60 - 120
N-Nitrosodiphenylamine	3.33	2.93		mg/Kg		88	63 - 120
Pentachlorophenol	6.67	6.36		mg/Kg		95	61 - 126
Phenanthrene	3.33	2.94		mg/Kg		88	66 - 120
Phenol	3.33	2.73		mg/Kg		82	63 - 120
Pyrene	3.33	2.73		mg/Kg		82	61 - 121
Pyridine	6.67	4.98		mg/Kg		75	21 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*18 - 137*
2-Fluorobiphenyl	*77*		*33 - 117*
2-Fluorophenol (Surr)	*78*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*73*		*28 - 118*
Terphenyl-d14 (Surr)	*75*		*33 - 124*

Lab Sample ID: LCSD 460-1040640/3-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.84		mg/Kg		85	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	3.33	2.96		mg/Kg		89	60 - 120	0	30
1,2-Diphenylhydrazine	3.33	2.46		mg/Kg		74	62 - 118	0	30
1,4-Dioxane	3.33	2.04		mg/Kg		61	31 - 105	2	30
2,2'-oxybis[1-chloropropane]	3.33	2.28		mg/Kg		68	50 - 126	3	30
2,3,4,6-Tetrachlorophenol	3.33	3.04		mg/Kg		91	62 - 120	1	30
2,4,5-Trichlorophenol	3.33	2.97		mg/Kg		89	64 - 120	0	30
2,4,6-Trichlorophenol	3.33	2.96		mg/Kg		89	65 - 120	1	30
2,4-Dichlorophenol	3.33	2.95		mg/Kg		89	66 - 120	0	30
2,4-Dimethylphenol	3.33	2.82		mg/Kg		84	75 - 136	0	30
2,4-Dinitrophenol	6.67	5.84		mg/Kg		88	41 - 120	3	30

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

Lab Sample ID: LCSD 460-1040640/3-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	3.33	3.04		mg/Kg		91	65 - 124	1	30
2,6-Dinitrotoluene	3.33	2.95		mg/Kg		89	67 - 121	1	30
2-Chloronaphthalene	3.33	2.84		mg/Kg		85	64 - 120	0	30
2-Chlorophenol	3.33	2.90		mg/Kg		87	63 - 120	0	30
2-Methylnaphthalene	3.33	2.84		mg/Kg		85	56 - 102	1	30
2-Methylphenol	3.33	2.72		mg/Kg		82	63 - 120	2	30
2-Nitroaniline	3.33	2.44		mg/Kg		73	52 - 120	1	30
2-Nitrophenol	3.33	2.91		mg/Kg		87	64 - 120	1	30
3,3'-Dichlorobenzidine	3.33	2.11		mg/Kg		63	10 - 106	2	30
3-Nitroaniline	3.33	2.54		mg/Kg		76	18 - 105	2	30
4,6-Dinitro-2-methylphenol	6.67	6.57		mg/Kg		99	61 - 127	1	30
4-Bromophenyl phenyl ether	3.33	3.15		mg/Kg		95	64 - 120	0	30
4-Chloro-3-methylphenol	3.33	2.85		mg/Kg		86	68 - 120	2	30
4-Chloroaniline	3.33	2.34		mg/Kg		70	10 - 107	1	30
4-Chlorophenyl phenyl ether	3.33	3.03		mg/Kg		91	62 - 120	0	30
4-Methylphenol	3.33	2.81		mg/Kg		84	61 - 120	1	30
4-Nitroaniline	3.33	2.77		mg/Kg		83	51 - 112	3	30
4-Nitrophenol	6.67	4.81		mg/Kg		72	52 - 122	0	30
Acenaphthene	3.33	2.75		mg/Kg		82	65 - 120	1	30
Acenaphthylene	3.33	2.78		mg/Kg		83	68 - 120	0	30
Acetophenone	3.33	2.42		mg/Kg		73	61 - 111	3	30
Anthracene	3.33	2.98		mg/Kg		90	67 - 120	1	30
Atrazine	1.33	1.78		mg/Kg		134	52 - 150	0	30
Benzaldehyde	1.33	1.33		mg/Kg		99	45 - 150	3	30
Benzidine	3.33	2.63		mg/Kg		79	10 - 145	2	30
Benzo[a]anthracene	3.33	2.76		mg/Kg		83	66 - 120	0	30
Benzo[a]pyrene	3.33	3.22		mg/Kg		97	69 - 123	1	30
Benzo[b]fluoranthene	3.33	3.00		mg/Kg		90	66 - 125	1	30
Benzo[g,h,i]perylene	3.33	3.23		mg/Kg		97	66 - 138	2	30
Benzo[k]fluoranthene	3.33	3.10		mg/Kg		93	67 - 122	2	30
Bis(2-chloroethoxy)methane	3.33	2.66		mg/Kg		80	62 - 120	0	30
Bis(2-chloroethyl)ether	3.33	2.55		mg/Kg		77	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	3.33	2.77		mg/Kg		83	64 - 125	1	30
Butyl benzyl phthalate	3.33	2.73		mg/Kg		82	62 - 127	1	30
Caprolactam	1.33	1.48		mg/Kg		111	46 - 150	1	30
Carbazole	3.33	2.97		mg/Kg		89	64 - 120	1	30
Chrysene	3.33	2.82		mg/Kg		85	67 - 120	3	30
Dibenz(a,h)anthracene	3.33	3.21		mg/Kg		96	66 - 128	1	30
Dibenzofuran	3.33	2.90		mg/Kg		87	61 - 120	1	30
Diethyl phthalate	3.33	2.85		mg/Kg		85	63 - 120	1	30
Dimethyl phthalate	3.33	2.88		mg/Kg		86	65 - 120	1	30
Di-n-butyl phthalate	3.33	3.01		mg/Kg		90	61 - 120	0	30
Di-n-octyl phthalate	3.33	2.97		mg/Kg		89	61 - 123	0	30
Fluoranthene	3.33	3.05		mg/Kg		91	61 - 120	1	30
Fluorene	3.33	2.84		mg/Kg		85	64 - 120	0	30
Hexachlorobenzene	3.33	3.30		mg/Kg		99	66 - 120	0	30
Hexachlorobutadiene	3.33	3.00		mg/Kg		90	62 - 120	1	30
Hexachlorocyclopentadiene	3.33	2.66		mg/Kg		80	32 - 150	1	30
Hexachloroethane	3.33	2.66		mg/Kg		80	61 - 112	4	30

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

Lab Sample ID: LCSD 460-1040640/3-A
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040640

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene			3.33	3.26		mg/Kg		98	63 - 137	9	30
Isophorone			3.33	2.54		mg/Kg		76	61 - 120	0	30
Naphthalene			3.33	2.77		mg/Kg		83	63 - 113	1	30
Nitrobenzene			3.33	2.79		mg/Kg		84	63 - 120	1	30
N-Nitrosodi-n-propylamine			3.33	2.49		mg/Kg		75	60 - 120	2	30
N-Nitrosodiphenylamine			3.33	2.97		mg/Kg		89	63 - 120	1	30
Pentachlorophenol			6.67	6.39		mg/Kg		96	61 - 126	0	30
Phenanthrene			3.33	2.94		mg/Kg		88	66 - 120	0	30
Phenol			3.33	2.69		mg/Kg		81	63 - 120	1	30
Pyrene			3.33	2.74		mg/Kg		82	61 - 121	0	30
Pyridine			6.67	4.79		mg/Kg		72	21 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 137*
2-Fluorobiphenyl	*77*		*33 - 117*
2-Fluorophenol (Surr)	*76*		*24 - 120*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*
Phenol-d5 (Surr)	*72*		*28 - 118*
Terphenyl-d14 (Surr)	*74*		*33 - 124*

Lab Sample ID: 460-327185-A-4-G MS
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.34	U	3.38	2.67		mg/Kg	☼	79	64 - 120
1,2,4,5-Tetrachlorobenzene	0.34	U	3.38	2.79		mg/Kg	☼	83	60 - 120
1,2-Diphenylhydrazine			3.38	2.28		mg/Kg	☼		
1,4-Dioxane	0.034	U	3.38	1.69		mg/Kg	☼	50	31 - 105
2,2'-oxybis[1-chloropropane]	0.34	U	3.38	2.08		mg/Kg	☼	62	50 - 126
2,3,4,6-Tetrachlorophenol	0.34	U	3.38	2.91		mg/Kg	☼	86	62 - 120
2,4,5-Trichlorophenol	0.34	U	3.38	2.76		mg/Kg	☼	82	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.38	2.81		mg/Kg	☼	83	65 - 120
2,4-Dichlorophenol	0.14	U	3.38	2.79		mg/Kg	☼	83	66 - 120
2,4-Dimethylphenol	0.34	U	3.38	2.61		mg/Kg	☼	77	75 - 136
2,4-Dinitrophenol	0.27	U	6.76	4.65		mg/Kg	☼	69	41 - 120
2,4-Dinitrotoluene	0.069	U	3.38	2.88		mg/Kg	☼	85	65 - 124
2,6-Dinitrotoluene	0.069	U	3.38	2.82		mg/Kg	☼	83	67 - 121
2-Chloronaphthalene	0.34	U	3.38	2.64		mg/Kg	☼	78	64 - 120
2-Chlorophenol	0.34	U	3.38	2.68		mg/Kg	☼	79	63 - 120
2-Methylnaphthalene	0.34	U	3.38	2.65		mg/Kg	☼	78	56 - 102
2-Methylphenol	0.34	U	3.38	2.55		mg/Kg	☼	75	63 - 120
2-Nitroaniline	0.34	U	3.38	2.18		mg/Kg	☼	64	52 - 120
2-Nitrophenol	0.34	U	3.38	2.56		mg/Kg	☼	76	64 - 120
3,3'-Dichlorobenzidine	0.14	U	3.38	1.86		mg/Kg	☼	55	10 - 106
3-Nitroaniline	0.34	U	3.38	2.24		mg/Kg	☼	66	18 - 105
4,6-Dinitro-2-methylphenol	0.27	U	6.76	5.81		mg/Kg	☼	86	61 - 127
4-Bromophenyl phenyl ether	0.34	U	3.38	2.99		mg/Kg	☼	88	64 - 120

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

Lab Sample ID: 460-327185-A-4-G MS
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	0.34	U	3.38	2.64		mg/Kg	☼	78	68 - 120
4-Chloroaniline	0.34	U	3.38	1.95		mg/Kg	☼	58	10 - 107
4-Chlorophenyl phenyl ether	0.34	U	3.38	2.88		mg/Kg	☼	85	62 - 120
4-Methylphenol	0.34	U	3.38	2.58		mg/Kg	☼	76	61 - 120
4-Nitroaniline	0.34	U	3.38	2.53		mg/Kg	☼	75	51 - 112
4-Nitrophenol	0.69	U	6.76	4.38		mg/Kg	☼	65	52 - 122
Acenaphthene	0.34	U	3.38	2.62		mg/Kg	☼	77	65 - 120
Acenaphthylene	0.34	U	3.38	2.61		mg/Kg	☼	77	68 - 120
Acetophenone	0.34	U	3.38	2.23		mg/Kg	☼	66	61 - 111
Anthracene	0.34	U	3.38	2.78		mg/Kg	☼	82	67 - 120
Atrazine	0.14	U	1.35	2.04	*	mg/Kg	☼	151	52 - 150
Benzaldehyde	0.34	U	1.35	1.41	E	mg/Kg	☼	104	45 - 150
Benzidine			3.38	2.04		mg/Kg	☼		
Benzo[a]anthracene	0.034	U	3.38	2.66		mg/Kg	☼	79	66 - 120
Benzo[a]pyrene	0.034	U	3.38	3.02		mg/Kg	☼	89	69 - 123
Benzo[b]fluoranthene	0.034	U	3.38	2.98		mg/Kg	☼	88	66 - 125
Benzo[g,h,i]perylene	0.34	U	3.38	2.98		mg/Kg	☼	88	66 - 138
Benzo[k]fluoranthene	0.034	U	3.38	2.95		mg/Kg	☼	87	67 - 122
Bis(2-chloroethoxy)methane	0.34	U	3.38	2.41		mg/Kg	☼	71	62 - 120
Bis(2-chloroethyl)ether	0.034	U	3.38	2.36		mg/Kg	☼	70	60 - 120
Bis(2-ethylhexyl) phthalate	0.34	U	3.38	2.69		mg/Kg	☼	80	64 - 125
Butyl benzyl phthalate	0.34	U	3.38	2.60		mg/Kg	☼	77	62 - 127
Caprolactam	0.34	U	1.35	1.64		mg/Kg	☼	121	46 - 150
Carbazole	0.34	U	3.38	2.80		mg/Kg	☼	83	64 - 120
Chrysene	0.34	U	3.38	2.66		mg/Kg	☼	79	67 - 120
Dibenz(a,h)anthracene	0.034	U	3.38	3.01		mg/Kg	☼	89	66 - 128
Dibenzofuran	0.34	U	3.38	2.75		mg/Kg	☼	81	61 - 120
Diethyl phthalate	0.34	U	3.38	2.71		mg/Kg	☼	80	63 - 120
Dimethyl phthalate	0.34	U	3.38	2.78		mg/Kg	☼	82	65 - 120
Di-n-butyl phthalate	0.34	U	3.38	2.84		mg/Kg	☼	84	61 - 120
Di-n-octyl phthalate	0.34	U	3.38	2.94		mg/Kg	☼	87	61 - 123
Fluoranthene	0.34	U	3.38	2.86		mg/Kg	☼	84	61 - 120
Fluorene	0.34	U	3.38	2.72		mg/Kg	☼	80	64 - 120
Hexachlorobenzene	0.034	U	3.38	3.09		mg/Kg	☼	91	66 - 120
Hexachlorobutadiene	0.069	U	3.38	2.70		mg/Kg	☼	80	62 - 120
Hexachlorocyclopentadiene	0.34	U	3.38	2.15		mg/Kg	☼	63	32 - 150
Hexachloroethane	0.034	U	3.38	2.40		mg/Kg	☼	71	61 - 112
Indeno[1,2,3-cd]pyrene	0.034	U	3.38	3.10		mg/Kg	☼	92	63 - 137
Isophorone	0.14	U	3.38	2.32		mg/Kg	☼	69	61 - 120
Naphthalene	0.34	U	3.38	2.52		mg/Kg	☼	75	63 - 113
Nitrobenzene	0.034	U	3.38	2.53		mg/Kg	☼	75	63 - 120
N-Nitrosodi-n-propylamine	0.034	U	3.38	2.30		mg/Kg	☼	68	60 - 120
N-Nitrosodiphenylamine	0.34	U	3.38	2.76		mg/Kg	☼	82	63 - 120
Pentachlorophenol	0.27	U	6.76	5.73		mg/Kg	☼	85	61 - 126
Phenanthrene	0.34	U	3.38	2.74		mg/Kg	☼	81	66 - 120
Phenol	0.34	U	3.38	2.48		mg/Kg	☼	73	63 - 120
Pyrene	0.34	U	3.38	2.66		mg/Kg	☼	79	61 - 121
Pyridine			6.76	4.05		mg/Kg	☼		

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

Lab Sample ID: 460-327185-A-4-G MS
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040640

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*68*		*24 - 120*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*
Phenol-d5 (Surr)	*66*		*28 - 118*
Terphenyl-d14 (Surr)	*72*		*33 - 124*

Lab Sample ID: 460-327185-A-4-H MSD
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.34	U	3.38	2.65		mg/Kg	☼	78	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	0.34	U	3.38	2.75		mg/Kg	☼	81	60 - 120	1	30
1,2-Diphenylhydrazine			3.38	2.25		mg/Kg	☼				
1,4-Dioxane	0.034	U	3.38	1.68		mg/Kg	☼	50	31 - 105	0	30
2,2'-oxybis[1-chloropropane]	0.34	U	3.38	2.07		mg/Kg	☼	61	50 - 126	1	30
2,3,4,6-Tetrachlorophenol	0.34	U	3.38	2.73		mg/Kg	☼	81	62 - 120	6	30
2,4,5-Trichlorophenol	0.34	U	3.38	2.78		mg/Kg	☼	82	64 - 120	0	30
2,4,6-Trichlorophenol	0.14	U	3.38	2.69		mg/Kg	☼	80	65 - 120	4	30
2,4-Dichlorophenol	0.14	U	3.38	2.75		mg/Kg	☼	81	66 - 120	2	30
2,4-Dimethylphenol	0.34	U	3.38	2.58		mg/Kg	☼	76	75 - 136	1	30
2,4-Dinitrophenol	0.27	U	6.76	4.87		mg/Kg	☼	72	41 - 120	5	30
2,4-Dinitrotoluene	0.069	U	3.38	2.80		mg/Kg	☼	83	65 - 124	3	30
2,6-Dinitrotoluene	0.069	U	3.38	2.79		mg/Kg	☼	83	67 - 121	1	30
2-Chloronaphthalene	0.34	U	3.38	2.61		mg/Kg	☼	77	64 - 120	1	30
2-Chlorophenol	0.34	U	3.38	2.65		mg/Kg	☼	78	63 - 120	1	30
2-Methylnaphthalene	0.34	U	3.38	2.56		mg/Kg	☼	76	56 - 102	4	30
2-Methylphenol	0.34	U	3.38	2.53		mg/Kg	☼	75	63 - 120	1	30
2-Nitroaniline	0.34	U	3.38	2.19		mg/Kg	☼	65	52 - 120	0	30
2-Nitrophenol	0.34	U	3.38	2.56		mg/Kg	☼	76	64 - 120	0	30
3,3'-Dichlorobenzidine	0.14	U	3.38	1.78		mg/Kg	☼	53	10 - 106	5	30
3-Nitroaniline	0.34	U	3.38	2.21		mg/Kg	☼	65	18 - 105	1	30
4,6-Dinitro-2-methylphenol	0.27	U	6.76	5.70		mg/Kg	☼	84	61 - 127	2	30
4-Bromophenyl phenyl ether	0.34	U	3.38	3.01		mg/Kg	☼	89	64 - 120	1	30
4-Chloro-3-methylphenol	0.34	U	3.38	2.55		mg/Kg	☼	75	68 - 120	3	30
4-Chloroaniline	0.34	U	3.38	1.85		mg/Kg	☼	55	10 - 107	5	30
4-Chlorophenyl phenyl ether	0.34	U	3.38	2.76		mg/Kg	☼	82	62 - 120	4	30
4-Methylphenol	0.34	U	3.38	2.59		mg/Kg	☼	77	61 - 120	0	30
4-Nitroaniline	0.34	U	3.38	2.46		mg/Kg	☼	73	51 - 112	3	30
4-Nitrophenol	0.69	U	6.76	4.37		mg/Kg	☼	65	52 - 122	0	30
Acenaphthene	0.34	U	3.38	2.56		mg/Kg	☼	76	65 - 120	2	30
Acenaphthylene	0.34	U	3.38	2.55		mg/Kg	☼	76	68 - 120	2	30
Acetophenone	0.34	U	3.38	2.26		mg/Kg	☼	67	61 - 111	2	30
Anthracene	0.34	U	3.38	2.73		mg/Kg	☼	81	67 - 120	2	30
Atrazine	0.14	U	1.35	1.98		mg/Kg	☼	147	52 - 150	3	30
Benzaldehyde	0.34	U	1.35	1.43	E	mg/Kg	☼	105	45 - 150	1	30
Benzidine			3.38	2.14		mg/Kg	☼				

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

Lab Sample ID: 460-327185-A-4-H MSD
Matrix: Solid
Analysis Batch: 1040715

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040640

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	0.034	U	3.38	2.63		mg/Kg	☼	78	66 - 120	1	30
Benzo[a]pyrene	0.034	U	3.38	2.97		mg/Kg	☼	88	69 - 123	2	30
Benzo[b]fluoranthene	0.034	U	3.38	2.78		mg/Kg	☼	82	66 - 125	7	30
Benzo[g,h,i]perylene	0.34	U	3.38	2.94		mg/Kg	☼	87	66 - 138	1	30
Benzo[k]fluoranthene	0.034	U	3.38	3.04		mg/Kg	☼	90	67 - 122	3	30
Bis(2-chloroethoxy)methane	0.34	U	3.38	2.40		mg/Kg	☼	71	62 - 120	1	30
Bis(2-chloroethyl)ether	0.034	U	3.38	2.36		mg/Kg	☼	70	60 - 120	0	30
Bis(2-ethylhexyl) phthalate	0.34	U	3.38	2.64		mg/Kg	☼	78	64 - 125	2	30
Butyl benzyl phthalate	0.34	U	3.38	2.59		mg/Kg	☼	77	62 - 127	0	30
Caprolactam	0.34	U	1.35	1.61		mg/Kg	☼	119	46 - 150	2	30
Carbazole	0.34	U	3.38	2.69		mg/Kg	☼	80	64 - 120	4	30
Chrysene	0.34	U	3.38	2.64		mg/Kg	☼	78	67 - 120	1	30
Dibenz(a,h)anthracene	0.034	U	3.38	2.98		mg/Kg	☼	88	66 - 128	1	30
Dibenzofuran	0.34	U	3.38	2.63		mg/Kg	☼	78	61 - 120	5	30
Diethyl phthalate	0.34	U	3.38	2.63		mg/Kg	☼	78	63 - 120	3	30
Dimethyl phthalate	0.34	U	3.38	2.65		mg/Kg	☼	78	65 - 120	5	30
Di-n-butyl phthalate	0.34	U	3.38	2.80		mg/Kg	☼	83	61 - 120	2	30
Di-n-octyl phthalate	0.34	U	3.38	2.87		mg/Kg	☼	85	61 - 123	2	30
Fluoranthene	0.34	U	3.38	2.81		mg/Kg	☼	83	61 - 120	2	30
Fluorene	0.34	U	3.38	2.63		mg/Kg	☼	78	64 - 120	3	30
Hexachlorobenzene	0.034	U	3.38	3.08		mg/Kg	☼	91	66 - 120	0	30
Hexachlorobutadiene	0.069	U	3.38	2.70		mg/Kg	☼	80	62 - 120	0	30
Hexachlorocyclopentadiene	0.34	U	3.38	2.20		mg/Kg	☼	65	32 - 150	3	30
Hexachloroethane	0.034	U	3.38	2.40		mg/Kg	☼	71	61 - 112	0	30
Indeno[1,2,3-cd]pyrene	0.034	U	3.38	3.07		mg/Kg	☼	91	63 - 137	1	30
Isophorone	0.14	U	3.38	2.28		mg/Kg	☼	68	61 - 120	1	30
Naphthalene	0.34	U	3.38	2.51		mg/Kg	☼	74	63 - 113	1	30
Nitrobenzene	0.034	U	3.38	2.57		mg/Kg	☼	76	63 - 120	2	30
N-Nitrosodi-n-propylamine	0.034	U	3.38	2.28		mg/Kg	☼	67	60 - 120	1	30
N-Nitrosodiphenylamine	0.34	U	3.38	2.74		mg/Kg	☼	81	63 - 120	1	30
Pentachlorophenol	0.27	U	6.76	5.74		mg/Kg	☼	85	61 - 126	0	30
Phenanthrene	0.34	U	3.38	2.73		mg/Kg	☼	81	66 - 120	0	30
Phenol	0.34	U	3.38	2.47		mg/Kg	☼	73	63 - 120	0	30
Pyrene	0.34	U	3.38	2.61		mg/Kg	☼	77	61 - 121	2	30
Pyridine			6.76	4.12		mg/Kg	☼				

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*18 - 137*
2-Fluorobiphenyl	*69*		*33 - 117*
2-Fluorophenol (Surr)	*70*		*24 - 120*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*
Phenol-d5 (Surr)	*65*		*28 - 118*
Terphenyl-d14 (Surr)	*71*		*33 - 124*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 460-1040043/4
Matrix: Solid
Analysis Batch: 1040043

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			05/28/25 11:57	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*75 - 150*		*05/28/25 11:57*	*50*

Lab Sample ID: LCS 460-1040043/2
Matrix: Solid
Analysis Batch: 1040043

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	17.9		mg/Kg		90	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*88*		*75 - 150*

Lab Sample ID: LCSD 460-1040043/3
Matrix: Solid
Analysis Batch: 1040043

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
GRO			20.0	19.5		mg/Kg		97	80 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*104*		*75 - 150*

Lab Sample ID: MB 460-1040218/4
Matrix: Solid
Analysis Batch: 1040218

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			05/29/25 04:52	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*117*		*75 - 150*		*05/29/25 04:52*	*50*

Lab Sample ID: LCS 460-1040218/2
Matrix: Solid
Analysis Batch: 1040218

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	18.3		mg/Kg		92	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*92*		*75 - 150*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCSD 460-1040218/3
Matrix: Solid
Analysis Batch: 1040218

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
GRO			20.0	20.3		mg/Kg		101	80 - 120	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*101*		*75 - 150*

Lab Sample ID: MB 460-1040357/5
Matrix: Solid
Analysis Batch: 1040357

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			05/30/25 00:20	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*112*		*75 - 150*		*05/30/25 00:20*	*50*

Lab Sample ID: LCS 460-1040357/2
Matrix: Solid
Analysis Batch: 1040357

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	20.3		mg/Kg		101	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*91*		*75 - 150*

Lab Sample ID: LCSD 460-1040357/3
Matrix: Solid
Analysis Batch: 1040357

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
GRO			20.0	21.8		mg/Kg		109	80 - 120	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*107*		*75 - 150*

Lab Sample ID: MB 460-1040505/5
Matrix: Solid
Analysis Batch: 1040505

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			05/31/25 00:28	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*118*		*75 - 150*		*05/31/25 00:28*	*50*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 460-1040505/2
Matrix: Solid
Analysis Batch: 1040505

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	20.5		mg/Kg		102	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*90*		*75 - 150*

Lab Sample ID: LCSD 460-1040505/3
Matrix: Solid
Analysis Batch: 1040505

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
GRO			20.0	22.4		mg/Kg		112	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*117*		*75 - 150*

Lab Sample ID: MB 460-1040959/5
Matrix: Solid
Analysis Batch: 1040959

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	2.5	U	2.5	2.5	mg/Kg			06/02/25 13:46	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*112*		*75 - 150*		*06/02/25 13:46*	*50*

Lab Sample ID: LCS 460-1040959/2
Matrix: Solid
Analysis Batch: 1040959

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
GRO			20.0	18.4		mg/Kg		92	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*86*		*75 - 150*

Lab Sample ID: LCSD 460-1040959/3
Matrix: Solid
Analysis Batch: 1040959

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
GRO			20.0	22.4		mg/Kg		112	80 - 120	20	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*111*		*75 - 150*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 460-1040060/1-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	8.7	U	8.7	0.55	mg/Kg		05/28/25 18:27	05/30/25 10:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*10 - 150*	*05/28/25 18:27*	*05/30/25 10:34*	*1*

Lab Sample ID: LCS 460-1040060/2-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040060

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*73*		*10 - 150*

Lab Sample ID: LCSD 460-1040060/3-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040060

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*77*		*10 - 150*

Lab Sample ID: 460-326806-6 MS
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: B4-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1040060

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*85*		*10 - 150*

Lab Sample ID: 460-326806-6 MSD
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: B4-1B_3-5_20250522
Prep Type: Total/NA
Prep Batch: 1040060

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*74*		*10 - 150*

Lab Sample ID: MB 460-1040454/1-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C44	8.7	U	8.7	0.55	mg/Kg		05/30/25 08:36	05/30/25 16:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*75*		*10 - 150*	*05/30/25 08:36*	*05/30/25 16:34*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 460-1040454/2-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040454

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	85		10 - 150

Lab Sample ID: LCSD 460-1040454/3-A
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040454

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	86		10 - 150

Lab Sample ID: 460-326691-13 MS
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: A2-3_8-10_20250520
Prep Type: Total/NA
Prep Batch: 1040454

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	76		10 - 150

Lab Sample ID: 460-326691-13 MSD
Matrix: Solid
Analysis Batch: 1040467

Client Sample ID: A2-3_8-10_20250520
Prep Type: Total/NA
Prep Batch: 1040454

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	70		10 - 150

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1039986/1-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/28/25 10:52	05/29/25 04:09	1

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

Lab Sample ID: MB 460-1039986/1-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/28/25 10:52	05/29/25 04:09	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/28/25 10:52	05/29/25 04:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*17 - 150*	*05/28/25 10:52*	*05/29/25 04:09*	*1*
DCB Decachlorobiphenyl	*102*		*17 - 150*	*05/28/25 10:52*	*05/29/25 04:09*	*1*
Tetrachloro-m-xylene	*95*		*21 - 150*	*05/28/25 10:52*	*05/29/25 04:09*	*1*
Tetrachloro-m-xylene	*100*		*21 - 150*	*05/28/25 10:52*	*05/29/25 04:09*	*1*

Lab Sample ID: LCS 460-1039986/2-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039986

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.127		mg/Kg		96	70 - 138		
4,4'-DDD			0.133	0.130		mg/Kg		97	70 - 138		
4,4'-DDE			0.133	0.125		mg/Kg		94	68 - 136		
4,4'-DDE			0.133	0.136		mg/Kg		102	68 - 136		
4,4'-DDT			0.133	0.151		mg/Kg		113	66 - 149		
4,4'-DDT			0.133	0.141		mg/Kg		105	66 - 149		
Aldrin			0.133	0.120		mg/Kg		90	69 - 136		
Aldrin			0.133	0.133		mg/Kg		99	69 - 136		
alpha-BHC			0.133	0.126		mg/Kg		94	72 - 134		
alpha-BHC			0.133	0.140		mg/Kg		105	72 - 134		

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

Lab Sample ID: LCS 460-1039986/2-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039986

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
beta-BHC			0.133	0.117		mg/Kg		88	71 - 130		
beta-BHC			0.133	0.130		mg/Kg		98	71 - 130		
cis-Chlordane			0.133	0.124		mg/Kg		93	69 - 135		
cis-Chlordane			0.133	0.135		mg/Kg		101	69 - 135		
delta-BHC			0.133	0.130		mg/Kg		98	69 - 140		
delta-BHC			0.133	0.139		mg/Kg		105	69 - 140		
Dieldrin			0.133	0.121		mg/Kg		90	69 - 134		
Dieldrin			0.133	0.133		mg/Kg		100	69 - 134		
Endosulfan I			0.133	0.122		mg/Kg		92	69 - 133		
Endosulfan I			0.133	0.136		mg/Kg		102	69 - 133		
Endosulfan II			0.133	0.127		mg/Kg		95	71 - 137		
Endosulfan II			0.133	0.135		mg/Kg		101	71 - 137		
Endosulfan sulfate			0.133	0.132		mg/Kg		99	61 - 140		
Endosulfan sulfate			0.133	0.133		mg/Kg		100	61 - 140		
Endrin			0.133	0.129		mg/Kg		97	67 - 141		
Endrin			0.133	0.148		mg/Kg		111	67 - 141		
Endrin aldehyde			0.133	0.121		mg/Kg		91	71 - 136		
Endrin aldehyde			0.133	0.121		mg/Kg		90	71 - 136		
Endrin ketone			0.133	0.133		mg/Kg		99	60 - 146		
Endrin ketone			0.133	0.135		mg/Kg		101	60 - 146		
gamma-BHC (Lindane)			0.133	0.128		mg/Kg		96	72 - 139		
gamma-BHC (Lindane)			0.133	0.135		mg/Kg		101	72 - 139		
Heptachlor			0.133	0.135		mg/Kg		102	74 - 138		
Heptachlor			0.133	0.142		mg/Kg		106	74 - 138		
Heptachlor epoxide			0.133	0.123		mg/Kg		92	72 - 134		
Heptachlor epoxide			0.133	0.132		mg/Kg		99	72 - 134		
Methoxychlor			0.133	0.173		mg/Kg		130	60 - 150		
Methoxychlor			0.133	0.137		mg/Kg		102	60 - 150		
trans-Chlordane			0.133	0.124		mg/Kg		93	69 - 136		
trans-Chlordane			0.133	0.132		mg/Kg		99	69 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*83*		*17 - 150*
DCB Decachlorobiphenyl	*78*		*17 - 150*
Tetrachloro-m-xylene	*73*		*21 - 150*
Tetrachloro-m-xylene	*79*		*21 - 150*

Lab Sample ID: LCSD 460-1039986/3-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039986

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.138		mg/Kg		103	70 - 138	8	30
4,4'-DDD			0.133	0.155		mg/Kg		116	70 - 138	18	30
4,4'-DDE			0.133	0.136		mg/Kg		102	68 - 136	9	30
4,4'-DDE			0.133	0.161		mg/Kg		120	68 - 136	16	30
4,4'-DDT			0.133	0.163		mg/Kg		122	66 - 149	7	30
4,4'-DDT			0.133	0.166		mg/Kg		125	66 - 149	17	30

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

Lab Sample ID: LCSD 460-1039986/3-A
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039986

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin			0.133	0.130		mg/Kg		97	69 - 136	8	30
Aldrin			0.133	0.157		mg/Kg		118	69 - 136	17	30
alpha-BHC			0.133	0.137		mg/Kg		103	72 - 134	8	30
alpha-BHC			0.133	0.169		mg/Kg		127	72 - 134	19	30
beta-BHC			0.133	0.126		mg/Kg		94	71 - 130	7	30
beta-BHC			0.133	0.154		mg/Kg		116	71 - 130	17	30
cis-Chlordane			0.133	0.134		mg/Kg		101	69 - 135	8	30
cis-Chlordane			0.133	0.159		mg/Kg		119	69 - 135	16	30
delta-BHC			0.133	0.139		mg/Kg		104	69 - 140	7	30
delta-BHC			0.133	0.163		mg/Kg		122	69 - 140	15	30
Dieldrin			0.133	0.131		mg/Kg		98	69 - 134	8	30
Dieldrin			0.133	0.157		mg/Kg		118	69 - 134	17	30
Endosulfan I			0.133	0.124		mg/Kg		93	69 - 133	1	30
Endosulfan I			0.133	0.159		mg/Kg		120	69 - 133	16	30
Endosulfan II			0.133	0.138		mg/Kg		103	71 - 137	8	30
Endosulfan II			0.133	0.161		mg/Kg		120	71 - 137	17	30
Endosulfan sulfate			0.133	0.141		mg/Kg		106	61 - 140	7	30
Endosulfan sulfate			0.133	0.153		mg/Kg		115	61 - 140	14	30
Endrin			0.133	0.137		mg/Kg		102	67 - 141	6	30
Endrin			0.133	0.177		mg/Kg		132	67 - 141	18	30
Endrin aldehyde			0.133	0.129		mg/Kg		97	71 - 136	7	30
Endrin aldehyde			0.133	0.143		mg/Kg		107	71 - 136	17	30
Endrin ketone			0.133	0.138		mg/Kg		104	60 - 146	4	30
Endrin ketone			0.133	0.159		mg/Kg		119	60 - 146	17	30
gamma-BHC (Lindane)			0.133	0.139		mg/Kg		104	72 - 139	8	30
gamma-BHC (Lindane)			0.133	0.162		mg/Kg		122	72 - 139	18	30
Heptachlor			0.133	0.147		mg/Kg		110	74 - 138	8	30
Heptachlor			0.133	0.169		mg/Kg		127	74 - 138	17	30
Heptachlor epoxide			0.133	0.133		mg/Kg		100	72 - 134	8	30
Heptachlor epoxide			0.133	0.156		mg/Kg		117	72 - 134	16	30
Methoxychlor			0.133	0.186		mg/Kg		139	60 - 150	7	30
Methoxychlor			0.133	0.162		mg/Kg		122	60 - 150	17	30
trans-Chlordane			0.133	0.134		mg/Kg		101	69 - 136	8	30
trans-Chlordane			0.133	0.157		mg/Kg		118	69 - 136	17	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*17 - 150*
DCB Decachlorobiphenyl	*96*		*17 - 150*
Tetrachloro-m-xylene	*70*		*21 - 150*
Tetrachloro-m-xylene	*91*		*21 - 150*

Lab Sample ID: 460-326907-E-1-H MS
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0072	U	0.144	0.130		mg/Kg	☼	90	70 - 138
4,4'-DDD	0.0072	U	0.144	0.129		mg/Kg	☼	89	70 - 138

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

Lab Sample ID: 460-326907-E-1-H MS
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	0.0072	U	0.144	0.124		mg/Kg	☼	86	68 - 136
4,4'-DDE	0.0072	U	0.144	0.129		mg/Kg	☼	89	68 - 136
4,4'-DDT	0.0072	U	0.144	0.151		mg/Kg	☼	105	66 - 149
4,4'-DDT	0.0072	U	0.144	0.138		mg/Kg	☼	96	66 - 149
Aldrin	0.0072	U	0.144	0.115		mg/Kg	☼	80	69 - 136
Aldrin	0.0072	U	0.144	0.124		mg/Kg	☼	86	69 - 136
alpha-BHC	0.0022	U	0.144	0.118		mg/Kg	☼	82	72 - 134
alpha-BHC	0.0022	U	0.144	0.130		mg/Kg	☼	90	72 - 134
beta-BHC	0.0022	U	0.144	0.111		mg/Kg	☼	77	71 - 130
beta-BHC	0.0022	U	0.144	0.129		mg/Kg	☼	89	71 - 130
cis-Chlordane	0.0072	U	0.144	0.120		mg/Kg	☼	83	69 - 135
cis-Chlordane	0.0072	U	0.144	0.132		mg/Kg	☼	92	69 - 135
delta-BHC	0.0022	U	0.144	0.123		mg/Kg	☼	86	69 - 140
delta-BHC	0.0022	U	0.144	0.132		mg/Kg	☼	91	69 - 140
Dieldrin	0.0022	U	0.144	0.123		mg/Kg	☼	85	69 - 134
Dieldrin	0.0022	U	0.144	0.130		mg/Kg	☼	90	69 - 134
Endosulfan I	0.0072	U	0.144	0.121		mg/Kg	☼	84	69 - 133
Endosulfan I	0.0072	U	0.144	0.130		mg/Kg	☼	90	69 - 133
Endosulfan II	0.0072	U	0.144	0.130		mg/Kg	☼	90	71 - 137
Endosulfan II	0.0072	U	0.144	0.134		mg/Kg	☼	93	71 - 137
Endosulfan sulfate	0.0072	U	0.144	0.133		mg/Kg	☼	92	61 - 140
Endosulfan sulfate	0.0072	U	0.144	0.130		mg/Kg	☼	90	61 - 140
Endrin	0.0072	U	0.144	0.132		mg/Kg	☼	91	67 - 141
Endrin	0.0072	U	0.144	0.146		mg/Kg	☼	101	67 - 141
Endrin aldehyde	0.0072	U	0.144	0.113		mg/Kg	☼	78	71 - 136
Endrin aldehyde	0.0072	U	0.144	0.110		mg/Kg	☼	76	71 - 136
Endrin ketone	0.0072	U	0.144	0.137		mg/Kg	☼	95	60 - 146
Endrin ketone	0.0072	U	0.144	0.135		mg/Kg	☼	93	60 - 146
gamma-BHC (Lindane)	0.0022	U	0.144	0.117		mg/Kg	☼	81	72 - 139
gamma-BHC (Lindane)	0.0022	U	0.144	0.124		mg/Kg	☼	86	72 - 139
Heptachlor	0.0072	U	0.144	0.132		mg/Kg	☼	92	74 - 138
Heptachlor	0.0072	U	0.144	0.139		mg/Kg	☼	97	74 - 138
Heptachlor epoxide	0.0072	U	0.144	0.123		mg/Kg	☼	85	72 - 134
Heptachlor epoxide	0.0072	U	0.144	0.128		mg/Kg	☼	89	72 - 134
Methoxychlor	0.0072	U	0.144	0.178		mg/Kg	☼	123	60 - 150
Methoxychlor	0.0072	U	0.144	0.136		mg/Kg	☼	94	60 - 150
trans-Chlordane	0.0072	U	0.144	0.125		mg/Kg	☼	86	69 - 136
trans-Chlordane	0.0072	U	0.144	0.130		mg/Kg	☼	90	69 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*17 - 150*
DCB Decachlorobiphenyl	*76*		*17 - 150*
Tetrachloro-m-xylene	*78*		*21 - 150*
Tetrachloro-m-xylene	*95*		*21 - 150*

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

Lab Sample ID: 460-326907-E-1-I MSD
Matrix: Solid
Analysis Batch: 1040105

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039986

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0072	U	0.144	0.101		mg/Kg	☼	70	70 - 138	25	30
4,4'-DDD	0.0072	U	0.144	0.101		mg/Kg	☼	70	70 - 138	25	30
4,4'-DDE	0.0072	U	0.144	0.0958	*	mg/Kg	☼	66	68 - 136	25	30
4,4'-DDE	0.0072	U	0.144	0.0998		mg/Kg	☼	69	68 - 136	25	30
4,4'-DDT	0.0072	U	0.144	0.118		mg/Kg	☼	81	66 - 149	25	30
4,4'-DDT	0.0072	U	0.144	0.106		mg/Kg	☼	73	66 - 149	27	30
Aldrin	0.0072	U	0.144	0.0879	*	mg/Kg	☼	61	69 - 136	27	30
Aldrin	0.0072	U	0.144	0.0947	*	mg/Kg	☼	66	69 - 136	26	30
alpha-BHC	0.0022	U	0.144	0.0930	*	mg/Kg	☼	64	72 - 134	24	30
alpha-BHC	0.0022	U	0.144	0.0993	*	mg/Kg	☼	69	72 - 134	27	30
beta-BHC	0.0022	U	0.144	0.0853	*	mg/Kg	☼	59	71 - 130	26	30
beta-BHC	0.0022	U	0.144	0.0994	*	mg/Kg	☼	69	71 - 130	26	30
cis-Chlordane	0.0072	U	0.144	0.0927	*	mg/Kg	☼	64	69 - 135	26	30
cis-Chlordane	0.0072	U	0.144	0.102		mg/Kg	☼	70	69 - 135	26	30
delta-BHC	0.0022	U	0.144	0.0962	*	mg/Kg	☼	67	69 - 140	25	30
delta-BHC	0.0022	U	0.144	0.101		mg/Kg	☼	70	69 - 140	26	30
Dieldrin	0.0022	U	0.144	0.0953	*	mg/Kg	☼	66	69 - 134	25	30
Dieldrin	0.0022	U	0.144	0.101		mg/Kg	☼	70	69 - 134	26	30
Endosulfan I	0.0072	U	0.144	0.0938	*	mg/Kg	☼	65	69 - 133	25	30
Endosulfan I	0.0072	U	0.144	0.101		mg/Kg	☼	70	69 - 133	25	30
Endosulfan II	0.0072	U	0.144	0.102		mg/Kg	☼	71	71 - 137	24	30
Endosulfan II	0.0072	U	0.144	0.105		mg/Kg	☼	72	71 - 137	25	30
Endosulfan sulfate	0.0072	U	0.144	0.105		mg/Kg	☼	72	61 - 140	24	30
Endosulfan sulfate	0.0072	U	0.144	0.101		mg/Kg	☼	70	61 - 140	24	30
Endrin	0.0072	U	0.144	0.102		mg/Kg	☼	71	67 - 141	25	30
Endrin	0.0072	U	0.144	0.112		mg/Kg	☼	78	67 - 141	26	30
Endrin aldehyde	0.0072	U	0.144	0.0865	*	mg/Kg	☼	60	71 - 136	27	30
Endrin aldehyde	0.0072	U	0.144	0.0842	*	mg/Kg	☼	58	71 - 136	27	30
Endrin ketone	0.0072	U	0.144	0.107		mg/Kg	☼	74	60 - 146	24	30
Endrin ketone	0.0072	U	0.144	0.106		mg/Kg	☼	73	60 - 146	24	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.0905	*	mg/Kg	☼	63	72 - 139	26	30
gamma-BHC (Lindane)	0.0022	U	0.144	0.0954	*	mg/Kg	☼	66	72 - 139	26	30
Heptachlor	0.0072	U	0.144	0.102	*	mg/Kg	☼	71	74 - 138	26	30
Heptachlor	0.0072	U	0.144	0.107		mg/Kg	☼	74	74 - 138	27	30
Heptachlor epoxide	0.0072	U	0.144	0.0949	*	mg/Kg	☼	66	72 - 134	26	30
Heptachlor epoxide	0.0072	U	0.144	0.0990	*	mg/Kg	☼	68	72 - 134	26	30
Methoxychlor	0.0072	U	0.144	0.139		mg/Kg	☼	96	60 - 150	25	30
Methoxychlor	0.0072	U	0.144	0.106		mg/Kg	☼	73	60 - 150	25	30
trans-Chlordane	0.0072	U	0.144	0.0964	*	mg/Kg	☼	67	69 - 136	26	30
trans-Chlordane	0.0072	U	0.144	0.100		mg/Kg	☼	69	69 - 136	26	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*17 - 150*
DCB Decachlorobiphenyl	*65*		*17 - 150*
Tetrachloro-m-xylene	*79*		*21 - 150*
Tetrachloro-m-xylene	*84*		*21 - 150*

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

Lab Sample ID: MB 460-1040502/1-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:27	05/31/25 10:55	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:27	05/31/25 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*115*		*10 - 150*	*05/30/25 10:27*	*05/31/25 10:55*	*1*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*05/30/25 10:27*	*05/31/25 10:55*	*1*

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

Lab Sample ID: MB 460-1040502/1-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040502

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	111		14 - 150	05/30/25 10:27	05/31/25 10:55	1
Tetrachloro-m-xylene	112		14 - 150	05/30/25 10:27	05/31/25 10:55	1

Lab Sample ID: LCS 460-1040502/2-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.161		mg/Kg		121	71 - 134
4,4'-DDD	0.133	0.150		mg/Kg		112	71 - 134
4,4'-DDE	0.133	0.156		mg/Kg		117	71 - 137
4,4'-DDE	0.133	0.145		mg/Kg		109	71 - 137
4,4'-DDT	0.133	0.150		mg/Kg		112	69 - 140
4,4'-DDT	0.133	0.136		mg/Kg		102	69 - 140
Aldrin	0.133	0.146		mg/Kg		109	68 - 136
Aldrin	0.133	0.139		mg/Kg		104	68 - 136
alpha-BHC	0.133	0.152		mg/Kg		114	71 - 136
alpha-BHC	0.133	0.145		mg/Kg		109	71 - 136
beta-BHC	0.133	0.141		mg/Kg		106	67 - 133
beta-BHC	0.133	0.138		mg/Kg		103	67 - 133
cis-Chlordane	0.133	0.154		mg/Kg		115	70 - 140
cis-Chlordane	0.133	0.144		mg/Kg		108	70 - 140
delta-BHC	0.133	0.140		mg/Kg		105	70 - 135
delta-BHC	0.133	0.138		mg/Kg		104	70 - 135
Dieldrin	0.133	0.151		mg/Kg		113	71 - 135
Dieldrin	0.133	0.140		mg/Kg		105	71 - 135
Endosulfan I	0.133	0.151		mg/Kg		113	70 - 141
Endosulfan I	0.133	0.143		mg/Kg		107	70 - 141
Endosulfan II	0.133	0.157		mg/Kg		117	75 - 141
Endosulfan II	0.133	0.145		mg/Kg		109	75 - 141
Endosulfan sulfate	0.133	0.142		mg/Kg		106	67 - 130
Endosulfan sulfate	0.133	0.124		mg/Kg		93	67 - 130
Endrin	0.133	0.142		mg/Kg		106	66 - 143
Endrin	0.133	0.135		mg/Kg		102	66 - 143
Endrin aldehyde	0.133	0.151		mg/Kg		113	70 - 132
Endrin aldehyde	0.133	0.135		mg/Kg		102	70 - 132
Endrin ketone	0.133	0.142		mg/Kg		107	66 - 137
Endrin ketone	0.133	0.130		mg/Kg		97	66 - 137
gamma-BHC (Lindane)	0.133	0.149		mg/Kg		112	71 - 137
gamma-BHC (Lindane)	0.133	0.142		mg/Kg		107	71 - 137
Heptachlor	0.133	0.146		mg/Kg		109	70 - 140
Heptachlor	0.133	0.141		mg/Kg		106	70 - 140
Heptachlor epoxide	0.133	0.149		mg/Kg		111	70 - 135
Heptachlor epoxide	0.133	0.140		mg/Kg		105	70 - 135
Methoxychlor	0.133	0.149		mg/Kg		112	63 - 138
Methoxychlor	0.133	0.137		mg/Kg		103	63 - 138
trans-Chlordane	0.133	0.153		mg/Kg		115	70 - 141
trans-Chlordane	0.133	0.143		mg/Kg		107	70 - 141

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

Lab Sample ID: LCS 460-1040502/2-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040502

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	88		10 - 150
DCB Decachlorobiphenyl	98		10 - 150
Tetrachloro-m-xylene	88		14 - 150
Tetrachloro-m-xylene	96		14 - 150

Lab Sample ID: LCSD 460-1040502/3-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.165		mg/Kg		124	71 - 134	2	30
4,4'-DDD			0.133	0.152		mg/Kg		114	71 - 134	1	30
4,4'-DDE			0.133	0.161		mg/Kg		121	71 - 137	3	30
4,4'-DDE			0.133	0.149		mg/Kg		112	71 - 137	3	30
4,4'-DDT			0.133	0.157		mg/Kg		117	69 - 140	4	30
4,4'-DDT			0.133	0.141		mg/Kg		106	69 - 140	4	30
Aldrin			0.133	0.150		mg/Kg		113	68 - 136	3	30
Aldrin			0.133	0.142		mg/Kg		106	68 - 136	2	30
alpha-BHC			0.133	0.155		mg/Kg		116	71 - 136	2	30
alpha-BHC			0.133	0.148		mg/Kg		111	71 - 136	2	30
beta-BHC			0.133	0.144		mg/Kg		108	67 - 133	2	30
beta-BHC			0.133	0.137		mg/Kg		103	67 - 133	0	30
cis-Chlordane			0.133	0.158		mg/Kg		119	70 - 140	3	30
cis-Chlordane			0.133	0.147		mg/Kg		111	70 - 140	3	30
delta-BHC			0.133	0.144		mg/Kg		108	70 - 135	3	30
delta-BHC			0.133	0.141		mg/Kg		106	70 - 135	2	30
Dieldrin			0.133	0.155		mg/Kg		116	71 - 135	3	30
Dieldrin			0.133	0.143		mg/Kg		107	71 - 135	2	30
Endosulfan I			0.133	0.156		mg/Kg		117	70 - 141	3	30
Endosulfan I			0.133	0.146		mg/Kg		109	70 - 141	2	30
Endosulfan II			0.133	0.162		mg/Kg		121	75 - 141	3	30
Endosulfan II			0.133	0.149		mg/Kg		112	75 - 141	2	30
Endosulfan sulfate			0.133	0.147		mg/Kg		110	67 - 130	3	30
Endosulfan sulfate			0.133	0.127		mg/Kg		95	67 - 130	2	30
Endrin			0.133	0.146		mg/Kg		110	66 - 143	3	30
Endrin			0.133	0.139		mg/Kg		104	66 - 143	3	30
Endrin aldehyde			0.133	0.155		mg/Kg		116	70 - 132	3	30
Endrin aldehyde			0.133	0.139		mg/Kg		104	70 - 132	2	30
Endrin ketone			0.133	0.149		mg/Kg		112	66 - 137	4	30
Endrin ketone			0.133	0.133		mg/Kg		100	66 - 137	3	30
gamma-BHC (Lindane)			0.133	0.152		mg/Kg		114	71 - 137	2	30
gamma-BHC (Lindane)			0.133	0.144		mg/Kg		108	71 - 137	1	30
Heptachlor			0.133	0.150		mg/Kg		112	70 - 140	3	30
Heptachlor			0.133	0.145		mg/Kg		108	70 - 140	3	30
Heptachlor epoxide			0.133	0.153		mg/Kg		115	70 - 135	3	30
Heptachlor epoxide			0.133	0.143		mg/Kg		107	70 - 135	2	30
Methoxychlor			0.133	0.155		mg/Kg		116	63 - 138	4	30
Methoxychlor			0.133	0.141		mg/Kg		105	63 - 138	3	30

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

Lab Sample ID: LCSD 460-1040502/3-A
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-Chlordane			0.133	0.158		mg/Kg		119	70 - 141	3	30
trans-Chlordane			0.133	0.147		mg/Kg		110	70 - 141	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*95*		*10 - 150*
DCB Decachlorobiphenyl	*104*		*10 - 150*
Tetrachloro-m-xylene	*92*		*14 - 150*
Tetrachloro-m-xylene	*98*		*14 - 150*

Lab Sample ID: 460-326691-1 MS
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0075	U	0.149	0.120		mg/Kg	☼	81	70 - 138
4,4'-DDD	0.0075	U	0.149	0.118		mg/Kg	☼	80	70 - 138
4,4'-DDE	0.0075	U	0.149	0.120		mg/Kg	☼	81	68 - 136
4,4'-DDE	0.0075	U	0.149	0.117		mg/Kg	☼	79	68 - 136
4,4'-DDT	0.0075	U	0.149	0.128		mg/Kg	☼	86	66 - 149
4,4'-DDT	0.0075	U	0.149	0.116		mg/Kg	☼	78	66 - 149
Aldrin	0.0075	U	0.149	0.113		mg/Kg	☼	76	69 - 136
Aldrin	0.0075	U	0.149	0.109		mg/Kg	☼	73	69 - 136
alpha-BHC	0.0022	U	0.149	0.117		mg/Kg	☼	79	72 - 134
alpha-BHC	0.0022	U	0.149	0.114		mg/Kg	☼	77	72 - 134
beta-BHC	0.0022	U	0.149	0.106		mg/Kg	☼	71	71 - 130
beta-BHC	0.0022	U	0.149	0.105		mg/Kg	☼	71	71 - 130
cis-Chlordane	0.0075	U	0.149	0.118		mg/Kg	☼	80	69 - 135
cis-Chlordane	0.0075	U	0.149	0.115		mg/Kg	☼	77	69 - 135
delta-BHC	0.0022	U	0.149	0.105		mg/Kg	☼	70	69 - 140
delta-BHC	0.0022	U	0.149	0.105		mg/Kg	☼	70	69 - 140
Dieldrin	0.0022	U	0.149	0.118		mg/Kg	☼	79	69 - 134
Dieldrin	0.0022	U	0.149	0.110		mg/Kg	☼	74	69 - 134
Endosulfan I	0.0075	U	0.149	0.116		mg/Kg	☼	78	69 - 133
Endosulfan I	0.0075	U	0.149	0.109		mg/Kg	☼	74	69 - 133
Endosulfan II	0.0075	U	0.149	0.119		mg/Kg	☼	80	71 - 137
Endosulfan II	0.0075	U	0.149	0.112		mg/Kg	☼	76	71 - 137
Endosulfan sulfate	0.0075	U	0.149	0.110		mg/Kg	☼	74	61 - 140
Endosulfan sulfate	0.0075	U	0.149	0.0955		mg/Kg	☼	64	61 - 140
Endrin	0.0075	U	0.149	0.115		mg/Kg	☼	77	67 - 141
Endrin	0.0075	U	0.149	0.110		mg/Kg	☼	74	67 - 141
Endrin aldehyde	0.0075	U	0.149	0.102	*	mg/Kg	☼	69	71 - 136
Endrin aldehyde	0.0075	U	0.149	0.0941	*	mg/Kg	☼	63	71 - 136
Endrin ketone	0.0075	U	0.149	0.109		mg/Kg	☼	74	60 - 146
Endrin ketone	0.0075	U	0.149	0.0998		mg/Kg	☼	67	60 - 146
gamma-BHC (Lindane)	0.0022	U	0.149	0.115		mg/Kg	☼	77	72 - 139
gamma-BHC (Lindane)	0.0022	U	0.149	0.112		mg/Kg	☼	75	72 - 139
Heptachlor	0.0075	U	0.149	0.116		mg/Kg	☼	78	74 - 138
Heptachlor	0.0075	U	0.149	0.115		mg/Kg	☼	77	74 - 138

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

Lab Sample ID: 460-326691-1 MS
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor epoxide	0.0075	U	0.149	0.117		mg/Kg	☼	79	72 - 134
Heptachlor epoxide	0.0075	U	0.149	0.111		mg/Kg	☼	75	72 - 134
Methoxychlor	0.0075	U	0.149	0.128		mg/Kg	☼	86	60 - 150
Methoxychlor	0.0075	U	0.149	0.121		mg/Kg	☼	81	60 - 150
trans-Chlordane	0.0075	U	0.149	0.119		mg/Kg	☼	80	69 - 136
trans-Chlordane	0.0075	U	0.149	0.112		mg/Kg	☼	75	69 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*80*		*17 - 150*
DCB Decachlorobiphenyl	*86*		*17 - 150*
Tetrachloro-m-xylene	*80*		*21 - 150*
Tetrachloro-m-xylene	*86*		*21 - 150*

Lab Sample ID: 460-326691-1 MSD
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0075	U	0.149	0.143		mg/Kg	☼	96	70 - 138	18	30
4,4'-DDD	0.0075	U	0.149	0.143		mg/Kg	☼	96	70 - 138	19	30
4,4'-DDE	0.0075	U	0.149	0.144		mg/Kg	☼	97	68 - 136	18	30
4,4'-DDE	0.0075	U	0.149	0.142		mg/Kg	☼	96	68 - 136	20	30
4,4'-DDT	0.0075	U	0.149	0.153		mg/Kg	☼	103	66 - 149	18	30
4,4'-DDT	0.0075	U	0.149	0.142		mg/Kg	☼	96	66 - 149	20	30
Aldrin	0.0075	U	0.149	0.135		mg/Kg	☼	91	69 - 136	18	30
Aldrin	0.0075	U	0.149	0.133		mg/Kg	☼	90	69 - 136	20	30
alpha-BHC	0.0022	U	0.149	0.138		mg/Kg	☼	93	72 - 134	17	30
alpha-BHC	0.0022	U	0.149	0.138		mg/Kg	☼	93	72 - 134	19	30
beta-BHC	0.0022	U	0.149	0.124		mg/Kg	☼	84	71 - 130	16	30
beta-BHC	0.0022	U	0.149	0.123		mg/Kg	☼	83	71 - 130	16	30
cis-Chlordane	0.0075	U	0.149	0.140		mg/Kg	☼	94	69 - 135	17	30
cis-Chlordane	0.0075	U	0.149	0.139		mg/Kg	☼	93	69 - 135	19	30
delta-BHC	0.0022	U	0.149	0.126		mg/Kg	☼	85	69 - 140	19	30
delta-BHC	0.0022	U	0.149	0.128		mg/Kg	☼	86	69 - 140	20	30
Dieldrin	0.0022	U	0.149	0.142		mg/Kg	☼	95	69 - 134	19	30
Dieldrin	0.0022	U	0.149	0.134		mg/Kg	☼	90	69 - 134	20	30
Endosulfan I	0.0075	U	0.149	0.138		mg/Kg	☼	93	69 - 133	17	30
Endosulfan I	0.0075	U	0.149	0.131		mg/Kg	☼	88	69 - 133	18	30
Endosulfan II	0.0075	U	0.149	0.141		mg/Kg	☼	95	71 - 137	17	30
Endosulfan II	0.0075	U	0.149	0.135		mg/Kg	☼	91	71 - 137	19	30
Endosulfan sulfate	0.0075	U	0.149	0.128		mg/Kg	☼	86	61 - 140	15	30
Endosulfan sulfate	0.0075	U	0.149	0.114		mg/Kg	☼	77	61 - 140	18	30
Endrin	0.0075	U	0.149	0.134		mg/Kg	☼	90	67 - 141	15	30
Endrin	0.0075	U	0.149	0.134		mg/Kg	☼	90	67 - 141	20	30
Endrin aldehyde	0.0075	U	0.149	0.116		mg/Kg	☼	78	71 - 136	13	30
Endrin aldehyde	0.0075	U	0.149	0.110		mg/Kg	☼	74	71 - 136	16	30
Endrin ketone	0.0075	U	0.149	0.128		mg/Kg	☼	86	60 - 146	15	30
Endrin ketone	0.0075	U	0.149	0.119		mg/Kg	☼	80	60 - 146	17	30

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

Lab Sample ID: 460-326691-1 MSD
Matrix: Solid
Analysis Batch: 1040691

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
gamma-BHC (Lindane)	0.0022	U	0.149	0.137		mg/Kg	☼	92	72 - 139	17	30
gamma-BHC (Lindane)	0.0022	U	0.149	0.136		mg/Kg	☼	91	72 - 139	19	30
Heptachlor	0.0075	U	0.149	0.139		mg/Kg	☼	93	74 - 138	18	30
Heptachlor	0.0075	U	0.149	0.138		mg/Kg	☼	93	74 - 138	19	30
Heptachlor epoxide	0.0075	U	0.149	0.139		mg/Kg	☼	94	72 - 134	18	30
Heptachlor epoxide	0.0075	U	0.149	0.136		mg/Kg	☼	92	72 - 134	21	30
Methoxychlor	0.0075	U	0.149	0.149		mg/Kg	☼	100	60 - 150	16	30
Methoxychlor	0.0075	U	0.149	0.146		mg/Kg	☼	98	60 - 150	19	30
trans-Chlordane	0.0075	U	0.149	0.149		mg/Kg	☼	100	69 - 136	22	30
trans-Chlordane	0.0075	U	0.149	0.137		mg/Kg	☼	92	69 - 136	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*74*		*17 - 150*
DCB Decachlorobiphenyl	*84*		*17 - 150*
Tetrachloro-m-xylene	*76*		*21 - 150*
Tetrachloro-m-xylene	*85*		*21 - 150*

Lab Sample ID: MB 460-1040504/1-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		05/30/25 10:35	05/30/25 20:36	1

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

Lab Sample ID: MB 460-1040504/1-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:35	05/30/25 20:36	1
trans-Chlordane	0.0067	U	0.0067	0.0012	mg/Kg		05/30/25 10:35	05/30/25 20:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*128*		*10 - 150*	*05/30/25 10:35*	*05/30/25 20:36*	*1*
DCB Decachlorobiphenyl	*111*		*10 - 150*	*05/30/25 10:35*	*05/30/25 20:36*	*1*
Tetrachloro-m-xylene	*99*		*14 - 150*	*05/30/25 10:35*	*05/30/25 20:36*	*1*
Tetrachloro-m-xylene	*104*		*14 - 150*	*05/30/25 10:35*	*05/30/25 20:36*	*1*

Lab Sample ID: LCS 460-1040504/2-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.172		mg/Kg		129	71 - 134
4,4'-DDD	0.133	0.170		mg/Kg		127	71 - 134
4,4'-DDE	0.133	0.164		mg/Kg		123	71 - 137
4,4'-DDE	0.133	0.171		mg/Kg		128	71 - 137
4,4'-DDT	0.133	0.207	*	mg/Kg		155	69 - 140
4,4'-DDT	0.133	0.182		mg/Kg		137	69 - 140
Aldrin	0.133	0.150		mg/Kg		113	68 - 136
Aldrin	0.133	0.165		mg/Kg		124	68 - 136
alpha-BHC	0.133	0.153		mg/Kg		115	71 - 136
alpha-BHC	0.133	0.171		mg/Kg		128	71 - 136
beta-BHC	0.133	0.143		mg/Kg		107	67 - 133
beta-BHC	0.133	0.165		mg/Kg		124	67 - 133
cis-Chlordane	0.133	0.159		mg/Kg		120	70 - 140
cis-Chlordane	0.133	0.173		mg/Kg		130	70 - 140
delta-BHC	0.133	0.154		mg/Kg		115	70 - 135
delta-BHC	0.133	0.165		mg/Kg		124	70 - 135
Dieldrin	0.133	0.160		mg/Kg		120	71 - 135
Dieldrin	0.133	0.169		mg/Kg		127	71 - 135

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

Lab Sample ID: LCS 460-1040504/2-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040504

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endosulfan I			0.133	0.159		mg/Kg		119	70 - 141		
Endosulfan I			0.133	0.170		mg/Kg		127	70 - 141		
Endosulfan II			0.133	0.171		mg/Kg		129	75 - 141		
Endosulfan II			0.133	0.176		mg/Kg		132	75 - 141		
Endosulfan sulfate			0.133	0.173		mg/Kg		130	67 - 130		
Endosulfan sulfate			0.133	0.166		mg/Kg		125	67 - 130		
Endrin			0.133	0.171		mg/Kg		128	66 - 143		
Endrin			0.133	0.189		mg/Kg		142	66 - 143		
Endrin aldehyde			0.133	0.163		mg/Kg		122	70 - 132		
Endrin aldehyde			0.133	0.155		mg/Kg		117	70 - 132		
Endrin ketone			0.133	0.165		mg/Kg		124	66 - 137		
Endrin ketone			0.133	0.160		mg/Kg		120	66 - 137		
gamma-BHC (Lindane)			0.133	0.150		mg/Kg		112	71 - 137		
gamma-BHC (Lindane)			0.133	0.165		mg/Kg		124	71 - 137		
Heptachlor			0.133	0.175		mg/Kg		131	70 - 140		
Heptachlor			0.133	0.185		mg/Kg		139	70 - 140		
Heptachlor epoxide			0.133	0.160		mg/Kg		120	70 - 135		
Heptachlor epoxide			0.133	0.170		mg/Kg		128	70 - 135		
Methoxychlor			0.133	0.240	*	mg/Kg		180	63 - 138		
Methoxychlor			0.133	0.183		mg/Kg		137	63 - 138		
trans-Chlordane			0.133	0.164		mg/Kg		123	70 - 141		
trans-Chlordane			0.133	0.171		mg/Kg		128	70 - 141		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*108*		*10 - 150*
DCB Decachlorobiphenyl	*100*		*10 - 150*
Tetrachloro-m-xylene	*92*		*14 - 150*
Tetrachloro-m-xylene	*105*		*14 - 150*

Lab Sample ID: LCSD 460-1040504/3-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040504

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.169		mg/Kg		126	71 - 134	2	30
4,4'-DDD			0.133	0.162		mg/Kg		122	71 - 134	5	30
4,4'-DDE			0.133	0.163		mg/Kg		122	71 - 137	1	30
4,4'-DDE			0.133	0.164		mg/Kg		123	71 - 137	4	30
4,4'-DDT			0.133	0.200	*	mg/Kg		150	69 - 140	3	30
4,4'-DDT			0.133	0.171		mg/Kg		129	69 - 140	6	30
Aldrin			0.133	0.153		mg/Kg		115	68 - 136	2	30
Aldrin			0.133	0.158		mg/Kg		119	68 - 136	4	30
alpha-BHC			0.133	0.156		mg/Kg		117	71 - 136	2	30
alpha-BHC			0.133	0.164		mg/Kg		123	71 - 136	4	30
beta-BHC			0.133	0.145		mg/Kg		109	67 - 133	1	30
beta-BHC			0.133	0.158		mg/Kg		118	67 - 133	5	30
cis-Chlordane			0.133	0.158		mg/Kg		118	70 - 140	1	30
cis-Chlordane			0.133	0.167		mg/Kg		125	70 - 140	4	30

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

Lab Sample ID: LCSD 460-1040504/3-A
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040504

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
delta-BHC			0.133	0.156		mg/Kg		117	70 - 135	2	30
delta-BHC			0.133	0.157		mg/Kg		118	70 - 135	5	30
Dieldrin			0.133	0.159		mg/Kg		119	71 - 135	0	30
Dieldrin			0.133	0.164		mg/Kg		123	71 - 135	3	30
Endosulfan I			0.133	0.158		mg/Kg		119	70 - 141	0	30
Endosulfan I			0.133	0.164		mg/Kg		123	70 - 141	3	30
Endosulfan II			0.133	0.169		mg/Kg		127	75 - 141	1	30
Endosulfan II			0.133	0.168		mg/Kg		126	75 - 141	4	30
Endosulfan sulfate			0.133	0.171		mg/Kg		128	67 - 130	1	30
Endosulfan sulfate			0.133	0.160		mg/Kg		120	67 - 130	4	30
Endrin			0.133	0.169		mg/Kg		127	66 - 143	1	30
Endrin			0.133	0.180		mg/Kg		135	66 - 143	5	30
Endrin aldehyde			0.133	0.162		mg/Kg		121	70 - 132	1	30
Endrin aldehyde			0.133	0.150		mg/Kg		112	70 - 132	4	30
Endrin ketone			0.133	0.165		mg/Kg		123	66 - 137	0	30
Endrin ketone			0.133	0.154		mg/Kg		115	66 - 137	4	30
gamma-BHC (Lindane)			0.133	0.154		mg/Kg		116	71 - 137	3	30
gamma-BHC (Lindane)			0.133	0.157		mg/Kg		118	71 - 137	5	30
Heptachlor			0.133	0.177		mg/Kg		133	70 - 140	1	30
Heptachlor			0.133	0.175		mg/Kg		131	70 - 140	5	30
Heptachlor epoxide			0.133	0.161		mg/Kg		121	70 - 135	1	30
Heptachlor epoxide			0.133	0.163		mg/Kg		122	70 - 135	4	30
Methoxychlor			0.133	0.233	*	mg/Kg		175	63 - 138	3	30
Methoxychlor			0.133	0.170		mg/Kg		127	63 - 138	7	30
trans-Chlordane			0.133	0.164		mg/Kg		123	70 - 141	0	30
trans-Chlordane			0.133	0.164		mg/Kg		123	70 - 141	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*118*		*10 - 150*
DCB Decachlorobiphenyl	*100*		*10 - 150*
Tetrachloro-m-xylene	*96*		*14 - 150*
Tetrachloro-m-xylene	*106*		*14 - 150*

Lab Sample ID: 460-327114-A-6-G MS
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0082	U	0.0812	0.122	*	mg/Kg	☼	150	71 - 134
4,4'-DDD	0.0082	U	0.0812	0.112	*	mg/Kg	☼	138	71 - 134
4,4'-DDE	0.0082	U	0.0812	0.146	*	mg/Kg	☼	180	71 - 137
4,4'-DDE	0.0082	U	0.0812	0.117	*	mg/Kg	☼	144	71 - 137
4,4'-DDT	0.0035	J	0.0812	0.159	*	mg/Kg	☼	191	69 - 140
4,4'-DDT	0.0035	J	0.0812	0.127	*	mg/Kg	☼	153	69 - 140
Aldrin	0.0082	U	0.0812	0.114	*	mg/Kg	☼	141	68 - 136
Aldrin	0.0082	U	0.0812	0.112	*	mg/Kg	☼	138	68 - 136
alpha-BHC	0.0024	U	0.0812	0.114	*	mg/Kg	☼	141	71 - 136
alpha-BHC	0.0024	U	0.0812	0.117	*	mg/Kg	☼	144	71 - 136

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

Lab Sample ID: 460-327114-A-6-G MS
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
beta-BHC	0.0024	U	0.0812	0.105		mg/Kg	☼	130	67 - 133
beta-BHC	0.0024	U	0.0812	0.113	*	mg/Kg	☼	139	67 - 133
cis-Chlordane	0.0064	J	0.0812	0.121	*	mg/Kg	☼	141	70 - 140
cis-Chlordane	0.0064	J	0.0812	0.123	*	mg/Kg	☼	144	70 - 140
delta-BHC	0.0024	U	0.0812	0.108		mg/Kg	☼	133	70 - 135
delta-BHC	0.0024	U	0.0812	0.107		mg/Kg	☼	131	70 - 135
Dieldrin	0.0024	U	0.0812	0.120	*	mg/Kg	☼	148	71 - 135
Dieldrin	0.0024	U	0.0812	0.117	*	mg/Kg	☼	144	71 - 135
Endosulfan I	0.0082	U	0.0812	0.121	*	mg/Kg	☼	149	70 - 141
Endosulfan I	0.0082	U	0.0812	0.119	*	mg/Kg	☼	147	70 - 141
Endosulfan II	0.0082	U	0.0812	0.125	*	mg/Kg	☼	154	75 - 141
Endosulfan II	0.0082	U	0.0812	0.115	*	mg/Kg	☼	142	75 - 141
Endosulfan sulfate	0.0082	U	0.0812	0.131	*	mg/Kg	☼	162	67 - 130
Endosulfan sulfate	0.0082	U	0.0812	0.110	*	mg/Kg	☼	135	67 - 130
Endrin	0.0082	U	0.0812	0.130	*	mg/Kg	☼	160	66 - 143
Endrin	0.0082	U	0.0812	0.135	*	mg/Kg	☼	167	66 - 143
Endrin aldehyde	0.0082	U	0.0812	0.105		mg/Kg	☼	129	70 - 132
Endrin aldehyde	0.0082	U	0.0812	0.0948		mg/Kg	☼	117	70 - 132
Endrin ketone	0.0082	U	0.0812	0.126	*	mg/Kg	☼	155	66 - 137
Endrin ketone	0.0082	U	0.0812	0.115	*	mg/Kg	☼	141	66 - 137
gamma-BHC (Lindane)	0.0024	U	0.0812	0.113	*	mg/Kg	☼	139	71 - 137
gamma-BHC (Lindane)	0.0024	U	0.0812	0.111		mg/Kg	☼	136	71 - 137
Heptachlor	0.0082	U	0.0812	0.134	*	mg/Kg	☼	165	70 - 140
Heptachlor	0.0082	U	0.0812	0.131	*	mg/Kg	☼	161	70 - 140
Heptachlor epoxide	0.0082	U	0.0812	0.121	*	mg/Kg	☼	149	70 - 135
Heptachlor epoxide	0.0082	U	0.0812	0.123	*	mg/Kg	☼	152	70 - 135
Methoxychlor	0.0082	U	0.0812	0.184	*	mg/Kg	☼	226	63 - 138
Methoxychlor	0.0082	U	0.0812	0.129	*	mg/Kg	☼	159	63 - 138
trans-Chlordane	0.0022	J	0.0812	0.122	*	mg/Kg	☼	148	70 - 141
trans-Chlordane	0.0031	J	0.0812	0.119	*	mg/Kg	☼	142	70 - 141

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*10 - 150*
DCB Decachlorobiphenyl	*87*		*10 - 150*
Tetrachloro-m-xylene	*66*		*14 - 150*
Tetrachloro-m-xylene	*80*		*14 - 150*

Lab Sample ID: 460-327114-A-6-H MSD
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0082	U	0.0812	0.0893	*	mg/Kg	☼	110	71 - 134	31	30
4,4'-DDD	0.0082	U	0.0812	0.0818	*	mg/Kg	☼	101	71 - 134	31	30
4,4'-DDE	0.0082	U	0.0812	0.122	*	mg/Kg	☼	151	71 - 137	17	30
4,4'-DDE	0.0082	U	0.0812	0.0832	*	mg/Kg	☼	103	71 - 137	34	30
4,4'-DDT	0.0035	J	0.0812	0.115	*	mg/Kg	☼	137	69 - 140	32	30
4,4'-DDT	0.0035	J	0.0812	0.0907	*	mg/Kg	☼	107	69 - 140	34	30

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

Lab Sample ID: 460-327114-A-6-H MSD
Matrix: Solid
Analysis Batch: 1040382

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040504

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin	0.0082	U	0.0812	0.0831	*	mg/Kg	☼	102	68 - 136	32	30
Aldrin	0.0082	U	0.0812	0.0803	*	mg/Kg	☼	99	68 - 136	33	30
alpha-BHC	0.0024	U	0.0812	0.0827	*	mg/Kg	☼	102	71 - 136	32	30
alpha-BHC	0.0024	U	0.0812	0.0853	*	mg/Kg	☼	105	71 - 136	31	30
beta-BHC	0.0024	U	0.0812	0.0760	*	mg/Kg	☼	94	67 - 133	32	30
beta-BHC	0.0024	U	0.0812	0.0788	*	mg/Kg	☼	97	67 - 133	36	30
cis-Chlordane	0.0064	J	0.0812	0.0899		mg/Kg	☼	103	70 - 140	29	30
cis-Chlordane	0.0064	J	0.0812	0.0909		mg/Kg	☼	104	70 - 140	30	30
delta-BHC	0.0024	U	0.0812	0.0787	*	mg/Kg	☼	97	70 - 135	31	30
delta-BHC	0.0024	U	0.0812	0.0755	*	mg/Kg	☼	93	70 - 135	34	30
Dieldrin	0.0024	U	0.0812	0.0871	*	mg/Kg	☼	107	71 - 135	32	30
Dieldrin	0.0024	U	0.0812	0.0853	*	mg/Kg	☼	105	71 - 135	31	30
Endosulfan I	0.0082	U	0.0812	0.0876	*	mg/Kg	☼	108	70 - 141	32	30
Endosulfan I	0.0082	U	0.0812	0.0850	*	mg/Kg	☼	105	70 - 141	34	30
Endosulfan II	0.0082	U	0.0812	0.0906	*	mg/Kg	☼	112	75 - 141	32	30
Endosulfan II	0.0082	U	0.0812	0.0829	*	mg/Kg	☼	102	75 - 141	32	30
Endosulfan sulfate	0.0082	U	0.0812	0.0986		mg/Kg	☼	121	67 - 130	28	30
Endosulfan sulfate	0.0082	U	0.0812	0.0797	*	mg/Kg	☼	98	67 - 130	32	30
Endrin	0.0082	U	0.0812	0.0934	*	mg/Kg	☼	115	66 - 143	33	30
Endrin	0.0082	U	0.0812	0.0970	*	mg/Kg	☼	119	66 - 143	33	30
Endrin aldehyde	0.0082	U	0.0812	0.0756	*	mg/Kg	☼	93	70 - 132	33	30
Endrin aldehyde	0.0082	U	0.0812	0.0671	*	mg/Kg	☼	83	70 - 132	34	30
Endrin ketone	0.0082	U	0.0812	0.0921	*	mg/Kg	☼	113	66 - 137	31	30
Endrin ketone	0.0082	U	0.0812	0.0844		mg/Kg	☼	104	66 - 137	30	30
gamma-BHC (Lindane)	0.0024	U	0.0812	0.0804	*	mg/Kg	☼	99	71 - 137	34	30
gamma-BHC (Lindane)	0.0024	U	0.0812	0.0800	*	mg/Kg	☼	98	71 - 137	32	30
Heptachlor	0.0082	U	0.0812	0.0958	*	mg/Kg	☼	118	70 - 140	33	30
Heptachlor	0.0082	U	0.0812	0.0927	*	mg/Kg	☼	114	70 - 140	34	30
Heptachlor epoxide	0.0082	U	0.0812	0.0900		mg/Kg	☼	111	70 - 135	29	30
Heptachlor epoxide	0.0082	U	0.0812	0.0905	*	mg/Kg	☼	111	70 - 135	31	30
Methoxychlor	0.0082	U	0.0812	0.133	*	mg/Kg	☼	164	63 - 138	32	30
Methoxychlor	0.0082	U	0.0812	0.0943	*	mg/Kg	☼	116	63 - 138	31	30
trans-Chlordane	0.0022	J	0.0812	0.0882	*	mg/Kg	☼	106	70 - 141	32	30
trans-Chlordane	0.0031	J	0.0812	0.0856	*	mg/Kg	☼	102	70 - 141	32	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*10 - 150*
DCB Decachlorobiphenyl	*83*		*10 - 150*
Tetrachloro-m-xylene	*66*		*14 - 150*
Tetrachloro-m-xylene	*71*		*14 - 150*

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

Lab Sample ID: MB 460-1039985/1-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1

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

Lab Sample ID: MB 460-1039985/1-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/28/25 10:47	05/29/25 04:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*20 - 150*	*05/28/25 10:47*	*05/29/25 04:54*	*1*
DCB Decachlorobiphenyl	*101*		*20 - 150*	*05/28/25 10:47*	*05/29/25 04:54*	*1*
Tetrachloro-m-xylene	*107*		*20 - 150*	*05/28/25 10:47*	*05/29/25 04:54*	*1*
Tetrachloro-m-xylene	*127*		*20 - 150*	*05/28/25 10:47*	*05/29/25 04:54*	*1*

Lab Sample ID: LCS 460-1039985/2-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039985

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.351		mg/Kg		105	54 - 136		
Aroclor 1016			0.333	0.358		mg/Kg		107	54 - 136		
Aroclor 1260			0.333	0.360		mg/Kg		108	53 - 145		
Aroclor 1260			0.333	0.392		mg/Kg		118	53 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*94*		*20 - 150*
DCB Decachlorobiphenyl	*103*		*20 - 150*
Tetrachloro-m-xylene	*110*		*20 - 150*
Tetrachloro-m-xylene	*130*		*20 - 150*

Lab Sample ID: LCSD 460-1039985/3-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039985

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.362		mg/Kg		109	54 - 136	3	30

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

Lab Sample ID: LCSD 460-1039985/3-A
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039985

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.358		mg/Kg		107	54 - 136	0	30
Aroclor 1260			0.333	0.369		mg/Kg		111	53 - 145	3	30
Aroclor 1260			0.333	0.379		mg/Kg		114	53 - 145	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*20 - 150*
DCB Decachlorobiphenyl	*105*		*20 - 150*
Tetrachloro-m-xylene	*111*		*20 - 150*
Tetrachloro-m-xylene	*133*		*20 - 150*

Lab Sample ID: 460-326907-E-1-E MS
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039985

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.072	U	0.361	0.413		mg/Kg	☼	115	54 - 136
Aroclor 1016	0.072	U	0.361	0.373		mg/Kg	☼	103	54 - 136
Aroclor 1260	0.072	U	0.361	0.294		mg/Kg	☼	81	53 - 145
Aroclor 1260	0.072	U	0.361	0.349		mg/Kg	☼	97	53 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*20 - 150*
DCB Decachlorobiphenyl	*84*		*20 - 150*
Tetrachloro-m-xylene	*105*		*20 - 150*
Tetrachloro-m-xylene	*101*		*20 - 150*

Lab Sample ID: 460-326907-E-1-F MSD
Matrix: Solid
Analysis Batch: 1040114

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039985

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.072	U	0.361	0.510	*	mg/Kg	☼	141	54 - 136	21	30
Aroclor 1016	0.072	U	0.361	0.464		mg/Kg	☼	128	54 - 136	22	30
Aroclor 1260	0.072	U	0.361	0.378		mg/Kg	☼	105	53 - 145	25	30
Aroclor 1260	0.072	U	0.361	0.493	*	mg/Kg	☼	137	53 - 145	34	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*115*		*20 - 150*
DCB Decachlorobiphenyl	*110*		*20 - 150*
Tetrachloro-m-xylene	*136*		*20 - 150*
Tetrachloro-m-xylene	*129*		*20 - 150*

Lab Sample ID: MB 460-1040500/1-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1

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

Lab Sample ID: MB 460-1040500/1-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:20	05/30/25 20:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*134*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:07*	*1*
DCB Decachlorobiphenyl	*134*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:07*	*1*
Tetrachloro-m-xylene	*125*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:07*	*1*
Tetrachloro-m-xylene	*118*		*20 - 150*	*05/30/25 10:20*	*05/30/25 20:07*	*1*

Lab Sample ID: LCS 460-1040500/2-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040500

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.377		mg/Kg		113	54 - 136		
Aroclor 1016			0.333	0.375		mg/Kg		113	54 - 136		
Aroclor 1260			0.333	0.370		mg/Kg		111	53 - 145		
Aroclor 1260			0.333	0.401		mg/Kg		120	53 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*122*		*20 - 150*
DCB Decachlorobiphenyl	*133*		*20 - 150*
Tetrachloro-m-xylene	*114*		*20 - 150*
Tetrachloro-m-xylene	*112*		*20 - 150*

Lab Sample ID: LCSD 460-1040500/3-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040500

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.384		mg/Kg		115	54 - 136	2	30

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

Lab Sample ID: LCSD 460-1040500/3-A
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040500

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.359		mg/Kg		108	54 - 136	4	30
Aroclor 1260			0.333	0.367		mg/Kg		110	53 - 145	1	30
Aroclor 1260			0.333	0.361		mg/Kg		108	53 - 145	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*127*		*20 - 150*
DCB Decachlorobiphenyl	*123*		*20 - 150*
Tetrachloro-m-xylene	*118*		*20 - 150*
Tetrachloro-m-xylene	*109*		*20 - 150*

Lab Sample ID: 460-326691-1 MS
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.075	U	0.371	0.507	*	mg/Kg	☼	137	54 - 136
Aroclor 1016	0.075	U	0.371	0.453		mg/Kg	☼	122	54 - 136
Aroclor 1260	0.075	U	0.371	0.569	*	mg/Kg	☼	153	53 - 145
Aroclor 1260	0.075	U	0.371	0.415		mg/Kg	☼	112	53 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*162*	*	*20 - 150*
DCB Decachlorobiphenyl	*125*		*20 - 150*
Tetrachloro-m-xylene	*151*	*	*20 - 150*
Tetrachloro-m-xylene	*111*		*20 - 150*

Lab Sample ID: 460-326691-1 MSD
Matrix: Solid
Analysis Batch: 1040621

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.075	U	0.371	0.459		mg/Kg	☼	124	54 - 136	10	30
Aroclor 1016	0.075	U	0.371	0.454		mg/Kg	☼	122	54 - 136	0	30
Aroclor 1260	0.075	U	0.371	0.452		mg/Kg	☼	122	53 - 145	23	30
Aroclor 1260	0.075	U	0.371	0.433		mg/Kg	☼	117	53 - 145	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*137*		*20 - 150*
DCB Decachlorobiphenyl	*130*		*20 - 150*
Tetrachloro-m-xylene	*129*		*20 - 150*
Tetrachloro-m-xylene	*120*		*20 - 150*

Lab Sample ID: MB 460-1040503/1-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1

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

Lab Sample ID: MB 460-1040503/1-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/30/25 10:29	05/30/25 20:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*123*		*10 - 150*	*05/30/25 10:29*	*05/30/25 20:07*	*1*
DCB Decachlorobiphenyl	*140*		*10 - 150*	*05/30/25 10:29*	*05/30/25 20:07*	*1*
Tetrachloro-m-xylene	*111*		*10 - 150*	*05/30/25 10:29*	*05/30/25 20:07*	*1*
Tetrachloro-m-xylene	*119*		*10 - 150*	*05/30/25 10:29*	*05/30/25 20:07*	*1*

Lab Sample ID: LCS 460-1040503/2-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040503

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.332		mg/Kg		100	59 - 149		
Aroclor 1016			0.333	0.371		mg/Kg		111	59 - 149		
Aroclor 1260			0.333	0.395		mg/Kg		119	62 - 145		
Aroclor 1260			0.333	0.430		mg/Kg		129	62 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*123*		*10 - 150*
DCB Decachlorobiphenyl	*145*		*10 - 150*
Tetrachloro-m-xylene	*99*		*10 - 150*
Tetrachloro-m-xylene	*116*		*10 - 150*

Lab Sample ID: LCSD 460-1040503/3-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040503

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.344		mg/Kg		103	59 - 149	4	30

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

Lab Sample ID: LCSD 460-1040503/3-A
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040503

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.360		mg/Kg		108	59 - 149	3	30
Aroclor 1260			0.333	0.360		mg/Kg		108	62 - 145	9	30
Aroclor 1260			0.333	0.375		mg/Kg		112	62 - 145	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*114*		*10 - 150*
DCB Decachlorobiphenyl	*134*		*10 - 150*
Tetrachloro-m-xylene	*103*		*10 - 150*
Tetrachloro-m-xylene	*111*		*10 - 150*

Lab Sample ID: 460-327114-A-6-D MS
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.082	U	0.406	0.344		mg/Kg	☼	85	59 - 149
Aroclor 1016	0.082	U	0.406	0.331		mg/Kg	☼	82	59 - 149
Aroclor 1260	0.082	U	0.406	0.332		mg/Kg	☼	82	62 - 145
Aroclor 1260	0.082	U	0.406	0.345		mg/Kg	☼	85	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*10 - 150*
DCB Decachlorobiphenyl	*99*		*10 - 150*
Tetrachloro-m-xylene	*72*		*10 - 150*
Tetrachloro-m-xylene	*81*		*10 - 150*

Lab Sample ID: 460-327114-A-6-E MSD
Matrix: Solid
Analysis Batch: 1040618

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.082	U	0.406	0.435		mg/Kg	☼	107	59 - 149	23	30
Aroclor 1016	0.082	U	0.406	0.435		mg/Kg	☼	107	59 - 149	27	30
Aroclor 1260	0.082	U	0.406	0.422		mg/Kg	☼	104	62 - 145	24	30
Aroclor 1260	0.082	U	0.406	0.436		mg/Kg	☼	107	62 - 145	23	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*133*		*10 - 150*
DCB Decachlorobiphenyl	*138*		*10 - 150*
Tetrachloro-m-xylene	*107*		*10 - 150*
Tetrachloro-m-xylene	*118*		*10 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-1039660/1-A
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/27/25 07:05	05/28/25 11:24	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/27/25 07:05	05/28/25 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*121*		*41 - 150*	*05/27/25 07:05*	*05/28/25 11:24*	*1*
2,4-Dichlorophenylacetic acid	*123*		*41 - 150*	*05/27/25 07:05*	*05/28/25 11:24*	*1*

Lab Sample ID: LCS 460-1039660/2-A
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.0417	0.0452		mg/Kg		108	69 - 150
2,4,5-T	0.0417	0.0532		mg/Kg		128	69 - 150
2,4-D	0.167	0.164		mg/Kg		99	78 - 150
2,4-D	0.167	0.184		mg/Kg		110	78 - 150
Silvex (2,4,5-TP)	0.0417	0.0477		mg/Kg		115	78 - 150
Silvex (2,4,5-TP)	0.0417	0.0535		mg/Kg		128	78 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*126*		*41 - 150*
2,4-Dichlorophenylacetic acid	*128*		*41 - 150*

Lab Sample ID: LCSD 460-1039660/3-A
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.0417	0.0498		mg/Kg		120	69 - 150	10	30
2,4,5-T	0.0417	0.0581		mg/Kg		140	69 - 150	9	30
2,4-D	0.167	0.184		mg/Kg		110	78 - 150	11	30
2,4-D	0.167	0.202		mg/Kg		121	78 - 150	9	30
Silvex (2,4,5-TP)	0.0417	0.0521		mg/Kg		125	78 - 150	9	30
Silvex (2,4,5-TP)	0.0417	0.0576		mg/Kg		138	78 - 150	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*143*		*41 - 150*
2,4-Dichlorophenylacetic acid	*146*		*41 - 150*

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

Lab Sample ID: 460-326784-A-2-A MS
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.034	U	0.0421	0.0482		mg/Kg	☼	114	69 - 150
2,4,5-T	0.034	U	0.0421	0.0568		mg/Kg	☼	135	69 - 150
2,4-D	0.034	U	0.168	0.187		mg/Kg	☼	111	78 - 150
2,4-D	0.034	U	0.168	0.196		mg/Kg	☼	116	78 - 150
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0511		mg/Kg	☼	121	78 - 150
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0611		mg/Kg	☼	145	78 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*167*	*	*41 - 150*
2,4-Dichlorophenylacetic acid	*163*	*	*41 - 150*

Lab Sample ID: 460-326784-A-2-B MSD
Matrix: Solid
Analysis Batch: 1039894

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039660

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.034	U	0.0421	0.0544		mg/Kg	☼	129	69 - 150	12	30
2,4,5-T	0.034	U	0.0421	0.0627		mg/Kg	☼	149	69 - 150	10	30
2,4-D	0.034	U	0.168	0.208		mg/Kg	☼	123	78 - 150	10	30
2,4-D	0.034	U	0.168	0.219		mg/Kg	☼	130	78 - 150	11	30
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0575		mg/Kg	☼	137	78 - 150	12	30
Silvex (2,4,5-TP)	0.034	U	0.0421	0.0706	*	mg/Kg	☼	168	78 - 150	14	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*182*	*	*41 - 150*
2,4-Dichlorophenylacetic acid	*180*	*	*41 - 150*

Lab Sample ID: MB 460-1040404/1-A
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/30/25 05:32	05/30/25 19:07	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/30/25 05:32	05/30/25 19:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*155*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 19:07*	*1*
2,4-Dichlorophenylacetic acid	*157*	*	*41 - 150*	*05/30/25 05:32*	*05/30/25 19:07*	*1*

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

Lab Sample ID: LCS 460-1040404/2-A
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040404

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-T			0.0417	0.0547		mg/Kg		131	69 - 150		
2,4,5-T			0.0417	0.0627		mg/Kg		150	69 - 150		
2,4-D			0.167	0.200		mg/Kg		120	78 - 150		
2,4-D			0.167	0.208		mg/Kg		125	78 - 150		
Silvex (2,4,5-TP)			0.0417	0.0571		mg/Kg		137	78 - 150		
Silvex (2,4,5-TP)			0.0417	0.0651	*	mg/Kg		156	78 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*150*		*41 - 150*
2,4-Dichlorophenylacetic acid	*153*	*	*41 - 150*

Lab Sample ID: LCSD 460-1040404/3-A
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040404

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			0.0417	0.0493		mg/Kg		118	69 - 150	10	30
2,4,5-T			0.0417	0.0551		mg/Kg		132	69 - 150	13	30
2,4-D			0.167	0.180		mg/Kg		108	78 - 150	11	30
2,4-D			0.167	0.187		mg/Kg		112	78 - 150	11	30
Silvex (2,4,5-TP)			0.0417	0.0507		mg/Kg		122	78 - 150	12	30
Silvex (2,4,5-TP)			0.0417	0.0547		mg/Kg		131	78 - 150	17	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*134*		*41 - 150*
2,4-Dichlorophenylacetic acid	*137*		*41 - 150*

Lab Sample ID: 460-327070-E-1-A MSD
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.036	U	0.0456	0.0593		mg/Kg	☼	130	69 - 150	16	30
2,4,5-T	0.036	U	0.0456	0.0663		mg/Kg	☼	146	69 - 150	11	30
2,4-D	0.036	U	0.182	0.216		mg/Kg	☼	118	78 - 150	13	30
2,4-D	0.036	U	0.182	0.291	*	mg/Kg	☼	160	78 - 150	9	30
Silvex (2,4,5-TP)	0.036	U *	0.0456	0.0589		mg/Kg	☼	129	78 - 150	15	30
Silvex (2,4,5-TP)	0.036	U *	0.0456	0.0720	*	mg/Kg	☼	158	78 - 150	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*172*	*	*41 - 150*
2,4-Dichlorophenylacetic acid	*182*	*	*41 - 150*

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

Lab Sample ID: 460-327070-F-1-A MS
Matrix: Solid
Analysis Batch: 1040422

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.036	U	0.0455	0.0503		mg/Kg	☼	111	69 - 150
2,4,5-T	0.036	U	0.0455	0.0594		mg/Kg	☼	131	69 - 150
2,4-D	0.036	U	0.182	0.190		mg/Kg	☼	104	78 - 150
2,4-D	0.036	U	0.182	0.265		mg/Kg	☼	146	78 - 150
Silvex (2,4,5-TP)	0.036	U *	0.0455	0.0507		mg/Kg	☼	112	78 - 150
Silvex (2,4,5-TP)	0.036	U *	0.0455	0.0653		mg/Kg	☼	144	78 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*148*		*41 - 150*
2,4-Dichlorophenylacetic acid	*161*	*	*41 - 150*

Lab Sample ID: MB 460-1040418/1-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040418

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/30/25 06:13	05/31/25 08:43	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/30/25 06:13	05/31/25 08:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*152*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 08:43*	*1*
2,4-Dichlorophenylacetic acid	*155*	*	*38 - 150*	*05/30/25 06:13*	*05/31/25 08:43*	*1*

Lab Sample ID: LCS 460-1040418/2-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.0417	0.0562		mg/Kg		135	10 - 150
2,4,5-T	0.0417	0.0642	*	mg/Kg		154	10 - 150
2,4-D	0.167	0.205		mg/Kg		123	10 - 150
2,4-D	0.167	0.211		mg/Kg		126	10 - 150
Silvex (2,4,5-TP)	0.0417	0.0582		mg/Kg		140	22 - 150
Silvex (2,4,5-TP)	0.0417	0.0662	*	mg/Kg		159	22 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*155*	*	*38 - 150*
2,4-Dichlorophenylacetic acid	*158*	*	*38 - 150*

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

Lab Sample ID: LCSD 460-1040418/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040694
Prep Batch: 1040418

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T			0.0417	0.0726	*	mg/Kg		174	10 - 150	25	30
2,4,5-T			0.0417	0.0806	*	mg/Kg		193	10 - 150	23	30
2,4-D			0.167	0.254	*	mg/Kg		152	10 - 150	21	30
2,4-D			0.167	0.259	*	mg/Kg		156	10 - 150	21	30
Silvex (2,4,5-TP)			0.0417	0.0737	*	mg/Kg		177	22 - 150	24	30
Silvex (2,4,5-TP)			0.0417	0.0797	*	mg/Kg		191	22 - 150	19	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*148*		*38 - 150*
2,4-Dichlorophenylacetic acid	*150*		*38 - 150*

Lab Sample ID: 460-327048-8 MS
Client Sample ID: B1_5-10_20250519
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040694
Prep Batch: 1040418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.035	U *	0.0436	0.0460		mg/Kg	☼	106	10 - 150
2,4,5-T	0.035	U *	0.0436	0.0534		mg/Kg	☼	123	10 - 150
2,4-D	0.035	U *	0.174	0.182		mg/Kg	☼	104	10 - 150
2,4-D	0.035	U *	0.174	0.183		mg/Kg	☼	105	10 - 150
Silvex (2,4,5-TP)	0.035	U *	0.0436	0.0479		mg/Kg	☼	110	22 - 150
Silvex (2,4,5-TP)	0.035	U *	0.0436	0.0512		mg/Kg	☼	118	22 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*143*		*38 - 150*
2,4-Dichlorophenylacetic acid	*162*	*	*38 - 150*

Lab Sample ID: 460-327048-8 MSD
Client Sample ID: B1_5-10_20250519
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 1040694
Prep Batch: 1040418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.035	U *	0.0436	0.0476		mg/Kg	☼	109	10 - 150	3	30
2,4,5-T	0.035	U *	0.0436	0.0552		mg/Kg	☼	127	10 - 150	3	30
2,4-D	0.035	U *	0.174	0.178		mg/Kg	☼	102	10 - 150	2	30
2,4-D	0.035	U *	0.174	0.194		mg/Kg	☼	111	10 - 150	6	30
Silvex (2,4,5-TP)	0.035	U *	0.0436	0.0477		mg/Kg	☼	109	22 - 150	0	30
Silvex (2,4,5-TP)	0.035	U *	0.0436	0.0569		mg/Kg	☼	130	22 - 150	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*140*		*38 - 150*
2,4-Dichlorophenylacetic acid	*159*	*	*38 - 150*

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

Lab Sample ID: MB 460-1040667/1-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
2,4,5-T	0.033	U	0.033	0.0071	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
2,4-D	0.033	U	0.033	0.012	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/31/25 04:52	05/31/25 22:36	1
Silvex (2,4,5-TP)	0.033	U	0.033	0.0035	mg/Kg		05/31/25 04:52	05/31/25 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*87*		*41 - 150*	*05/31/25 04:52*	*05/31/25 22:36*	*1*
2,4-Dichlorophenylacetic acid	*90*		*41 - 150*	*05/31/25 04:52*	*05/31/25 22:36*	*1*

Lab Sample ID: LCS 460-1040667/2-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.0417	0.0520		mg/Kg		125	69 - 150
2,4,5-T	0.0417	0.0718	*	mg/Kg		172	69 - 150
2,4-D	0.167	0.157		mg/Kg		94	78 - 150
2,4-D	0.167	0.161		mg/Kg		96	78 - 150
Silvex (2,4,5-TP)	0.0417	0.0427		mg/Kg		102	78 - 150
Silvex (2,4,5-TP)	0.0417	0.0486		mg/Kg		117	78 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*95*		*41 - 150*
2,4-Dichlorophenylacetic acid	*98*		*41 - 150*

Lab Sample ID: LCSD 460-1040667/3-A
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.0417	0.0552		mg/Kg		133	69 - 150	6	30
2,4,5-T	0.0417	0.0701	*	mg/Kg		168	69 - 150	2	30
2,4-D	0.167	0.155		mg/Kg		93	78 - 150	1	30
2,4-D	0.167	0.155		mg/Kg		93	78 - 150	4	30
Silvex (2,4,5-TP)	0.0417	0.0424		mg/Kg		102	78 - 150	1	30
Silvex (2,4,5-TP)	0.0417	0.0456		mg/Kg		110	78 - 150	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*78*		*41 - 150*
2,4-Dichlorophenylacetic acid	*80*		*41 - 150*

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

Lab Sample ID: 460-327159-E-4-D MS
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	0.040	U *	0.0505	0.0641		mg/Kg	☼	127	69 - 150
2,4,5-T	0.040	U *	0.0505	0.0729		mg/Kg	☼	144	69 - 150
2,4-D	0.040	U	0.202	0.231		mg/Kg	☼	114	78 - 150
2,4-D	0.040	U	0.202	0.242		mg/Kg	☼	120	78 - 150
Silvex (2,4,5-TP)	0.040	U	0.0505	0.0646		mg/Kg	☼	128	78 - 150
Silvex (2,4,5-TP)	0.040	U	0.0505	0.0750		mg/Kg	☼	149	78 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*109*		*41 - 150*
2,4-Dichlorophenylacetic acid	*112*		*41 - 150*

Lab Sample ID: 460-327159-E-4-E MSD
Matrix: Solid
Analysis Batch: 1040694

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	0.040	U *	0.0505	0.0638		mg/Kg	☼	126	69 - 150	0	30
2,4,5-T	0.040	U *	0.0505	0.0710		mg/Kg	☼	140	69 - 150	3	30
2,4-D	0.040	U	0.202	0.230		mg/Kg	☼	114	78 - 150	0	30
2,4-D	0.040	U	0.202	0.239		mg/Kg	☼	118	78 - 150	1	30
Silvex (2,4,5-TP)	0.040	U	0.0505	0.0640		mg/Kg	☼	127	78 - 150	1	30
Silvex (2,4,5-TP)	0.040	U	0.0505	0.0748		mg/Kg	☼	148	78 - 150	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*114*		*41 - 150*
2,4-Dichlorophenylacetic acid	*117*		*41 - 150*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons

Lab Sample ID: MB 460-1039957/1-A
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039957

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/28/25 09:28	05/28/25 19:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*40 - 140*	*05/28/25 09:28*	*05/28/25 19:02*	*1*
1-Chlorooctadecane	*128*		*40 - 140*	*05/28/25 09:28*	*05/28/25 19:02*	*1*

Lab Sample ID: LCS 460-1039957/2-A
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039957

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total EPH (C9-C40)	133	154		mg/Kg		116	40 - 140

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCS 460-1039957/2-A
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039957

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	114		40 - 140
1-Chlorooctadecane	174	*	40 - 140

Lab Sample ID: LCSD 460-1039957/3-A
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1039957

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	154		mg/Kg		116	40 - 140	0	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	114		40 - 140
1-Chlorooctadecane	173	*	40 - 140

Lab Sample ID: 460-326800-B-7-D MS
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039957

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total EPH (C9-C40)	14	U	135	175		mg/Kg	☼	130	40 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	78		40 - 140
1-Chlorooctadecane	92		40 - 140

Lab Sample ID: 460-326800-B-7-E MSD
Matrix: Solid
Analysis Batch: 1039829

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1039957

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	14	U	135	189		mg/Kg	☼	140	40 - 140	7	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	90		40 - 140
1-Chlorooctadecane	100		40 - 140

Lab Sample ID: MB 460-1040333/1-A
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040333

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/29/25 18:38	05/30/25 09:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	112		40 - 140	05/29/25 18:38	05/30/25 09:49	1
1-Chlorooctadecane	96		40 - 140	05/29/25 18:38	05/30/25 09:49	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: LCS 460-1040333/2-A
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040333

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)			133	149		mg/Kg		111	40 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*115*		*40 - 140*
1-Chlorooctadecane	*125*		*40 - 140*

Lab Sample ID: LCSD 460-1040333/3-A
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040333

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	151		mg/Kg		113	40 - 140	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*117*		*40 - 140*
1-Chlorooctadecane	*134*		*40 - 140*

Lab Sample ID: 460-326843-A-6-G MS
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040333

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)	15	U	142	255	*	mg/Kg	☼	179	40 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*106*		*40 - 140*
1-Chlorooctadecane	*109*		*40 - 140*

Lab Sample ID: 460-326843-A-6-H MSD
Matrix: Solid
Analysis Batch: 1040461

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040333

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	15	U	142	258	*	mg/Kg	☼	182	40 - 140	1	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*109*		*40 - 140*
1-Chlorooctadecane	*112*		*40 - 140*

Lab Sample ID: MB 460-1040490/1-A
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040490

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/30/25 09:49	05/30/25 20:18	1

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: MB 460-1040490/1-A
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040490

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		40 - 140	05/30/25 09:49	05/30/25 20:18	1
1-Chlorooctadecane	113		40 - 140	05/30/25 09:49	05/30/25 20:18	1

Lab Sample ID: LCS 460-1040490/2-A
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040490

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)			133	131		mg/Kg		98	40 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	101		40 - 140
1-Chlorooctadecane	150	*	40 - 140

Lab Sample ID: LCSD 460-1040490/3-A
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040490

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	133		mg/Kg		99	40 - 140	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	108		40 - 140
1-Chlorooctadecane	159	*	40 - 140

Lab Sample ID: 460-326691-16 MS
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)	51		144	199		mg/Kg	☼	103	40 - 140		

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	85		40 - 140
1-Chlorooctadecane	90		40 - 140

Lab Sample ID: 460-326691-16 MSD
Matrix: Solid
Analysis Batch: 1040626

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	51		144	208		mg/Kg	☼	109	40 - 140	5	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	85		40 - 140
1-Chlorooctadecane	108		40 - 140

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: MB 460-1040491/1-A
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040491

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/30/25 09:58	05/30/25 20:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*40 - 140*	*05/30/25 09:58*	*05/30/25 20:18*	*1*
1-Chlorooctadecane	*101*		*40 - 140*	*05/30/25 09:58*	*05/30/25 20:18*	*1*

Lab Sample ID: LCS 460-1040491/2-A
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040491

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)			133	141		mg/Kg		106	40 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*108*		*40 - 140*
1-Chlorooctadecane	*136*		*40 - 140*

Lab Sample ID: LCSD 460-1040491/3-A
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040491

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	150		mg/Kg		112	40 - 140	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*123*		*40 - 140*
1-Chlorooctadecane	*152*	*	*40 - 140*

Lab Sample ID: 460-327010-A-1-A MS
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)	16	U	149	211	*	mg/Kg	☼	142	40 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*87*		*40 - 140*
1-Chlorooctadecane	*90*		*40 - 140*

Lab Sample ID: 460-327010-A-1-B MSD
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	16	U	149	173		mg/Kg	☼	116	40 - 140	20	25

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 460-327010-A-1-B MSD
Matrix: Solid
Analysis Batch: 1040627

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040491

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*70*		*40 - 140*
1-Chlorooctadecane	*73*		*40 - 140*

Lab Sample ID: MB 460-1040675/1-A
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040675

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total EPH (C9-C40)	14	U	14	14	mg/Kg		05/31/25 05:56	06/02/25 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*40 - 140*	*05/31/25 05:56*	*06/02/25 11:34*	*1*
1-Chlorooctadecane	*122*		*40 - 140*	*05/31/25 05:56*	*06/02/25 11:34*	*1*

Lab Sample ID: LCS 460-1040675/2-A
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040675

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)			133	124		mg/Kg		93	40 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*99*		*40 - 140*
1-Chlorooctadecane	*149*	*	*40 - 140*

Lab Sample ID: LCSD 460-1040675/3-A
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1040675

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)			133	137		mg/Kg		102	40 - 140	10	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*107*		*40 - 140*
1-Chlorooctadecane	*162*	*	*40 - 140*

Lab Sample ID: 460-327156-A-30-B MS
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040675

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total EPH (C9-C40)	15		137	244	*	mg/Kg	☼	168	40 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*87*		*40 - 140*
1-Chlorooctadecane	*93*		*40 - 140*

Method: NJDEP EPH - New Jersey Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 460-327156-A-30-C MSD
Matrix: Solid
Analysis Batch: 1040939

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total EPH (C9-C40)	15		137	266	*	mg/Kg	☼	184	40 - 140	9	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*104*		*40 - 140*
1-Chlorooctadecane	*112*		*40 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1039885/1-A
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Boron	40.0	U	40.0	2.2	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Calcium	100	U	100	9.7	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Magnesium	100	U	100	10.2	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Potassium	100	U	100	16.2	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Sodium	100	U	100	45.7	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Tin	8.0	U	8.0	1.2	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/28/25 06:24	05/28/25 12:24	1
Zinc	8.0	U	8.0	1.1	mg/Kg		05/28/25 06:24	05/28/25 12:24	1

Lab Sample ID: LCSSRM 460-1039885/2-A ^3
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6474		mg/Kg		94.7	53.2 - 146.2
Antimony	131	74.87		mg/Kg		57.2	4.5 - 195.4
Arsenic	192	209.4		mg/Kg		109.1	81.3 - 118.8

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

Lab Sample ID: LCSSRM 460-1039885/2-A ^3
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Barium	219	214.7		mg/Kg		98.0	81.7 - 118.3
Beryllium	146	148.2		mg/Kg		101.5	82.2 - 117.8
Boron	175	175.0		mg/Kg		100	68.0 - 132.0
Cadmium	114	125.5		mg/Kg		110.1	81.7 - 118.4
Calcium	4080	4256		mg/Kg		104.3	82.4 - 117.6
Chromium	153	169.5		mg/Kg		110.8	81.0 - 119.0
Cobalt	231	259.7		mg/Kg		112.4	83.1 - 117.3
Copper	91.2	100.7		mg/Kg		110.4	83.1 - 117.3
Iron	7020	6471		mg/Kg		92.2	60.7 - 139.2
Lead	141	144.2		mg/Kg		102.3	81.6 - 118.4
Magnesium	1900	2013		mg/Kg		106.0	76.3 - 123.7
Manganese	401	435.4		mg/Kg		108.6	80.8 - 119.0
Nickel	143	166.5		mg/Kg		116.5	81.8 - 118.9
Potassium	1760	1731		mg/Kg		98.4	72.2 - 127.8
Selenium	94.7	105.0		mg/Kg		110.9	78.5 - 121.4
Silver	77.0	82.76		mg/Kg		107.5	79.4 - 120.6
Sodium	661	791.0		mg/Kg		119.7	73.7 - 126.2
Thallium	183	196.1		mg/Kg		107.2	80.3 - 119.7
Tin	99.0	102.6		mg/Kg		103.6	78.0 - 122.2
Vanadium	159	168.9		mg/Kg		106.3	78.6 - 122.0
Zinc	292	331.4		mg/Kg		113.5	79.8 - 120.2

Lab Sample ID: 460-326658-E-2-H MS
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1160		505	2369	N	mg/Kg	☼	239	75 - 125
Antimony	1.0	U	5.05	3.43	N	mg/Kg	☼	68	75 - 125
Arsenic	0.59	J	10.1	8.92		mg/Kg	☼	82	75 - 125
Barium	1.9	J	10.1	11.59		mg/Kg	☼	96	75 - 125
Beryllium	0.044	J	5.05	4.28		mg/Kg	☼	84	75 - 125
Boron	40.4	U	101	86.41		mg/Kg	☼	86	75 - 125

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

Lab Sample ID: 460-326658-E-2-H MS
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	1.0	U	5.05	4.44		mg/Kg	☼	88	75 - 125
Calcium	126		505	616.8		mg/Kg	☼	97	75 - 125
Chromium	3.7		10.1	12.59		mg/Kg	☼	88	75 - 125
Cobalt	2.0	U	5.05	4.66		mg/Kg	☼	92	75 - 125
Copper	0.91	J	10.1	10.26		mg/Kg	☼	93	75 - 125
Iron	2160		505	2454	4	mg/Kg	☼	58	75 - 125
Lead	0.97		5.05	5.82		mg/Kg	☼	96	75 - 125
Magnesium	35.9	J	505	532.6		mg/Kg	☼	98	75 - 125
Manganese	1.2	J	50.5	46.09		mg/Kg	☼	89	75 - 125
Nickel	0.34	J	10.1	9.54		mg/Kg	☼	91	75 - 125
Potassium	45.3	J	505	500.5		mg/Kg	☼	90	75 - 125
Selenium	1.3	U	10.1	8.78		mg/Kg	☼	87	75 - 125
Silver	0.40	U	5.05	4.63		mg/Kg	☼	92	75 - 125
Sodium	101	U	505	490.4		mg/Kg	☼	97	75 - 125
Thallium	0.40	U	4.04	3.53		mg/Kg	☼	87	75 - 125
Tin	1.2	J	10.1	9.96		mg/Kg	☼	99	75 - 125
Vanadium	3.2		10.1	12.91		mg/Kg	☼	96	75 - 125
Zinc	5.0	J	50.5	52.44		mg/Kg	☼	94	75 - 125

Lab Sample ID: 460-326658-E-2-G DU
Matrix: Solid
Analysis Batch: 1040024

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1039885

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	1160		1135		mg/Kg	☼	2	20
Antimony	1.0	U	1.0	U	mg/Kg	☼	NC	20
Arsenic	0.59	J	0.534	J	mg/Kg	☼	11	20
Barium	1.9	J	1.99	J	mg/Kg	☼	6	20
Beryllium	0.044	J	0.0332	J	mg/Kg	☼	29	20
Boron	40.4	U	40.4	U	mg/Kg	☼	NC	20
Cadmium	1.0	U	1.0	U	mg/Kg	☼	NC	20
Calcium	126		141.7		mg/Kg	☼	12	20
Chromium	3.7		2.74		mg/Kg	☼	31	20
Cobalt	2.0	U	2.0	U	mg/Kg	☼	NC	20
Copper	0.91	J	0.873	J	mg/Kg	☼	4	20
Iron	2160		1563	*	mg/Kg	☼	32	20
Lead	0.97		0.902		mg/Kg	☼	7	20
Magnesium	35.9	J	36.61	J	mg/Kg	☼	2	20
Manganese	1.2	J	1.46	J	mg/Kg	☼	17	20
Nickel	0.34	J	0.362	J	mg/Kg	☼	5	20
Potassium	45.3	J	33.23	J	mg/Kg	☼	31	20
Selenium	1.3	U	1.3	U	mg/Kg	☼	NC	20
Silver	0.40	U	0.40	U	mg/Kg	☼	NC	20
Sodium	101	U	101	U	mg/Kg	☼	NC	20
Thallium	0.40	U	0.40	U	mg/Kg	☼	NC	20
Tin	1.2	J	1.20	J	mg/Kg	☼	0.9	20
Vanadium	3.2		2.97		mg/Kg	☼	8	20
Zinc	5.0	J	5.40	J	mg/Kg	☼	8	20

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

Lab Sample ID: MB 460-1040262/1-A
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		05/29/25 12:46	05/29/25 16:54	1
Barium	4.0	U	4.0	0.91	ug/L		05/29/25 12:46	05/29/25 16:54	1
Cadmium	0.92	U	0.92	0.29	ug/L		05/29/25 12:46	05/29/25 16:54	1
Chromium	4.0	U	4.0	1.2	ug/L		05/29/25 12:46	05/29/25 16:54	1
Copper	4.0	U	4.0	2.5	ug/L		05/29/25 12:46	05/29/25 16:54	1
Lead	1.2	U	1.2	0.84	ug/L		05/29/25 12:46	05/29/25 16:54	1
Nickel	4.0	U	4.0	0.91	ug/L		05/29/25 12:46	05/29/25 16:54	1
Selenium	2.5	U	2.5	0.59	ug/L		05/29/25 12:46	05/29/25 16:54	1
Silver	2.0	U	2.0	0.29	ug/L		05/29/25 12:46	05/29/25 16:54	1
Zinc	16.0	U	16.0	6.5	ug/L		05/29/25 12:46	05/29/25 16:54	1

Lab Sample ID: LCS 460-1040262/2-A ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	4857		ug/L		97	80 - 120
Barium	10000	9767		ug/L		98	80 - 120
Cadmium	1000	939.1		ug/L		94	80 - 120
Chromium	5000	4970		ug/L		99	80 - 120
Copper	1000	970.6		ug/L		97	80 - 120
Lead	5000	4898		ug/L		98	80 - 120
Nickel	1000	949.6		ug/L		95	80 - 120
Selenium	1000	945.8		ug/L		95	80 - 120
Silver	500	488.6		ug/L		98	80 - 120
Zinc	1000	905.6		ug/L		91	80 - 120

Lab Sample ID: MB 460-1040634/1-A
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Boron	40.0	U	40.0	2.2	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Calcium	100	U	100	9.7	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Magnesium	100	U	100	10.2	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Potassium	100	U	100	16.2	mg/Kg		05/30/25 19:35	05/31/25 15:32	1

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

Lab Sample ID: MB 460-1040634/1-A
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	1.3	U	1.3	0.13	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Sodium	100	U	100	45.7	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Tin	8.0	U	8.0	1.2	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/30/25 19:35	05/31/25 15:32	1
Zinc	8.0	U	8.0	1.1	mg/Kg		05/30/25 19:35	05/31/25 15:32	1

Lab Sample ID: LCSSRM 460-1040634/2-A ^3
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5988		mg/Kg		87.5	53.2 - 146.2
Antimony	131	71.30		mg/Kg		54.4	4.5 - 195.4
Arsenic	192	190.4		mg/Kg		99.2	81.3 - 118.8
Barium	219	200.0		mg/Kg		91.3	81.7 - 118.3
Beryllium	146	137.3		mg/Kg		94.0	82.2 - 117.8
Boron	175	162.8		mg/Kg		93.1	68.0 - 132.0
Cadmium	114	112.1		mg/Kg		98.4	81.7 - 118.4
Calcium	4080	4097		mg/Kg		100.4	82.4 - 117.6
Chromium	153	155.6		mg/Kg		101.7	81.0 - 119.0
Cobalt	231	231.4		mg/Kg		100.2	83.1 - 117.3
Copper	91.2	92.73		mg/Kg		101.7	83.1 - 117.3
Iron	7020	6066		mg/Kg		86.4	60.7 - 139.2
Lead	141	136.6		mg/Kg		96.9	81.6 - 118.4
Magnesium	1900	1847		mg/Kg		97.2	76.3 - 123.7
Manganese	401	397.3		mg/Kg		99.1	80.8 - 119.0
Nickel	143	150.7		mg/Kg		105.4	81.8 - 118.9
Potassium	1760	1619		mg/Kg		92.0	72.2 - 127.8
Selenium	94.7	96.97		mg/Kg		102.4	78.5 - 121.4
Silver	77.0	76.52		mg/Kg		99.4	79.4 - 120.6
Sodium	661	725.4		mg/Kg		109.7	73.7 - 126.2

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

Lab Sample ID: LCSSRM 460-1040634/2-A ^3
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	183	183.4		mg/Kg		100.2	80.3 - 119.7
Tin	99.0	98.42		mg/Kg		99.4	78.0 - 122.2
Vanadium	159	154.6		mg/Kg		97.3	78.6 - 122.0
Zinc	292	304.2		mg/Kg		104.2	79.8 - 120.2

Lab Sample ID: 460-325348-A-2-H MS
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	13700		407	14920	4	mg/Kg	☼	302	75 - 125
Antimony	0.43	J	4.07	4.17		mg/Kg	☼	92	75 - 125
Arsenic	7.8		8.15	16.26		mg/Kg	☼	104	75 - 125
Barium	38.9		8.15	44.54	4	mg/Kg	☼	69	75 - 125
Beryllium	0.77		4.07	4.77		mg/Kg	☼	98	75 - 125
Boron	60.9		81.5	139.6		mg/Kg	☼	97	75 - 125
Cadmium	0.14	J	4.07	3.92		mg/Kg	☼	93	75 - 125
Calcium	2530		407	3300	4	mg/Kg	☼	189	75 - 125
Chromium	37.5		8.15	47.32	4	mg/Kg	☼	121	75 - 125
Cobalt	4.5		4.07	8.37		mg/Kg	☼	96	75 - 125
Copper	15.6		8.15	22.91		mg/Kg	☼	90	75 - 125
Lead	21.4		4.07	25.71	4	mg/Kg	☼	106	75 - 125
Magnesium	2300		407	2695	4	mg/Kg	☼	98	75 - 125
Manganese	93.1		40.7	133.2		mg/Kg	☼	98	75 - 125
Nickel	9.0		8.15	16.99		mg/Kg	☼	98	75 - 125
Potassium	3130		407	3425	4	mg/Kg	☼	73	75 - 125
Selenium	0.20	J	8.15	7.62		mg/Kg	☼	91	75 - 125
Silver	0.33	U	4.07	3.89		mg/Kg	☼	95	75 - 125
Sodium	257		407	666.6		mg/Kg	☼	101	75 - 125
Thallium	0.047	J	3.26	3.27		mg/Kg	☼	99	75 - 125
Tin	6.6	U	8.15	8.43		mg/Kg	☼	103	75 - 125
Vanadium	43.5		8.15	53.04	4	mg/Kg	☼	117	75 - 125
Zinc	55.6		40.7	91.84		mg/Kg	☼	89	75 - 125

Lab Sample ID: 460-325348-A-2-H MS ^2
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	37300		407	42370	4	mg/Kg	☼	1240	75 - 125

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

Lab Sample ID: 460-325348-A-2-G DU
Matrix: Solid
Analysis Batch: 1040785

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040634

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	13700			14100		mg/Kg	☼			3	20
Antimony	0.43	J		0.404	J	mg/Kg	☼			7	20
Arsenic	7.8			8.61		mg/Kg	☼			10	20
Barium	38.9			38.99		mg/Kg	☼			0.2	20
Beryllium	0.77			0.874		mg/Kg	☼			13	20
Boron	60.9			57.27		mg/Kg	☼			6	20
Cadmium	0.14	J		0.127	J	mg/Kg	☼			7	20
Calcium	2530			4714	*	mg/Kg	☼			60	20
Chromium	37.5			32.05		mg/Kg	☼			16	20
Cobalt	4.5			4.57		mg/Kg	☼			2	20
Copper	15.6			16.30		mg/Kg	☼			4	20
Iron	37300			40100		mg/Kg	☼			7	20
Lead	21.4			23.23		mg/Kg	☼			8	20
Magnesium	2300			2721		mg/Kg	☼			17	20
Manganese	93.1			172.1	*	mg/Kg	☼			60	20
Nickel	9.0			8.95		mg/Kg	☼			0.4	20
Potassium	3130			3103		mg/Kg	☼			0.8	20
Selenium	0.20	J		0.253	J	mg/Kg	☼			23	20
Silver	0.33	U		0.33	U	mg/Kg	☼			NC	20
Sodium	257			261.9		mg/Kg	☼			2	20
Thallium	0.047	J		0.0471	J	mg/Kg	☼			0.6	20
Tin	6.6	U		6.5	U	mg/Kg	☼			NC	20
Vanadium	43.5			43.59		mg/Kg	☼			0.2	20
Zinc	55.6			54.67		mg/Kg	☼			2	20

Lab Sample ID: MB 460-1040636/1-A
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Boron	40.0	U	40.0	2.2	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Calcium	100	U	100	9.7	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Magnesium	100	U	100	10.2	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Potassium	100	U	100	16.2	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/30/25 20:45	05/31/25 11:09	1

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

Lab Sample ID: MB 460-1040636/1-A
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	100	U	100	45.7	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Tin	8.0	U	8.0	1.2	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/30/25 20:45	05/31/25 11:09	1
Zinc	1.83	J	8.0	1.1	mg/Kg		05/30/25 20:45	05/31/25 11:09	1

Lab Sample ID: LCSSRM 460-1040636/2-A ^3
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6263		mg/Kg		91.6	53.2 - 146.2
Antimony	131	74.19		mg/Kg		56.6	4.5 - 195.4
Arsenic	192	197.9		mg/Kg		103.1	81.3 - 118.8
Barium	219	205.9		mg/Kg		94.0	81.7 - 118.3
Beryllium	146	150.6		mg/Kg		103.1	82.2 - 117.8
Boron	175	174.7		mg/Kg		99.8	68.0 - 132.0
Cadmium	114	117.8		mg/Kg		103.4	81.7 - 118.4
Calcium	4080	4286		mg/Kg		105.1	82.4 - 117.6
Chromium	153	163.3		mg/Kg		106.7	81.0 - 119.0
Cobalt	231	249.6		mg/Kg		108.0	83.1 - 117.3
Copper	91.2	97.08		mg/Kg		106.4	83.1 - 117.3
Iron	7020	6304		mg/Kg		89.8	60.7 - 139.2
Lead	141	141.4		mg/Kg		100.3	81.6 - 118.4
Magnesium	1900	1888		mg/Kg		99.4	76.3 - 123.7
Manganese	401	421.8		mg/Kg		105.2	80.8 - 119.0
Nickel	143	158.6		mg/Kg		110.9	81.8 - 118.9
Potassium	1760	1661		mg/Kg		94.4	72.2 - 127.8
Selenium	94.7	100.9		mg/Kg		106.6	78.5 - 121.4
Silver	77.0	79.67		mg/Kg		103.5	79.4 - 120.6
Sodium	661	724.3		mg/Kg		109.6	73.7 - 126.2
Thallium	183	187.3		mg/Kg		102.3	80.3 - 119.7

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

Lab Sample ID: LCSSRM 460-1040636/2-A ^3
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Tin	99.0	103.6		mg/Kg		104.6	78.0 - 122.2
Vanadium	159	160.6		mg/Kg		101.0	78.6 - 122.0
Zinc	292	316.5		mg/Kg		108.4	79.8 - 120.2

Lab Sample ID: 460-327049-A-15-J MS
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10300		436	11840	4	mg/Kg	☼	362	75 - 125
Antimony	0.39	J	4.36	4.35		mg/Kg	☼	91	75 - 125
Arsenic	2.6		8.72	10.02		mg/Kg	☼	85	75 - 125
Barium	69.1		8.72	81.35	4	mg/Kg	☼	140	75 - 125
Beryllium	0.51		4.36	4.74		mg/Kg	☼	97	75 - 125
Boron	3.9	J	87.2	86.74		mg/Kg	☼	95	75 - 125
Cadmium	0.21	J	4.36	4.38		mg/Kg	☼	96	75 - 125
Calcium	25800		436	25040	4	mg/Kg	☼	-181	75 - 125
Chromium	20.0		8.72	28.37		mg/Kg	☼	96	75 - 125
Cobalt	7.9		4.36	11.86		mg/Kg	☼	91	75 - 125
Copper	19.4		8.72	27.82		mg/Kg	☼	97	75 - 125
Iron	17500		436	17880	4	mg/Kg	☼	78	75 - 125
Lead	77.9		4.36	84.75	4	mg/Kg	☼	158	75 - 125
Magnesium	8200		436	8002	4	mg/Kg	☼	-45	75 - 125
Manganese	339		43.6	400.2	4	mg/Kg	☼	139	75 - 125
Nickel	15.9		8.72	24.62		mg/Kg	☼	100	75 - 125
Potassium	1820		436	2367	4	mg/Kg	☼	126	75 - 125
Selenium	1.1	U	8.72	8.03		mg/Kg	☼	92	75 - 125
Silver	0.36	U	4.36	4.18		mg/Kg	☼	96	75 - 125
Sodium	535		436	978.3		mg/Kg	☼	102	75 - 125
Thallium	0.16	J	3.49	3.50		mg/Kg	☼	96	75 - 125
Tin	10.6		8.72	10.22	N	mg/Kg	☼	-4	75 - 125
Vanadium	28.0		8.72	37.76		mg/Kg	☼	112	75 - 125
Zinc	88.4	B	43.6	129.9		mg/Kg	☼	95	75 - 125

Lab Sample ID: 460-327049-A-15-K MSD
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	10300		450	11780	4	mg/Kg	☼	336	75 - 125	1	20
Antimony	0.39	J	4.50	4.61		mg/Kg	☼	94	75 - 125	6	20
Arsenic	2.6		9.00	10.51		mg/Kg	☼	88	75 - 125	5	20
Barium	69.1		9.00	86.35	4	mg/Kg	☼	192	75 - 125	6	20
Beryllium	0.51		4.50	4.95		mg/Kg	☼	99	75 - 125	4	20
Boron	3.9	J	90.0	91.74		mg/Kg	☼	98	75 - 125	6	20
Cadmium	0.21	J	4.50	4.47		mg/Kg	☼	95	75 - 125	2	20
Calcium	25800		450	18290	4 N	mg/Kg	☼	-1675	75 - 125	31	20

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

Lab Sample ID: 460-327049-A-15-K MSD
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	20.0		9.00	29.24		mg/Kg	☼	103	75 - 125	3	20
Cobalt	7.9		4.50	12.09		mg/Kg	☼	93	75 - 125	2	20
Copper	19.4		9.00	30.55		mg/Kg	☼	124	75 - 125	9	20
Iron	17500		450	18900	4	mg/Kg	☼	303	75 - 125	6	20
Lead	77.9		4.50	78.98	4	mg/Kg	☼	25	75 - 125	7	20
Magnesium	8200		450	7212	4	mg/Kg	☼	-219	75 - 125	10	20
Manganese	339		45.0	373.4	4	mg/Kg	☼	75	75 - 125	7	20
Nickel	15.9		9.00	25.32		mg/Kg	☼	105	75 - 125	3	20
Potassium	1820		450	2618	4	mg/Kg	☼	178	75 - 125	10	20
Selenium	1.1	U	9.00	8.71		mg/Kg	☼	97	75 - 125	8	20
Silver	0.36	U	4.50	4.37		mg/Kg	☼	97	75 - 125	4	20
Sodium	535		450	934.2		mg/Kg	☼	89	75 - 125	5	20
Thallium	0.16	J	3.60	3.67		mg/Kg	☼	98	75 - 125	5	20
Tin	10.6		9.00	10.16	N	mg/Kg	☼	-5	75 - 125	1	20
Vanadium	28.0		9.00	38.51		mg/Kg	☼	117	75 - 125	2	20
Zinc	88.4	B	45.0	130.9		mg/Kg	☼	94	75 - 125	1	20

Lab Sample ID: 460-327049-A-15-I DU
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040636

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	10300		10680		mg/Kg	☼	4	20
Antimony	0.39	J	0.301	J	mg/Kg	☼	26	20
Arsenic	2.6		2.39		mg/Kg	☼	8	20
Barium	69.1		74.59		mg/Kg	☼	8	20
Beryllium	0.51		0.527		mg/Kg	☼	3	20
Boron	3.9	J	4.68	J	mg/Kg	☼	18	20
Cadmium	0.21	J	0.229	J	mg/Kg	☼	10	20
Calcium	25800		23640		mg/Kg	☼	9	20
Chromium	20.0		19.54		mg/Kg	☼	2	20
Cobalt	7.9		7.66		mg/Kg	☼	3	20
Copper	19.4		19.89		mg/Kg	☼	3	20
Iron	17500		17700		mg/Kg	☼	0.9	20
Lead	77.9		78.24		mg/Kg	☼	0.5	20
Magnesium	8200		7006		mg/Kg	☼	16	20
Manganese	339		433.3	*	mg/Kg	☼	24	20
Nickel	15.9		16.32		mg/Kg	☼	3	20
Potassium	1820		1941		mg/Kg	☼	7	20
Selenium	1.1	U	1.0	U	mg/Kg	☼	NC	20
Silver	0.36	U	0.34	U	mg/Kg	☼	NC	20
Sodium	535		527.3		mg/Kg	☼	2	20
Thallium	0.16	J	0.161	J	mg/Kg	☼	4	20
Tin	10.6		2.04	J *	mg/Kg	☼	135	20
Vanadium	28.0		29.55		mg/Kg	☼	5	20
Zinc	88.4	B	92.80		mg/Kg	☼	5	20

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

Lab Sample ID: MB 460-1040654/1-A
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Antimony	1.0	U	1.0	0.15	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Boron	40.0	U	40.0	2.2	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Calcium	100	U	100	9.7	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Magnesium	100	U	100	10.2	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Potassium	100	U	100	16.2	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Sodium	100	U	100	45.7	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Tin	8.0	U	8.0	1.2	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/30/25 23:50	05/31/25 15:57	1
Zinc	8.0	U	8.0	1.1	mg/Kg		05/30/25 23:50	05/31/25 15:57	1

Lab Sample ID: LCSSRM 460-1040654/2-A ^3
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6166		mg/Kg		90.2	53.2 - 146.2
Antimony	131	78.52		mg/Kg		59.9	4.5 - 195.4
Arsenic	192	192.9		mg/Kg		100.5	81.3 - 118.8
Barium	219	197.6		mg/Kg		90.2	81.7 - 118.3
Beryllium	146	147.2		mg/Kg		100.8	82.2 - 117.8
Boron	175	172.9		mg/Kg		98.8	68.0 - 132.0
Cadmium	114	112.3		mg/Kg		98.5	81.7 - 118.4
Calcium	4080	4152		mg/Kg		101.8	82.4 - 117.6
Chromium	153	157.3		mg/Kg		102.8	81.0 - 119.0
Cobalt	231	236.4		mg/Kg		102.3	83.1 - 117.3

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

Lab Sample ID: LCSSRM 460-1040654/2-A ^3
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Copper	91.2	91.79		mg/Kg		100.7	83.1 - 117.3
Iron	7020	6375		mg/Kg		90.8	60.7 - 139.2
Lead	141	135.7		mg/Kg		96.3	81.6 - 118.4
Magnesium	1900	1822		mg/Kg		95.9	76.3 - 123.7
Manganese	401	404.0		mg/Kg		100.8	80.8 - 119.0
Nickel	143	148.3		mg/Kg		103.7	81.8 - 118.9
Potassium	1760	1648		mg/Kg		93.7	72.2 - 127.8
Selenium	94.7	98.70		mg/Kg		104.2	78.5 - 121.4
Silver	77.0	75.10		mg/Kg		97.5	79.4 - 120.6
Sodium	661	692.4		mg/Kg		104.7	73.7 - 126.2
Thallium	183	185.2		mg/Kg		101.2	80.3 - 119.7
Tin	99.0	95.90		mg/Kg		96.9	78.0 - 122.2
Vanadium	159	156.8		mg/Kg		98.6	78.6 - 122.0
Zinc	292	301.2		mg/Kg		103.1	79.8 - 120.2

Lab Sample ID: 460-327094-A-4-D MS
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	933		431	1573	N	mg/Kg	☼	148	75 - 125
Antimony	0.85	U	4.31	4.05		mg/Kg	☼	94	75 - 125
Arsenic	0.93		8.62	8.88		mg/Kg	☼	92	75 - 125
Barium	5.6		8.62	13.82		mg/Kg	☼	96	75 - 125
Beryllium	0.067	J	4.31	4.17		mg/Kg	☼	95	75 - 125
Boron	33.9	U	86.2	81.36		mg/Kg	☼	94	75 - 125
Cadmium	0.85	U	4.31	3.99		mg/Kg	☼	93	75 - 125
Calcium	72.6	J	431	495.6		mg/Kg	☼	98	75 - 125
Chromium	5.4		8.62	13.04		mg/Kg	☼	88	75 - 125
Cobalt	0.29	J	4.31	4.54		mg/Kg	☼	99	75 - 125
Copper	2.5		8.62	10.10		mg/Kg	☼	88	75 - 125
Iron	2030		431	2527	4	mg/Kg	☼	116	75 - 125
Lead	1.3		4.31	5.68		mg/Kg	☼	101	75 - 125
Magnesium	90.3		431	542.3		mg/Kg	☼	105	75 - 125
Manganese	10.1		43.1	53.07		mg/Kg	☼	100	75 - 125
Nickel	0.77	J	8.62	9.07		mg/Kg	☼	96	75 - 125
Potassium	65.4	J	431	490.3		mg/Kg	☼	99	75 - 125
Selenium	1.1	U	8.62	8.50		mg/Kg	☼	99	75 - 125

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

Lab Sample ID: 460-327094-A-4-D MS
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.34	U	4.31	4.19		mg/Kg	☼	97	75 - 125
Sodium	84.9	U	431	441.0		mg/Kg	☼	102	75 - 125
Thallium	0.34	U	3.45	3.29		mg/Kg	☼	95	75 - 125
Tin	6.8	U	8.62	8.29		mg/Kg	☼	96	75 - 125
Vanadium	3.4		8.62	11.13		mg/Kg	☼	90	75 - 125
Zinc	2.3	J	43.1	44.74		mg/Kg	☼	99	75 - 125

Lab Sample ID: 460-327094-A-4-C DU
Matrix: Solid
Analysis Batch: 1040770

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040654

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	933		1014		mg/Kg	☼	8	20
Antimony	0.85	U	0.89	U	mg/Kg	☼	NC	20
Arsenic	0.93		1.23		mg/Kg	☼	28	20
Barium	5.6		5.92		mg/Kg	☼	6	20
Beryllium	0.067	J	0.0839	J	mg/Kg	☼	22	20
Boron	33.9	U	35.5	U	mg/Kg	☼	NC	20
Cadmium	0.85	U	0.89	U	mg/Kg	☼	NC	20
Calcium	72.6	J	66.32	J	mg/Kg	☼	9	20
Chromium	5.4		3.92		mg/Kg	☼	33	20
Cobalt	0.29	J	0.338	J	mg/Kg	☼	14	20
Copper	2.5		2.20		mg/Kg	☼	12	20
Iron	2030		2550	*	mg/Kg	☼	23	20
Lead	1.3		1.57		mg/Kg	☼	15	20
Magnesium	90.3		97.44		mg/Kg	☼	8	20
Manganese	10.1		12.74		mg/Kg	☼	24	20
Nickel	0.77	J	0.863	J	mg/Kg	☼	11	20
Potassium	65.4	J	83.32	J	mg/Kg	☼	24	20
Selenium	1.1	U	1.1	U	mg/Kg	☼	NC	20
Silver	0.34	U	0.36	U	mg/Kg	☼	NC	20
Sodium	84.9	U	88.8	U	mg/Kg	☼	NC	20
Thallium	0.34	U	0.36	U	mg/Kg	☼	NC	20
Tin	6.8	U	7.1	U	mg/Kg	☼	NC	20
Vanadium	3.4		3.17		mg/Kg	☼	7	20
Zinc	2.3	J	2.65	J	mg/Kg	☼	15	20

Lab Sample ID: MB 460-1040974/1-A
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040974

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		06/02/25 12:34	06/02/25 16:54	1
Barium	4.0	U	4.0	0.91	ug/L		06/02/25 12:34	06/02/25 16:54	1
Cadmium	0.92	U	0.92	0.29	ug/L		06/02/25 12:34	06/02/25 16:54	1
Chromium	4.0	U	4.0	1.2	ug/L		06/02/25 12:34	06/02/25 16:54	1
Copper	4.0	U	4.0	2.5	ug/L		06/02/25 12:34	06/02/25 16:54	1
Lead	1.2	U	1.2	0.84	ug/L		06/02/25 12:34	06/02/25 16:54	1
Nickel	4.0	U	4.0	0.91	ug/L		06/02/25 12:34	06/02/25 16:54	1

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

Lab Sample ID: MB 460-1040974/1-A
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040974

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	2.5	U	2.5	0.59	ug/L		06/02/25 12:34	06/02/25 16:54	1
Silver	2.0	U	2.0	0.29	ug/L		06/02/25 12:34	06/02/25 16:54	1
Zinc	16.0	U	16.0	6.5	ug/L		06/02/25 12:34	06/02/25 16:54	1

Lab Sample ID: LCS 460-1040974/2-A ^10
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040974

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	4700		ug/L		94	80 - 120
Barium	10000	8627		ug/L		86	80 - 120
Cadmium	1000	897.3		ug/L		90	80 - 120
Chromium	5000	4722		ug/L		94	80 - 120
Copper	1000	943.2		ug/L		94	80 - 120
Lead	5000	4554		ug/L		91	80 - 120
Nickel	1000	919.7		ug/L		92	80 - 120
Selenium	1000	924.7		ug/L		92	80 - 120
Silver	500	473.3		ug/L		95	80 - 120
Zinc	1000	846.1		ug/L		85	80 - 120

Lab Sample ID: MB 460-1041213/1-A
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		06/03/25 12:40	06/04/25 14:06	1
Barium	4.0	U	4.0	0.91	ug/L		06/03/25 12:40	06/04/25 14:06	1
Cadmium	0.92	U	0.92	0.29	ug/L		06/03/25 12:40	06/04/25 14:06	1
Chromium	4.0	U	4.0	1.2	ug/L		06/03/25 12:40	06/04/25 14:06	1
Copper	4.0	U	4.0	2.5	ug/L		06/03/25 12:40	06/04/25 14:06	1
Lead	1.2	U	1.2	0.84	ug/L		06/03/25 12:40	06/04/25 14:06	1
Nickel	4.0	U	4.0	0.91	ug/L		06/03/25 12:40	06/04/25 14:06	1
Selenium	2.5	U	2.5	0.59	ug/L		06/03/25 12:40	06/04/25 14:06	1
Silver	2.0	U	2.0	0.29	ug/L		06/03/25 12:40	06/04/25 14:06	1
Zinc	16.0	U	16.0	6.5	ug/L		06/03/25 12:40	06/04/25 14:06	1

Lab Sample ID: LCS 460-1041213/2-A ^10
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5000	5031		ug/L		101	80 - 120
Barium	10000	9597		ug/L		96	80 - 120
Cadmium	1000	962.0		ug/L		96	80 - 120
Chromium	5000	5144		ug/L		103	80 - 120
Copper	1000	1016		ug/L		102	80 - 120
Lead	5000	4893		ug/L		98	80 - 120
Nickel	1000	1000		ug/L		100	80 - 120
Selenium	1000	946.5		ug/L		95	80 - 120

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

Lab Sample ID: LCS 460-1041213/2-A ^10
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	500	505.7		ug/L		101	80 - 120
Zinc	1000	954.4		ug/L		95	80 - 120

Lab Sample ID: LB 460-1040059/1-C ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1040262

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		05/29/25 12:46	05/29/25 18:01	10
Barium	40.0	U	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 18:01	10
Cadmium	9.2	U	9.2	2.9	ug/L		05/29/25 12:46	05/29/25 18:01	10
Chromium	40.0	U	40.0	12.2	ug/L		05/29/25 12:46	05/29/25 18:01	10
Copper	40.0	U	40.0	24.5	ug/L		05/29/25 12:46	05/29/25 18:01	10
Lead	12.0	U	12.0	8.4	ug/L		05/29/25 12:46	05/29/25 18:01	10
Nickel	40.0	U	40.0	9.1	ug/L		05/29/25 12:46	05/29/25 18:01	10
Selenium	25.0	U	25.0	5.9	ug/L		05/29/25 12:46	05/29/25 18:01	10
Silver	20.0	U	20.0	2.9	ug/L		05/29/25 12:46	05/29/25 18:01	10
Zinc	160	U	160	65.2	ug/L		05/29/25 12:46	05/29/25 18:01	10

Lab Sample ID: 460-326739-K-9-F MS ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 1040262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	20.0	U	5000	4822		ug/L		96	75 - 125
Barium	72.8		10000	9789		ug/L		97	75 - 125
Cadmium	9.2	U	1000	923.1		ug/L		92	75 - 125
Chromium	40.0	U	5000	4816		ug/L		96	75 - 125
Copper	40.0	U	1000	947.5		ug/L		95	75 - 125
Lead	12.0	U	5000	4919		ug/L		98	75 - 125
Nickel	40.0	U	1000	936.3		ug/L		94	75 - 125
Selenium	25.0	U	1000	966.3		ug/L		97	75 - 125
Silver	20.0	U	500	479.3		ug/L		96	75 - 125
Zinc	160	U	1000	912.0		ug/L		91	75 - 125

Lab Sample ID: 460-326739-K-9-E DU ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 1040262

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	72.8		71.64		ug/L		2	20
Cadmium	9.2	U	9.2	U	ug/L		NC	20
Chromium	40.0	U	40.0	U	ug/L		NC	20
Copper	40.0	U	40.0	U	ug/L		NC	20
Lead	12.0	U	12.0	U	ug/L		NC	20
Nickel	40.0	U	40.0	U	ug/L		NC	20
Selenium	25.0	U	25.0	U	ug/L		NC	20
Silver	20.0	U	20.0	U	ug/L		NC	20

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

Lab Sample ID: 460-326739-K-9-E DU ^10
Matrix: Solid
Analysis Batch: 1040299

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 1040262

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Zinc	160	U	160	U	ug/L		NC	20

Lab Sample ID: LB 460-1040849/1-B ^10
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1040974

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 18:06	10
Barium	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:06	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 18:06	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 18:06	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 18:06	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 18:06	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:06	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 18:06	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 18:06	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 18:06	10

Lab Sample ID: LB 460-1040850/1-B ^10
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1040974

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.0	U	20.0	8.9	ug/L		06/02/25 12:34	06/02/25 18:03	10
Barium	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:03	10
Cadmium	9.2	U	9.2	2.9	ug/L		06/02/25 12:34	06/02/25 18:03	10
Chromium	40.0	U	40.0	12.2	ug/L		06/02/25 12:34	06/02/25 18:03	10
Copper	40.0	U	40.0	24.5	ug/L		06/02/25 12:34	06/02/25 18:03	10
Lead	12.0	U	12.0	8.4	ug/L		06/02/25 12:34	06/02/25 18:03	10
Nickel	40.0	U	40.0	9.1	ug/L		06/02/25 12:34	06/02/25 18:03	10
Selenium	25.0	U	25.0	5.9	ug/L		06/02/25 12:34	06/02/25 18:03	10
Silver	20.0	U	20.0	2.9	ug/L		06/02/25 12:34	06/02/25 18:03	10
Zinc	160	U	160	65.2	ug/L		06/02/25 12:34	06/02/25 18:03	10

Lab Sample ID: 460-326877-6 MS
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: B3_10-15_20250521
Prep Type: TCLP
Prep Batch: 1040974

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	20.0	U	5000	4784		ug/L		96	75 - 125
Barium	351		10000	9504		ug/L		92	75 - 125
Cadmium	9.2	U	1000	929.5		ug/L		93	75 - 125
Chromium	40.0	U	5000	4827		ug/L		97	75 - 125
Copper	40.0	U	1000	961.2		ug/L		96	75 - 125
Lead	8.5	J	5000	4790		ug/L		96	75 - 125
Nickel	14.0	J	1000	959.5		ug/L		95	75 - 125
Selenium	25.0	U	1000	965.7		ug/L		97	75 - 125
Silver	20.0	U	500	487.6		ug/L		98	75 - 125
Zinc	160	U	1000	955.3		ug/L		96	75 - 125

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

Lab Sample ID: 460-326877-6 DU
Matrix: Solid
Analysis Batch: 1041049

Client Sample ID: B3_10-15_20250521
Prep Type: TCLP
Prep Batch: 1040974

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	351			353.6		ug/L				0.8	20
Cadmium	9.2	U		9.2	U	ug/L				NC	20
Chromium	40.0	U		40.0	U	ug/L				NC	20
Copper	40.0	U		40.0	U	ug/L				NC	20
Lead	8.5	J		12.0	U	ug/L				NC	20
Nickel	14.0	J		12.91	J	ug/L				8	20
Selenium	25.0	U		25.0	U	ug/L				NC	20
Silver	20.0	U		20.0	U	ug/L				NC	20
Zinc	160	U		160	U	ug/L				NC	20

Lab Sample ID: LB 460-1041054/1-C
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041213

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.89	ug/L		06/03/25 12:40	06/04/25 15:14	1
Barium	4.0	U	4.0	0.91	ug/L		06/03/25 12:40	06/04/25 15:14	1
Cadmium	0.92	U	0.92	0.29	ug/L		06/03/25 12:40	06/04/25 15:14	1
Chromium	4.0	U	4.0	1.2	ug/L		06/03/25 12:40	06/04/25 15:14	1
Copper	4.0	U	4.0	2.5	ug/L		06/03/25 12:40	06/04/25 15:14	1
Lead	1.2	U	1.2	0.84	ug/L		06/03/25 12:40	06/04/25 15:14	1
Nickel	4.0	U	4.0	0.91	ug/L		06/03/25 12:40	06/04/25 15:14	1
Selenium	2.5	U	2.5	0.59	ug/L		06/03/25 12:40	06/04/25 15:14	1
Silver	2.0	U	2.0	0.29	ug/L		06/03/25 12:40	06/04/25 15:14	1
Zinc	16.0	U	16.0	6.5	ug/L		06/03/25 12:40	06/04/25 15:14	1

Lab Sample ID: 460-327048-8 MS
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: B1_5-10_20250519
Prep Type: TCLP
Prep Batch: 1041213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	20.0	U	5000	4920		ug/L		98	75 - 125		
Barium	444		10000	9661		ug/L		92	75 - 125		
Cadmium	9.2	U	1000	982.2		ug/L		98	75 - 125		
Chromium	40.0	U	5000	4965		ug/L		99	75 - 125		
Copper	24.7	J	1000	994.4		ug/L		97	75 - 125		
Lead	12.0	U	5000	4898		ug/L		98	75 - 125		
Nickel	32.4	J	1000	994.2		ug/L		96	75 - 125		
Selenium	25.0	U	1000	968.0		ug/L		97	75 - 125		
Silver	20.0	U	500	492.9		ug/L		99	75 - 125		
Zinc	160	U	1000	1012		ug/L		101	75 - 125		

Lab Sample ID: 460-327048-8 DU
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: B1_5-10_20250519
Prep Type: TCLP
Prep Batch: 1041213

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

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

Lab Sample ID: 460-327048-8 DU
Matrix: Solid
Analysis Batch: 1041475

Client Sample ID: B1_5-10_20250519
Prep Type: TCLP
Prep Batch: 1041213

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Barium	444		434.1		ug/L		2	20
Cadmium	9.2	U	9.2	U	ug/L		NC	20
Chromium	40.0	U	40.0	U	ug/L		NC	20
Copper	24.7	J	40.0	U	ug/L		NC	20
Lead	12.0	U	12.0	U	ug/L		NC	20
Nickel	32.4	J	32.36	J	ug/L		0.06	20
Selenium	25.0	U	25.0	U	ug/L		NC	20
Silver	20.0	U	20.0	U	ug/L		NC	20
Zinc	160	U	160	U	ug/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-1040495/13-A
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/30/25 10:12	05/30/25 15:01	1

Lab Sample ID: LCS 460-1040495/14-A
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.19		ug/L		104	80 - 120

Lab Sample ID: MB 460-1041190/1-A
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041190

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 15:13	1

Lab Sample ID: LCS 460-1041190/2-A
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.00		ug/L		100	80 - 120

Lab Sample ID: MB 460-1041430/1-A
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 14:34	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 460-1041430/2-A
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041430

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.97		ug/L		99	80 - 120

Lab Sample ID: LB 460-1040059/1-F
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1040495

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		05/30/25 10:13	05/30/25 16:44	1

Lab Sample ID: 460-326739-K-1-I MS
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 1040495

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	5.00	5.23		ug/L		105	75 - 125

Lab Sample ID: 460-326739-K-1-H DU
Matrix: Solid
Analysis Batch: 1040602

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 1040495

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

Lab Sample ID: LB 460-1040849/1-G
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041190

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:29	06/03/25 16:36	1

Lab Sample ID: LB 460-1040850/1-F
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041190

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 10:48	06/03/25 16:37	1

Lab Sample ID: LB 460-1041054/1-B
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041190

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/03/25 11:26	06/03/25 16:41	1

Lab Sample ID: 460-326691-2 MS
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: B2_5-10_20250520
Prep Type: TCLP
Prep Batch: 1041190

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	5.00	5.17		ug/L		103	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 460-326691-2 DU
Matrix: Solid
Analysis Batch: 1041280

Client Sample ID: B2_5-10_20250520
Prep Type: TCLP
Prep Batch: 1041190

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

Lab Sample ID: LB 460-1040850/1-H
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041430

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:30	1

Lab Sample ID: LB 460-1041054/1-D
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1041430

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		06/04/25 10:18	06/04/25 15:33	1

Lab Sample ID: 460-326870-A-2-G MS
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 1041430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.20	U	5.00	5.04		ug/L		101	75 - 125		

Lab Sample ID: 460-326870-A-2-F DU
Matrix: Solid
Analysis Batch: 1041508

Client Sample ID: Duplicate
Prep Type: TCLP
Prep Batch: 1041430

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 460-1040101/10-A
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/29/25 00:35	05/29/25 03:56	1

Lab Sample ID: LCSSRM 460-1040101/11-A ^40
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040101

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	14.20		mg/Kg		100.7	69.6 - 130.5		

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

Lab Sample ID: 460-326735-E-1-M MS
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040101

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.52		0.0833	0.380	4	mg/Kg	☼	-166	80 - 120

Lab Sample ID: 460-326735-E-1-L DU
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040101

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.52		0.526		mg/Kg	☼	1	20

Lab Sample ID: MB 460-1040102/1-A
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040102

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/29/25 00:54	05/29/25 04:49	1

Lab Sample ID: LCSSRM 460-1040102/2-A ^40
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040102

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	14.69		mg/Kg		104.2	69.6 - 130.5

Lab Sample ID: 460-326806-4 MS
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: B4_15-20_20250522
Prep Type: Total/NA
Prep Batch: 1040102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.019	U	0.0941	0.106		mg/Kg	☼	113	80 - 120

Lab Sample ID: 460-326806-4 DU
Matrix: Solid
Analysis Batch: 1040161

Client Sample ID: B4_15-20_20250522
Prep Type: Total/NA
Prep Batch: 1040102

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.019	U	0.019	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1040378/10-A
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040378

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/30/25 00:43	05/30/25 03:57	1

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

Lab Sample ID: LCSSRM 460-1040378/11-A
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040378

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	10.85		mg/Kg		76.9	69.6 - 130.5		

Lab Sample ID: 460-326691-8 MS
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: A2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.19		0.0816	0.411	N	mg/Kg	☼	272	80 - 120		

Lab Sample ID: 460-326691-8 DU
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: A2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040378

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.19			0.194		mg/Kg	☼			2	20

Lab Sample ID: MB 460-1040379/1-A
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040379

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		05/30/25 01:23	05/30/25 04:49	1

Lab Sample ID: LCSSRM 460-1040379/2-A ^40
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040379

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	12.14		mg/Kg		86.1	69.6 - 130.5		

Lab Sample ID: 460-327049-A-15-F MS
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040379

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.11		0.0846	0.246	N	mg/Kg	☼	166	80 - 120		

Lab Sample ID: 460-327049-A-15-G MSD
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040379

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.11		0.0846	0.261	N	mg/Kg	☼	183	80 - 120	6	20

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

Lab Sample ID: 460-327049-A-15-E DU
Matrix: Solid
Analysis Batch: 1040431

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040379

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.11			0.107		mg/Kg	☼			1	20

Lab Sample ID: MB 460-1040870/1-A
Matrix: Solid
Analysis Batch: 1040960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040870

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/02/25 01:11	06/02/25 05:18	1

Lab Sample ID: LCSSRM 460-1040870/2-A ^40
Matrix: Solid
Analysis Batch: 1040960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040870

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	13.51		mg/Kg		95.8	69.6 - 130.5		

Lab Sample ID: 460-326814-E-1-J MS
Matrix: Solid
Analysis Batch: 1040960

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040870

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.046		0.0753	0.103	N	mg/Kg	☼	77	80 - 120		

Lab Sample ID: 460-326814-E-1-I DU
Matrix: Solid
Analysis Batch: 1040960

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040870

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.046			0.0471		mg/Kg	☼			3	20

Method: 1030 - Ignitability, Solids

Lab Sample ID: 460-326661-D-1 DU
Matrix: Solid
Analysis Batch: 1040031

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

Lab Sample ID: 460-326691-1 DU
Matrix: Solid
Analysis Batch: 1040554

Client Sample ID: B2_0-5_20250520
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: 1030 - Ignitability, Solids (Continued)

Lab Sample ID: 460-326870-A-1 DU
Matrix: Solid
Analysis Batch: 1040554

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

Lab Sample ID: 460-326840-E-2 DU
Matrix: Solid
Analysis Batch: 1041250

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: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-1040450/15-A
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		05/30/25 09:00	05/30/25 12:15	1

Lab Sample ID: LCSI 460-1040450/17-A
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	664.8		mg/Kg		94	80 - 120

Lab Sample ID: LCSSRM 460-1040450/16-A
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	13.77		mg/Kg		92.1	84.2 - 114.5

Lab Sample ID: 460-326953-E-3-T MSS
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.4	U	47.3	40.09		mg/Kg	☼	85	75 - 125

Lab Sample ID: 460-326953-E-3-U MSI
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.4	U	837	769.3		mg/Kg	☼	92	75 - 125

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 460-326953-E-3-S DU
Matrix: Solid
Analysis Batch: 1040508

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040450

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.4	U	2.4	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1040600/15-A
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		05/31/25 07:40	05/31/25 12:00	1

Lab Sample ID: LCSI 460-1040600/17-A
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	689.2		mg/Kg		97	80 - 120

Lab Sample ID: LCSSRM 460-1040600/16-A
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	13.74		mg/Kg		92.0	84.2 - 114.5

Lab Sample ID: 460-326691-16 MSI
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.2	U	764	778.6		mg/Kg	☼	102	75 - 125

Lab Sample ID: 460-326691-16 MSS
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.2	U	43.2	36.78		mg/Kg	☼	85	75 - 125

Lab Sample ID: 460-326691-16 DU
Matrix: Solid
Analysis Batch: 1040730

Client Sample ID: A3_10-15_20250520
Prep Type: Total/NA
Prep Batch: 1040600

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.2	U	2.2	U	mg/Kg	☼	NC	20

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 460-1040756/15-A
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		05/31/25 13:00	06/02/25 12:45	1

Lab Sample ID: LCSI 460-1040756/17-A
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	740.8		mg/Kg		105	80 - 120

Lab Sample ID: LCSSRM 460-1040756/16-A
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	14.45		mg/Kg		96.7	84.2 - 114.5

Lab Sample ID: 460-327048-2 MSI
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: A1_5-10_20250519
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.1	U	742	761.9		mg/Kg	☼	103	75 - 125

Lab Sample ID: 460-327048-2 MSS
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: A1_5-10_20250519
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.1	U	41.9	38.28		mg/Kg	☼	91	75 - 125

Lab Sample ID: 460-327048-2 DU
Matrix: Solid
Analysis Batch: 1040950

Client Sample ID: A1_5-10_20250519
Prep Type: Total/NA
Prep Batch: 1040756

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.1	U	2.1	U	mg/Kg	☼	NC	20

Lab Sample ID: MB 460-1041206/15-B
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		06/03/25 12:00	06/03/25 15:00	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 460-1041206/17-A
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	687.2		mg/Kg		97	80 - 120

Lab Sample ID: 460-326450-A-2-F MSS
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.2	U	43.6	44.06		mg/Kg	☼	101	75 - 125

Lab Sample ID: 460-326450-A-2-G MSI
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.2	U	748	740.2		mg/Kg	☼	99	75 - 125

Lab Sample ID: 460-326450-A-2-E DU
Matrix: Solid
Analysis Batch: 1041226

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1041206

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.2	U	1.16	J	mg/Kg	☼	NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 460-1040356/1-A
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/29/25 20:45	05/30/25 12:45	1

Lab Sample ID: LCSSRM 460-1040356/2-A ^20
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040356

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	62.40		mg/Kg		36.3	14.9 - 114.5

Lab Sample ID: 460-326685-A-6-J MS
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040356

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.23	U	4.56	4.08		mg/Kg	☼	89	19 - 100

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-326685-A-6-K MSD
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040356

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.23	U	4.56	4.11		mg/Kg	☼	90	19 - 100	1	40

Lab Sample ID: MRL 460-1040517/12-A
Matrix: Solid
Analysis Batch: 1040549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040517

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0100		mg/L		100	50 - 150

Lab Sample ID: MB 460-1040629/1-A
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/30/25 19:45	06/01/25 19:01	1

Lab Sample ID: LCSSRM 460-1040629/2-A ^20
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	179	108.5		mg/Kg		60.6	14.9 - 114.5

Lab Sample ID: MRL 460-1040629/38-A
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0110		mg/L		110	50 - 150

Lab Sample ID: 200-78069-B-15-D MS
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.32	U	7.00	5.07		mg/Kg	☼	72	19 - 100

Lab Sample ID: 200-78069-B-15-E MSD
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040629

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.32	U	6.73	5.01		mg/Kg	☼	74	19 - 100	1	40

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MB 460-1040633/1-A
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/30/25 20:54	06/01/25 20:05	1

Lab Sample ID: LCSSRM 460-1040633/2-A ^20
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040633

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	99.36		mg/Kg		57.8	14.9 - 114.5

Lab Sample ID: 460-326877-1 MS
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: A4_0-5_20250521
Prep Type: Total/NA
Prep Batch: 1040633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.14	J	5.21	4.17		mg/Kg	☼	77	19 - 100

Lab Sample ID: 460-326877-1 MSD
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: A4_0-5_20250521
Prep Type: Total/NA
Prep Batch: 1040633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.14	J	4.65	4.25		mg/Kg	☼	89	19 - 100	2	40

Lab Sample ID: MB 460-1040635/1-A
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040635

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		05/30/25 20:58	06/01/25 20:36	1

Lab Sample ID: LCSSRM 460-1040635/2-A ^20
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040635

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	96.00		mg/Kg		55.8	14.9 - 114.5

Lab Sample ID: 460-326691-1 MS
Matrix: Solid
Analysis Batch: 1040866

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA
Prep Batch: 1040635

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.26	U	4.79	3.92		mg/Kg	☼	82	29 - 100

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-326691-1 MSD — **Client Sample ID: B2_0-5_20250520**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040866 — **Prep Batch: 1040635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.26	U	4.79	4.45		mg/Kg	☼	93	29 - 100	13	40

Lab Sample ID: 460-326813-E-1-Q MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040866 — **Prep Batch: 1040635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.22	U	4.18	3.80		mg/Kg	☼	91	19 - 100

Lab Sample ID: 460-326813-E-1-R MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040866 — **Prep Batch: 1040635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.22	U	4.32	4.17		mg/Kg	☼	96	19 - 100	9	40

Lab Sample ID: MRL 460-1041015/38-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041015**

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.00917	J	mg/L		92	50 - 150

Lab Sample ID: MB 460-1041029/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041029**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		06/02/25 18:07	06/02/25 22:10	1

Lab Sample ID: LCSSRM 460-1041029/2-A ^20 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041029**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	97.92		mg/Kg		56.9	14.9 - 114.5

Lab Sample ID: 460-327195-A-1-H MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041029**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.27	U	5.37	0.982	N	mg/Kg	☼	18	19 - 100

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 460-327195-A-1-I MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1041079 — **Prep Batch: 1041029**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.27	U	5.37	0.996		mg/Kg	☼	19	19 - 100	1	40

Method: 9014 - Cyanide, Reactive

Lab Sample ID: MB 460-1040298/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040300 — **Prep Batch: 1040298**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1

Lab Sample ID: LCS 460-1040298/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040300 — **Prep Batch: 1040298**

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

Lab Sample ID: 460-326806-5 DU — **Client Sample ID: B1-B2_20-25_20250522**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040300 — **Prep Batch: 1040298**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	25.0	U	24.9	U	mg/Kg		NC	10

Lab Sample ID: MB 460-1040610/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040615 — **Prep Batch: 1040610**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Lab Sample ID: MB 460-1040610/24-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040615 — **Prep Batch: 1040610**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Lab Sample ID: LCS 460-1040610/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1040615 — **Prep Batch: 1040610**

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

Method: 9014 - Cyanide, Reactive (Continued)

Lab Sample ID: LCS 460-1040610/2-A
Matrix: Solid
Analysis Batch: 1040615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040610

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: 460-326691-2 DU
Matrix: Solid
Analysis Batch: 1040615

Client Sample ID: B2_5-10_20250520
Prep Type: Total/NA
Prep Batch: 1040610

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Reactive	24.9	U		24.9	U	mg/Kg				NC	10

Lab Sample ID: 460-326784-A-3-T DU
Matrix: Solid
Analysis Batch: 1040615

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040610

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Reactive	24.9	U		24.9	U	mg/Kg				NC	10

Lab Sample ID: MB 460-1040995/1-A
Matrix: Solid
Analysis Batch: 1040996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040995

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	25.0	U	25.0	25.0	mg/Kg		06/02/25 09:30	06/02/25 14:15	1

Lab Sample ID: LCS 460-1040995/2-A
Matrix: Solid
Analysis Batch: 1040996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040995

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

Lab Sample ID: 460-326840-A-2-L DU
Matrix: Solid
Analysis Batch: 1040996

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1040995

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Reactive	25.0	U		24.9	U	mg/Kg				NC	10

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 460-1040296/1-A
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: MB 460-1040296/26-A
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/29/25 09:30	05/29/25 14:45	1

Lab Sample ID: LCS 460-1040296/28-A
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	96.6	84.96		mg/Kg		88	

Lab Sample ID: LCSSRM 460-1040296/3-A
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	96.6	92.97		mg/Kg		96.2	50.3 - 139.8

Lab Sample ID: 460-326806-5 MS
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: B1-B2_20-25_20250522
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	20.8		408	300.2	N	mg/Kg		68	79 - 120

Lab Sample ID: 460-326806-5 MSD
Matrix: Solid
Analysis Batch: 1040301

Client Sample ID: B1-B2_20-25_20250522
Prep Type: Total/NA
Prep Batch: 1040296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.8		408	283.9	N	mg/Kg		64	79 - 120	6	11

Lab Sample ID: MB 460-1040607/1-A
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Lab Sample ID: MB 460-1040607/26-A
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		05/30/25 10:00	05/30/25 14:45	1

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: LCS 460-1040607/28-A
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	96.6	84.96		mg/Kg		88	

Lab Sample ID: LCSSRM 460-1040607/3-A
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	96.6	92.97		mg/Kg		96.2	50.3 - 139.8

Lab Sample ID: 460-326691-2 MS
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: B2_5-10_20250520
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	19.9	U	408	268.2		mg/Kg		66	56 - 132

Lab Sample ID: 460-326691-2 MSD
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: B2_5-10_20250520
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	19.9	U	408	252.0		mg/Kg		62	56 - 132	6	11

Lab Sample ID: 460-326784-A-3-Q MS
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	19.9	U	408	275.9	N	mg/Kg		68	79 - 120

Lab Sample ID: 460-326784-A-3-R MSD
Matrix: Solid
Analysis Batch: 1040617

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	19.9	U	408	259.7	N	mg/Kg		64	79 - 120	6	11

Lab Sample ID: MB 460-1040993/1-A
Matrix: Solid
Analysis Batch: 1041000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1040993

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	20.0	U	20.0	20.0	mg/Kg		06/02/25 09:30	06/02/25 14:15	1

Method: 9034 - Sulfide, Reactive (Continued)

Lab Sample ID: LCSSRM 460-1040993/3-A
Matrix: Solid
Analysis Batch: 1041000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1040993

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide, Reactive			96.6	92.97		mg/Kg		96.2	50.3 - 139.8		

Lab Sample ID: 460-326840-A-2-I MS
Matrix: Solid
Analysis Batch: 1041000

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1040993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide, Reactive	20.0	U	408	291.9	N	mg/Kg		72	79 - 120		

Lab Sample ID: 460-326840-A-2-J MSD
Matrix: Solid
Analysis Batch: 1041000

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1040993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide, Reactive	20.0	U	408	276.2	N	mg/Kg		68	79 - 120	6	11

Method: 9045D - pH

Lab Sample ID: LCSSRM 460-1040274/2
Matrix: Solid
Analysis Batch: 1040274

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

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
pH			5.65	5.5		SU		97.7	96.5 - 103.5		
Corrosivity			5.65	5.5		SU		97.7	96.5 - 103.5		

Lab Sample ID: 460-326784-A-1 DU
Matrix: Solid
Analysis Batch: 1040274

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.3		7.4		SU		1	10
Temperature	21.7		21.8		Degrees C		0.5	10
Corrosivity	7.3		7.4		SU		1	10

Lab Sample ID: LCS 460-1040530/27
Matrix: Solid
Analysis Batch: 1040530

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
pH			5.65	5.6		SU		98	95 - 105		
Corrosivity			5.65	5.6		SU		98	95 - 105		

Method: 9045D - pH (Continued)

Lab Sample ID: LCSSRM 460-1040530/2
Matrix: Solid
Analysis Batch: 1040530

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

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
pH			5.65	5.6		SU		98.2	96.5 - 103.5		
Corrosivity			5.65	5.6		SU		98.2	96.5 - 103.5		

Lab Sample ID: 460-326877-7 DU
Matrix: Solid
Analysis Batch: 1040530

Client Sample ID: B3_15-20_20250521
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	10.1	HF		10.1		SU				0.1	10
Temperature	21.8	HF		21.6		Degrees C				0.9	10
Corrosivity	10.1	HF		10.1		SU				0.1	10

Lab Sample ID: 460-327048-1 DU
Matrix: Solid
Analysis Batch: 1040530

Client Sample ID: A1_0-5_20250519
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	9.6	HF		9.6		SU				0	10
Temperature	21.9	HF		21.8		Degrees C				0.5	10
Corrosivity	9.6	HF		9.6		SU				0	10

Lab Sample ID: LCSSRM 460-1041013/2
Matrix: Solid
Analysis Batch: 1041013

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

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
pH			5.65	5.6		SU		98.2	96.5 - 103.5		
Corrosivity			5.65	5.6		SU		98.2	96.5 - 103.5		

Lab Sample ID: 460-327051-A-2 DU
Matrix: Solid
Analysis Batch: 1041013

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.4			7.3		SU				0.3	10
Temperature	22.6			22.6		Degrees C				0	10
Corrosivity	7.4			7.3		SU				0.3	10

Method: 9095B - Paint Filter

Lab Sample ID: 460-327048-2 DU
Matrix: Solid
Analysis Batch: 1040541

Client Sample ID: A1_5-10_20250519
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	0.500	U		0.500	U	mL/100g				NC	10

Method: 9095B - Paint Filter (Continued)

Lab Sample ID: 460-327111-A-4 DU
Matrix: Solid
Analysis Batch: 1041244

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	0.500	U		0.500	U	mL/100g				NC	10

Method: Moisture - Percent Moisture

Lab Sample ID: 460-326785-A-1 DU
Matrix: Solid
Analysis Batch: 1039517

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	28.8			33.1		%				14	20
Percent Solids	71.2			66.9		%				6	20

Lab Sample ID: 460-326772-A-5 DU
Matrix: Solid
Analysis Batch: 1039814

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	15.8			15.6		%				1	20
Percent Solids	84.2			84.4		%				0.2	20

Lab Sample ID: 460-326691-1 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: B2_0-5_20250520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	10.5			6.9	*	%				41	20
Percent Solids	89.5			93.1		%				4	20

Lab Sample ID: 460-326691-2 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: B2_5-10_20250520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	8.8			8.7		%				0.4	20
Percent Solids	91.2			91.3		%				0	20

Lab Sample ID: 460-326691-3 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: B2_10-15_20250520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	8.9			5.0	*	%				56	20
Percent Solids	91.1			95.0		%				4	20

Lab Sample ID: 460-327022-B-3 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	4.0			4.8		%				19	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-327022-B-3 DU
Matrix: Solid
Analysis Batch: 1040350

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	96.0			95.2		%				0.9	20

Lab Sample ID: 460-326877-7 DU
Matrix: Solid
Analysis Batch: 1040453

Client Sample ID: B3_15-20_20250521
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.5			9.9	*	%				28	20
Percent Solids	92.5			90.1		%				3	20

GC/MS Semi VOA

Prep Batch: 1039939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3546	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3546	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3546	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3546	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3546	
MB 460-1039939/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1039939/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1039939/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326803-C-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-326803-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8270E	1039939
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8270E	1039939
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8270E	1039939
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8270E	1039939
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8270E	1039939
MB 460-1039939/1-A	Method Blank	Total/NA	Solid	8270E	1039939
LCS 460-1039939/2-A	Lab Control Sample	Total/NA	Solid	8270E	1039939
LCSD 460-1039939/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1039939
460-326803-C-1-A MS	Matrix Spike	Total/NA	Solid	8270E	1039939
460-326803-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1039939

Prep Batch: 1040352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3546	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3546	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3546	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3546	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3546	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3546	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3546	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3546	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3546	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3546	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3546	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3546	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3546	
MB 460-1040352/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040352/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040352/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326691-16 MS	A3_10-15_20250520	Total/NA	Solid	3546	
460-326691-16 MSD	A3_10-15_20250520	Total/NA	Solid	3546	

Prep Batch: 1040354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3546	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3546	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 1040354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3546	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3546	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3546	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3546	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3546	
MB 460-1040354/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040354/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040354/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327049-A-20-A MS	Matrix Spike	Total/NA	Solid	3546	
460-327049-A-20-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8270E	1040354
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8270E	1040354
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8270E	1040354
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8270E	1040354
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8270E	1040354
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8270E	1040354
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8270E	1040354
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8270E	1040354
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8270E	1040354
MB 460-1040354/1-A	Method Blank	Total/NA	Solid	8270E	1040354
LCS 460-1040354/2-A	Lab Control Sample	Total/NA	Solid	8270E	1040354
LCSD 460-1040354/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1040354
460-327049-A-20-A MS	Matrix Spike	Total/NA	Solid	8270E	1040354
460-327049-A-20-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1040354

Analysis Batch: 1040410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8270E	1040352
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8270E	1040352
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8270E	1040352
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8270E	1040352
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8270E	1040352
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8270E	1040352
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8270E	1040352
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8270E	1040352
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8270E	1040352
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8270E	1040352
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8270E	1040352
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8270E	1040352
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8270E	1040352
MB 460-1040352/1-A	Method Blank	Total/NA	Solid	8270E	1040352
LCS 460-1040352/2-A	Lab Control Sample	Total/NA	Solid	8270E	1040352
LCSD 460-1040352/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1040352
460-326691-16 MS	A3_10-15_20250520	Total/NA	Solid	8270E	1040352
460-326691-16 MSD	A3_10-15_20250520	Total/NA	Solid	8270E	1040352

GC/MS Semi VOA

Prep Batch: 1040640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3546	
MB 460-1040640/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040640/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040640/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327185-A-4-G MS	Matrix Spike	Total/NA	Solid	3546	
460-327185-A-4-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040640/1-A	Method Blank	Total/NA	Solid	8270E	1040640
LCS 460-1040640/2-A	Lab Control Sample	Total/NA	Solid	8270E	1040640
LCSD 460-1040640/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1040640
460-327185-A-4-G MS	Matrix Spike	Total/NA	Solid	8270E	1040640
460-327185-A-4-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1040640

Analysis Batch: 1040833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8270E	1040640

GC VOA

Prep Batch: 1039787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	5035	
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	5035	
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	5035	
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	5035	
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	5035	

Analysis Batch: 1040043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	8015D	1039787
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	8015D	1039787
MB 460-1040043/4	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040043/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040043/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

Analysis Batch: 1040218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	8015D	1039787
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	8015D	1039787
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	8015D	1039787
MB 460-1040218/4	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040218/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040218/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

Analysis Batch: 1040357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	8015D	1040493
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	8015D	1040493
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	8015D	1040493

GC VOA (Continued)

Analysis Batch: 1040357 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	8015D	1040493
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	8015D	1040493
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	8015D	1040493
460-326691-17	A3-1_3-5_20250520	Total/NA	Solid	8015D	1040493
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	8015D	1040493
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	8015D	1040493
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	8015D	1040493
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	8015D	1040493
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	8015D	1040493
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	8015D	1040493
MB 460-1040357/5	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040357/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040357/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

Prep Batch: 1040493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	5035	
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	5035	
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	5035	
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	5035	
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	5035	
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	5035	
460-326691-17	A3-1_3-5_20250520	Total/NA	Solid	5035	
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	5035	
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	5035	
460-326877-3	A4-3_3-5_20250521	Total/NA	Solid	5035	
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	5035	
460-326877-9	B3-4_3-5_20250521	Total/NA	Solid	5035	
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	5035	
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	5035	
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	5035	
460-327048-4	A1_3-5_20250519	Total/NA	Solid	5035	
460-327048-5	A1_8-10_20250519	Total/NA	Solid	5035	
460-327048-6	A1_13-15_20250519	Total/NA	Solid	5035	
460-327048-11	B1_3-5_20250519	Total/NA	Solid	5035	
460-327048-12	B1_5-7_20250519	Total/NA	Solid	5035	
460-327048-13	B1_17-19_20250519	Total/NA	Solid	5035	
460-327048-14	B2_17-19_20250519	Total/NA	Solid	5035	
460-327048-15	B1_13-15_20250519	Total/NA	Solid	5035	

Analysis Batch: 1040505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-4	A1_3-5_20250519	Total/NA	Solid	8015D	1040493
460-327048-5	A1_8-10_20250519	Total/NA	Solid	8015D	1040493
460-327048-6	A1_13-15_20250519	Total/NA	Solid	8015D	1040493
460-327048-11	B1_3-5_20250519	Total/NA	Solid	8015D	1040493
460-327048-12	B1_5-7_20250519	Total/NA	Solid	8015D	1040493
MB 460-1040505/5	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040505/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040505/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

QC Association Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

GC VOA

Analysis Batch: 1040959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-3	A4-3_3-5_20250521	Total/NA	Solid	8015D	1040493
460-326877-9	B3-4_3-5_20250521	Total/NA	Solid	8015D	1040493
460-327048-13	B1_17-19_20250519	Total/NA	Solid	8015D	1040493
460-327048-14	B2_17-19_20250519	Total/NA	Solid	8015D	1040493
460-327048-15	B1_13-15_20250519	Total/NA	Solid	8015D	1040493
MB 460-1040959/5	Method Blank	Total/NA	Solid	8015D	
LCS 460-1040959/2	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 460-1040959/3	Lab Control Sample Dup	Total/NA	Solid	8015D	

GC Semi VOA

Prep Batch: 1039660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8151A	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8151A	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8151A	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8151A	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8151A	
MB 460-1039660/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1039660/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1039660/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-326784-A-2-A MS	Matrix Spike	Total/NA	Solid	8151A	
460-326784-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	

Analysis Batch: 1039829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	NJDEP EPH	1039957
460-326806-2	B4_5-10_20250522	Total/NA	Solid	NJDEP EPH	1039957
460-326806-3	B4_10-15_20250522	Total/NA	Solid	NJDEP EPH	1039957
460-326806-4	B4_15-20_20250522	Total/NA	Solid	NJDEP EPH	1039957
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	NJDEP EPH	1039957
MB 460-1039957/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1039957
LCS 460-1039957/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1039957
LCSD 460-1039957/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1039957
460-326800-B-7-D MS	Matrix Spike	Total/NA	Solid	NJDEP EPH	1039957
460-326800-B-7-E MSD	Matrix Spike Duplicate	Total/NA	Solid	NJDEP EPH	1039957

Analysis Batch: 1039894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8151A	1039660
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8151A	1039660
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8151A	1039660
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8151A	1039660
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8151A	1039660
MB 460-1039660/1-A	Method Blank	Total/NA	Solid	8151A	1039660
LCS 460-1039660/2-A	Lab Control Sample	Total/NA	Solid	8151A	1039660
LCSD 460-1039660/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1039660
460-326784-A-2-A MS	Matrix Spike	Total/NA	Solid	8151A	1039660
460-326784-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	1039660

QC Association Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

GC Semi VOA

Prep Batch: 1039957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3546	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3546	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3546	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3546	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3546	
MB 460-1039957/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1039957/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1039957/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326800-B-7-D MS	Matrix Spike	Total/NA	Solid	3546	
460-326800-B-7-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1039985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3546	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3546	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3546	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3546	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3546	
MB 460-1039985/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1039985/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1039985/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326907-E-1-E MS	Matrix Spike	Total/NA	Solid	3546	
460-326907-E-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1039986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3546	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3546	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3546	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3546	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3546	
MB 460-1039986/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1039986/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1039986/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326907-E-1-H MS	Matrix Spike	Total/NA	Solid	3546	
460-326907-E-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1040060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	3546	
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	3546	
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	3546	
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	3546	
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	3546	
MB 460-1040060/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040060/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040060/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326806-6 MS	B4-1B_3-5_20250522	Total/NA	Solid	3546	
460-326806-6 MSD	B4-1B_3-5_20250522	Total/NA	Solid	3546	

GC Semi VOA

Analysis Batch: 1040105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8081B	1039986
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8081B	1039986
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8081B	1039986
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8081B	1039986
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8081B	1039986
MB 460-1039986/1-A	Method Blank	Total/NA	Solid	8081B	1039986
LCS 460-1039986/2-A	Lab Control Sample	Total/NA	Solid	8081B	1039986
LCSD 460-1039986/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1039986
460-326907-E-1-H MS	Matrix Spike	Total/NA	Solid	8081B	1039986
460-326907-E-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1039986

Analysis Batch: 1040114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	8082A	1039985
460-326806-2	B4_5-10_20250522	Total/NA	Solid	8082A	1039985
460-326806-3	B4_10-15_20250522	Total/NA	Solid	8082A	1039985
460-326806-4	B4_15-20_20250522	Total/NA	Solid	8082A	1039985
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	8082A	1039985
MB 460-1039985/1-A	Method Blank	Total/NA	Solid	8082A	1039985
LCS 460-1039985/2-A	Lab Control Sample	Total/NA	Solid	8082A	1039985
LCSD 460-1039985/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1039985
460-326907-E-1-E MS	Matrix Spike	Total/NA	Solid	8082A	1039985
460-326907-E-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1039985

Prep Batch: 1040333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3546	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3546	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3546	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3546	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3546	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3546	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3546	
MB 460-1040333/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040333/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040333/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326843-A-6-G MS	Matrix Spike	Total/NA	Solid	3546	
460-326843-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040504/1-A	Method Blank	Total/NA	Solid	8081B	1040504
LCS 460-1040504/2-A	Lab Control Sample	Total/NA	Solid	8081B	1040504
LCSD 460-1040504/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1040504
460-327114-A-6-G MS	Matrix Spike	Total/NA	Solid	8081B	1040504
460-327114-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1040504

Prep Batch: 1040404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8151A	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 1040404 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8151A	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8151A	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8151A	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8151A	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8151A	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8151A	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8151A	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8151A	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8151A	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8151A	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8151A	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8151A	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8151A	
MB 460-1040404/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1040404/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1040404/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-327070-E-1-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	
460-327070-F-1-A MS	Matrix Spike	Total/NA	Solid	8151A	

Prep Batch: 1040418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8151A	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8151A	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8151A	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8151A	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8151A	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8151A	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8151A	
MB 460-1040418/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1040418/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1040418/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-327048-8 MS	B1_5-10_20250519	Total/NA	Solid	8151A	
460-327048-8 MSD	B1_5-10_20250519	Total/NA	Solid	8151A	

Analysis Batch: 1040422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8151A	1040404
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8151A	1040404
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8151A	1040404
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8151A	1040404
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8151A	1040404
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8151A	1040404
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8151A	1040404
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8151A	1040404
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8151A	1040404
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8151A	1040404
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8151A	1040404
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8151A	1040404
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8151A	1040404
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8151A	1040404
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8151A	1040404

GC Semi VOA (Continued)

Analysis Batch: 1040422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040404/1-A	Method Blank	Total/NA	Solid	8151A	1040404
LCS 460-1040404/2-A	Lab Control Sample	Total/NA	Solid	8151A	1040404
LCSD 460-1040404/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1040404
460-327070-E-1-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	1040404
460-327070-F-1-A MS	Matrix Spike	Total/NA	Solid	8151A	1040404

Prep Batch: 1040454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	3546	
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	3546	
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	3546	
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	3546	
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	3546	
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	3546	
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	3546	
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	3546	
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	3546	
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	3546	
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	3546	
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	3546	
MB 460-1040454/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040454/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040454/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326691-13 MS	A2-3_8-10_20250520	Total/NA	Solid	3546	
460-326691-13 MSD	A2-3_8-10_20250520	Total/NA	Solid	3546	

Analysis Batch: 1040461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-2	A1_5-10_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-3	A1_10-15_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-7	B1_0-5_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-8	B1_5-10_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-9	B1_10-15_20250519	Total/NA	Solid	NJDEP EPH	1040333
460-327048-10	B1_15-20_20250519	Total/NA	Solid	NJDEP EPH	1040333
MB 460-1040333/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1040333
LCS 460-1040333/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1040333
LCSD 460-1040333/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1040333
460-326843-A-6-G MS	Matrix Spike	Total/NA	Solid	NJDEP EPH	1040333
460-326843-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	NJDEP EPH	1040333

Analysis Batch: 1040467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	8015D	1040454
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	8015D	1040454
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	8015D	1040454
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	8015D	1040454
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	8015D	1040454

GC Semi VOA (Continued)

Analysis Batch: 1040467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	8015D	1040060
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	8015D	1040060
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	8015D	1040060
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	8015D	1040060
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	8015D	1040060
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	8015D	1040454
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	8015D	1040454
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	8015D	1040454
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	8015D	1040454
MB 460-1040060/1-A	Method Blank	Total/NA	Solid	8015D	1040060
MB 460-1040454/1-A	Method Blank	Total/NA	Solid	8015D	1040454
LCS 460-1040060/2-A	Lab Control Sample	Total/NA	Solid	8015D	1040060
LCS 460-1040454/2-A	Lab Control Sample	Total/NA	Solid	8015D	1040454
LCSD 460-1040060/3-A	Lab Control Sample Dup	Total/NA	Solid	8015D	1040060
LCSD 460-1040454/3-A	Lab Control Sample Dup	Total/NA	Solid	8015D	1040454
460-326691-13 MS	A2-3_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326691-13 MSD	A2-3_8-10_20250520	Total/NA	Solid	8015D	1040454
460-326806-6 MS	B4-1B_3-5_20250522	Total/NA	Solid	8015D	1040060
460-326806-6 MSD	B4-1B_3-5_20250522	Total/NA	Solid	8015D	1040060

Prep Batch: 1040490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3546	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3546	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3546	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3546	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3546	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3546	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3546	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3546	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3546	
MB 460-1040490/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040490/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040490/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326691-16 MS	A3_10-15_20250520	Total/NA	Solid	3546	
460-326691-16 MSD	A3_10-15_20250520	Total/NA	Solid	3546	

Prep Batch: 1040491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3546	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3546	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3546	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3546	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3546	
MB 460-1040491/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040491/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040491/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327010-A-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-327010-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

GC Semi VOA

Prep Batch: 1040500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3546	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3546	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3546	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3546	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3546	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3546	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3546	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3546	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3546	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3546	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3546	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3546	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3546	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3546	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3546	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3546	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3546	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3546	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3546	
MB 460-1040500/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040500/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040500/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	3546	

Prep Batch: 1040502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3546	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3546	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3546	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3546	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3546	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3546	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3546	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3546	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3546	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3546	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3546	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3546	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3546	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3546	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3546	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3546	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3546	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3546	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3546	
MB 460-1040502/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040502/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040502/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 1040502 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	3546	
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	3546	

Prep Batch: 1040503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3546	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3546	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3546	
MB 460-1040503/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040503/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040503/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327114-A-6-D MS	Matrix Spike	Total/NA	Solid	3546	
460-327114-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1040504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3546	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3546	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3546	
MB 460-1040504/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040504/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040504/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327114-A-6-G MS	Matrix Spike	Total/NA	Solid	3546	
460-327114-A-6-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8082A	1040503
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8082A	1040503
MB 460-1040503/1-A	Method Blank	Total/NA	Solid	8082A	1040503
LCS 460-1040503/2-A	Lab Control Sample	Total/NA	Solid	8082A	1040503
LCSD 460-1040503/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1040503
460-327114-A-6-D MS	Matrix Spike	Total/NA	Solid	8082A	1040503
460-327114-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1040503

Analysis Batch: 1040621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8082A	1040500
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8082A	1040500
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8082A	1040500
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8082A	1040500
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8082A	1040500
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8082A	1040500
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8082A	1040500
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8082A	1040500
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8082A	1040500
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8082A	1040500
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8082A	1040500
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8082A	1040500
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8082A	1040500
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8082A	1040500

GC Semi VOA (Continued)

Analysis Batch: 1040621 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8082A	1040500
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8082A	1040500
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8082A	1040500
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8082A	1040500
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8082A	1040500
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8082A	1040500
MB 460-1040500/1-A	Method Blank	Total/NA	Solid	8082A	1040500
LCS 460-1040500/2-A	Lab Control Sample	Total/NA	Solid	8082A	1040500
LCSD 460-1040500/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1040500
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	8082A	1040500
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	8082A	1040500

Analysis Batch: 1040626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-2	B2_5-10_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-3	B2_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-4	B2_15-20_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-8	A2_0-5_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-9	A2_5-10_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-10	A2_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-14	A3_0-5_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-15	A3_5-10_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-16	A3_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490
MB 460-1040490/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1040490
LCS 460-1040490/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1040490
LCSD 460-1040490/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1040490
460-326691-16 MS	A3_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490
460-326691-16 MSD	A3_10-15_20250520	Total/NA	Solid	NJDEP EPH	1040490

Analysis Batch: 1040627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	NJDEP EPH	1040491
460-326877-2	A4_5-10_20250521	Total/NA	Solid	NJDEP EPH	1040491
460-326877-6	B3_10-15_20250521	Total/NA	Solid	NJDEP EPH	1040491
460-326877-7	B3_15-20_20250521	Total/NA	Solid	NJDEP EPH	1040491
460-326877-8	B3_5-10_20250521	Total/NA	Solid	NJDEP EPH	1040491
MB 460-1040491/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1040491
LCS 460-1040491/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1040491
LCSD 460-1040491/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1040491
460-327010-A-1-A MS	Matrix Spike	Total/NA	Solid	NJDEP EPH	1040491
460-327010-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	NJDEP EPH	1040491

Prep Batch: 1040667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8151A	
MB 460-1040667/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1040667/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1040667/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
460-327159-E-4-D MS	Matrix Spike	Total/NA	Solid	8151A	
460-327159-E-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	

GC Semi VOA

Prep Batch: 1040675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3546	
MB 460-1040675/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1040675/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1040675/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327156-A-30-B MS	Matrix Spike	Total/NA	Solid	3546	
460-327156-A-30-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1040691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	8081B	1040502
460-326691-2	B2_5-10_20250520	Total/NA	Solid	8081B	1040502
460-326691-3	B2_10-15_20250520	Total/NA	Solid	8081B	1040502
460-326691-4	B2_15-20_20250520	Total/NA	Solid	8081B	1040502
460-326691-8	A2_0-5_20250520	Total/NA	Solid	8081B	1040502
460-326691-9	A2_5-10_20250520	Total/NA	Solid	8081B	1040502
460-326691-10	A2_10-15_20250520	Total/NA	Solid	8081B	1040502
460-326691-14	A3_0-5_20250520	Total/NA	Solid	8081B	1040502
460-326691-15	A3_5-10_20250520	Total/NA	Solid	8081B	1040502
460-326691-16	A3_10-15_20250520	Total/NA	Solid	8081B	1040502
460-326877-1	A4_0-5_20250521	Total/NA	Solid	8081B	1040502
460-326877-2	A4_5-10_20250521	Total/NA	Solid	8081B	1040502
460-326877-6	B3_10-15_20250521	Total/NA	Solid	8081B	1040502
460-326877-7	B3_15-20_20250521	Total/NA	Solid	8081B	1040502
460-326877-8	B3_5-10_20250521	Total/NA	Solid	8081B	1040502
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8081B	1040502
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8081B	1040502
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8081B	1040502
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8081B	1040502
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8081B	1040502
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8081B	1040504
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8081B	1040504
MB 460-1040502/1-A	Method Blank	Total/NA	Solid	8081B	1040502
LCS 460-1040502/2-A	Lab Control Sample	Total/NA	Solid	8081B	1040502
LCSD 460-1040502/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1040502
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	8081B	1040502
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	8081B	1040502

Analysis Batch: 1040694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8151A	1040667
460-327048-1	A1_0-5_20250519	Total/NA	Solid	8151A	1040418
460-327048-2	A1_5-10_20250519	Total/NA	Solid	8151A	1040418
460-327048-3	A1_10-15_20250519	Total/NA	Solid	8151A	1040418
460-327048-7	B1_0-5_20250519	Total/NA	Solid	8151A	1040418
460-327048-8	B1_5-10_20250519	Total/NA	Solid	8151A	1040418
460-327048-9	B1_10-15_20250519	Total/NA	Solid	8151A	1040418
460-327048-10	B1_15-20_20250519	Total/NA	Solid	8151A	1040418
MB 460-1040418/1-A	Method Blank	Total/NA	Solid	8151A	1040418
MB 460-1040667/1-A	Method Blank	Total/NA	Solid	8151A	1040667
LCS 460-1040418/2-A	Lab Control Sample	Total/NA	Solid	8151A	1040418
LCS 460-1040667/2-A	Lab Control Sample	Total/NA	Solid	8151A	1040667

GC Semi VOA (Continued)

Analysis Batch: 1040694 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-1040418/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1040418
LCSD 460-1040667/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1040667
460-327048-8 MS	B1_5-10_20250519	Total/NA	Solid	8151A	1040418
460-327048-8 MSD	B1_5-10_20250519	Total/NA	Solid	8151A	1040418
460-327159-E-4-D MS	Matrix Spike	Total/NA	Solid	8151A	1040667
460-327159-E-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	1040667

Analysis Batch: 1040876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8081B	1040504

Analysis Batch: 1040886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	8082A	1040503

Analysis Batch: 1040939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	NJDEP EPH	1040675
MB 460-1040675/1-A	Method Blank	Total/NA	Solid	NJDEP EPH	1040675
LCS 460-1040675/2-A	Lab Control Sample	Total/NA	Solid	NJDEP EPH	1040675
LCSD 460-1040675/3-A	Lab Control Sample Dup	Total/NA	Solid	NJDEP EPH	1040675
460-327156-A-30-B MS	Matrix Spike	Total/NA	Solid	NJDEP EPH	1040675
460-327156-A-30-C MSD	Matrix Spike Duplicate	Total/NA	Solid	NJDEP EPH	1040675

Metals

Prep Batch: 1039885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3050B	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3050B	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3050B	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3050B	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3050B	
MB 460-1039885/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1039885/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-326658-E-2-H MS	Matrix Spike	Total/NA	Solid	3050B	
460-326658-E-2-G DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1039995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	6020B	1039885
460-326806-2	B4_5-10_20250522	Total/NA	Solid	6020B	1039885
460-326806-3	B4_10-15_20250522	Total/NA	Solid	6020B	1039885
460-326806-4	B4_15-20_20250522	Total/NA	Solid	6020B	1039885
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	6020B	1039885

Analysis Batch: 1040024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1039885/1-A	Method Blank	Total/NA	Solid	6020B	1039885
LCSSRM 460-1039885/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1039885
460-326658-E-2-H MS	Matrix Spike	Total/NA	Solid	6020B	1039885

Metals (Continued)

Analysis Batch: 1040024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326658-E-2-G DU	Duplicate	Total/NA	Solid	6020B	1039885

Leach Batch: 1040059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	1311	
460-326806-2	B4_5-10_20250522	TCLP	Solid	1311	
460-326806-3	B4_10-15_20250522	TCLP	Solid	1311	
460-326806-4	B4_15-20_20250522	TCLP	Solid	1311	
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	1311	
LB 460-1040059/1-C ^10	Method Blank	TCLP	Solid	1311	
LB 460-1040059/1-F	Method Blank	TCLP	Solid	1311	
460-326739-K-1-I MS	Matrix Spike	TCLP	Solid	1311	
460-326739-K-9-F MS ^10	Matrix Spike	TCLP	Solid	1311	
460-326739-K-1-H DU	Duplicate	TCLP	Solid	1311	
460-326739-K-9-E DU ^10	Duplicate	TCLP	Solid	1311	

Prep Batch: 1040101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7471B	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7471B	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7471B	
MB 460-1040101/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040101/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-326735-E-1-M MS	Matrix Spike	Total/NA	Solid	7471B	
460-326735-E-1-L DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1040102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7471B	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7471B	
MB 460-1040102/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040102/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-326806-4 MS	B4_15-20_20250522	Total/NA	Solid	7471B	
460-326806-4 DU	B4_15-20_20250522	Total/NA	Solid	7471B	

Analysis Batch: 1040161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7471B	1040101
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7471B	1040101
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7471B	1040101
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7471B	1040102
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7471B	1040102
MB 460-1040101/10-A	Method Blank	Total/NA	Solid	7471B	1040101
MB 460-1040102/1-A	Method Blank	Total/NA	Solid	7471B	1040102
LCSSRM 460-1040101/11-A	Lab Control Sample	Total/NA	Solid	7471B	1040101
LCSSRM 460-1040102/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1040102
460-326735-E-1-M MS	Matrix Spike	Total/NA	Solid	7471B	1040101
460-326806-4 MS	B4_15-20_20250522	Total/NA	Solid	7471B	1040102
460-326735-E-1-L DU	Duplicate	Total/NA	Solid	7471B	1040101
460-326806-4 DU	B4_15-20_20250522	Total/NA	Solid	7471B	1040102

Metals

Prep Batch: 1040262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	3010A	1040059
460-326806-2	B4_5-10_20250522	TCLP	Solid	3010A	1040059
460-326806-3	B4_10-15_20250522	TCLP	Solid	3010A	1040059
460-326806-4	B4_15-20_20250522	TCLP	Solid	3010A	1040059
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	3010A	1040059
LB 460-1040059/1-C ^10	Method Blank	TCLP	Solid	3010A	1040059
MB 460-1040262/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-1040262/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-326739-K-9-F MS ^10	Matrix Spike	TCLP	Solid	3010A	1040059
460-326739-K-9-E DU ^10	Duplicate	TCLP	Solid	3010A	1040059

Analysis Batch: 1040299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	6020B	1040262
460-326806-2	B4_5-10_20250522	TCLP	Solid	6020B	1040262
460-326806-3	B4_10-15_20250522	TCLP	Solid	6020B	1040262
460-326806-4	B4_15-20_20250522	TCLP	Solid	6020B	1040262
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	6020B	1040262
LB 460-1040059/1-C ^10	Method Blank	TCLP	Solid	6020B	1040262
MB 460-1040262/1-A	Method Blank	Total/NA	Solid	6020B	1040262
LCS 460-1040262/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	1040262
460-326739-K-9-F MS ^10	Matrix Spike	TCLP	Solid	6020B	1040262
460-326739-K-9-E DU ^10	Duplicate	TCLP	Solid	6020B	1040262

Prep Batch: 1040378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7471B	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7471B	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7471B	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7471B	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7471B	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7471B	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7471B	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7471B	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7471B	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7471B	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7471B	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7471B	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7471B	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7471B	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7471B	
MB 460-1040378/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040378/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-326691-8 MS	A2_0-5_20250520	Total/NA	Solid	7471B	
460-326691-8 DU	A2_0-5_20250520	Total/NA	Solid	7471B	

Prep Batch: 1040379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7471B	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7471B	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1040379 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7471B	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7471B	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7471B	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7471B	
MB 460-1040379/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040379/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-327049-A-15-F MS	Matrix Spike	Total/NA	Solid	7471B	
460-327049-A-15-G MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	
460-327049-A-15-E DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1040431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7471B	1040378
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7471B	1040378
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7471B	1040378
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7471B	1040378
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7471B	1040378
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7471B	1040378
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7471B	1040378
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7471B	1040378
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7471B	1040378
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7471B	1040378
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7471B	1040378
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7471B	1040378
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7471B	1040378
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7471B	1040378
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7471B	1040378
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7471B	1040379
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7471B	1040379
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7471B	1040379
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7471B	1040379
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7471B	1040379
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7471B	1040379
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7471B	1040379
MB 460-1040378/10-A	Method Blank	Total/NA	Solid	7471B	1040378
MB 460-1040379/1-A	Method Blank	Total/NA	Solid	7471B	1040379
LCSSRM 460-1040378/11-A	Lab Control Sample	Total/NA	Solid	7471B	1040378
LCSSRM 460-1040379/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1040379
460-326691-8 MS	A2_0-5_20250520	Total/NA	Solid	7471B	1040378
460-327049-A-15-F MS	Matrix Spike	Total/NA	Solid	7471B	1040379
460-327049-A-15-G MSD	Matrix Spike Duplicate	Total/NA	Solid	7471B	1040379
460-326691-8 DU	A2_0-5_20250520	Total/NA	Solid	7471B	1040378
460-327049-A-15-E DU	Duplicate	Total/NA	Solid	7471B	1040379

Prep Batch: 1040495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	7470A	1040059
460-326806-2	B4_5-10_20250522	TCLP	Solid	7470A	1040059
460-326806-3	B4_10-15_20250522	TCLP	Solid	7470A	1040059
460-326806-4	B4_15-20_20250522	TCLP	Solid	7470A	1040059
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	7470A	1040059

Metals (Continued)

Prep Batch: 1040495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-1040059/1-F	Method Blank	TCLP	Solid	7470A	1040059
MB 460-1040495/13-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-1040495/14-A	Lab Control Sample	Total/NA	Solid	7470A	
460-326739-K-1-I MS	Matrix Spike	TCLP	Solid	7470A	1040059
460-326739-K-1-H DU	Duplicate	TCLP	Solid	7470A	1040059

Analysis Batch: 1040602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	TCLP	Solid	7470A	1040495
460-326806-2	B4_5-10_20250522	TCLP	Solid	7470A	1040495
460-326806-3	B4_10-15_20250522	TCLP	Solid	7470A	1040495
460-326806-4	B4_15-20_20250522	TCLP	Solid	7470A	1040495
460-326806-5	B1-B2_20-25_20250522	TCLP	Solid	7470A	1040495
LB 460-1040059/1-F	Method Blank	TCLP	Solid	7470A	1040495
MB 460-1040495/13-A	Method Blank	Total/NA	Solid	7470A	1040495
LCS 460-1040495/14-A	Lab Control Sample	Total/NA	Solid	7470A	1040495
460-326739-K-1-I MS	Matrix Spike	TCLP	Solid	7470A	1040495
460-326739-K-1-H DU	Duplicate	TCLP	Solid	7470A	1040495

Prep Batch: 1040634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3050B	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3050B	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3050B	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3050B	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3050B	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3050B	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3050B	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3050B	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3050B	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3050B	
MB 460-1040634/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1040634/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-325348-A-2-H MS	Matrix Spike	Total/NA	Solid	3050B	
460-325348-A-2-H MS ^2	Matrix Spike	Total/NA	Solid	3050B	
460-325348-A-2-G DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1040636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3050B	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3050B	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3050B	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3050B	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3050B	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3050B	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3050B	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3050B	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3050B	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3050B	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3050B	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 1040636 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040636/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1040636/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-327049-A-15-J MS	Matrix Spike	Total/NA	Solid	3050B	
460-327049-A-15-K MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-327049-A-15-I DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1040654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3050B	
MB 460-1040654/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1040654/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-327094-A-4-D MS	Matrix Spike	Total/NA	Solid	3050B	
460-327094-A-4-C DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1040770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	6020B	1040636
460-326877-2	A4_5-10_20250521	Total/NA	Solid	6020B	1040636
460-326877-5	B3_0-5_20250521	Total/NA	Solid	6020B	1040654
460-326877-6	B3_10-15_20250521	Total/NA	Solid	6020B	1040636
460-326877-7	B3_15-20_20250521	Total/NA	Solid	6020B	1040636
460-326877-8	B3_5-10_20250521	Total/NA	Solid	6020B	1040636
460-327048-1	A1_0-5_20250519	Total/NA	Solid	6020B	1040636
460-327048-2	A1_5-10_20250519	Total/NA	Solid	6020B	1040636
460-327048-3	A1_10-15_20250519	Total/NA	Solid	6020B	1040636
460-327048-7	B1_0-5_20250519	Total/NA	Solid	6020B	1040636
460-327048-8	B1_5-10_20250519	Total/NA	Solid	6020B	1040636
460-327048-9	B1_10-15_20250519	Total/NA	Solid	6020B	1040636
460-327048-10	B1_15-20_20250519	Total/NA	Solid	6020B	1040636
MB 460-1040636/1-A	Method Blank	Total/NA	Solid	6020B	1040636
MB 460-1040654/1-A	Method Blank	Total/NA	Solid	6020B	1040654
LCSSRM 460-1040636/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1040636
LCSSRM 460-1040654/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1040654
460-327049-A-15-J MS	Matrix Spike	Total/NA	Solid	6020B	1040636
460-327049-A-15-K MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1040636
460-327094-A-4-D MS	Matrix Spike	Total/NA	Solid	6020B	1040654
460-327049-A-15-I DU	Duplicate	Total/NA	Solid	6020B	1040636
460-327094-A-4-C DU	Duplicate	Total/NA	Solid	6020B	1040654

Analysis Batch: 1040785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	6020B	1040634
460-326691-2	B2_5-10_20250520	Total/NA	Solid	6020B	1040634
460-326691-3	B2_10-15_20250520	Total/NA	Solid	6020B	1040634
460-326691-4	B2_15-20_20250520	Total/NA	Solid	6020B	1040634
460-326691-8	A2_0-5_20250520	Total/NA	Solid	6020B	1040634
460-326691-9	A2_5-10_20250520	Total/NA	Solid	6020B	1040634
460-326691-10	A2_10-15_20250520	Total/NA	Solid	6020B	1040634
460-326691-14	A3_0-5_20250520	Total/NA	Solid	6020B	1040634
460-326691-15	A3_5-10_20250520	Total/NA	Solid	6020B	1040634
460-326691-16	A3_10-15_20250520	Total/NA	Solid	6020B	1040634

Metals (Continued)

Analysis Batch: 1040785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-16	A3_10-15_20250520	Total/NA	Solid	6020B	1040634
MB 460-1040634/1-A	Method Blank	Total/NA	Solid	6020B	1040634
LCSSRM 460-1040634/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1040634
460-325348-A-2-H MS	Matrix Spike	Total/NA	Solid	6020B	1040634
460-325348-A-2-H MS ^2	Matrix Spike	Total/NA	Solid	6020B	1040634
460-325348-A-2-G DU	Duplicate	Total/NA	Solid	6020B	1040634

Leach Batch: 1040849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	1311	
460-326691-2	B2_5-10_20250520	TCLP	Solid	1311	
460-326691-3	B2_10-15_20250520	TCLP	Solid	1311	
460-326691-4	B2_15-20_20250520	TCLP	Solid	1311	
460-326691-8	A2_0-5_20250520	TCLP	Solid	1311	
460-326691-9	A2_5-10_20250520	TCLP	Solid	1311	
460-326691-10	A2_10-15_20250520	TCLP	Solid	1311	
460-326691-14	A3_0-5_20250520	TCLP	Solid	1311	
460-326691-15	A3_5-10_20250520	TCLP	Solid	1311	
460-326691-16	A3_10-15_20250520	TCLP	Solid	1311	
LB 460-1040849/1-B ^10	Method Blank	TCLP	Solid	1311	
LB 460-1040849/1-G	Method Blank	TCLP	Solid	1311	
460-326691-2 MS	B2_5-10_20250520	TCLP	Solid	1311	
460-326691-2 DU	B2_5-10_20250520	TCLP	Solid	1311	

Leach Batch: 1040850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	TCLP	Solid	1311	
460-326877-2	A4_5-10_20250521	TCLP	Solid	1311	
460-326877-6	B3_10-15_20250521	TCLP	Solid	1311	
460-326877-7	B3_15-20_20250521	TCLP	Solid	1311	
460-326877-8	B3_5-10_20250521	TCLP	Solid	1311	
LB 460-1040850/1-B ^10	Method Blank	TCLP	Solid	1311	
LB 460-1040850/1-F	Method Blank	TCLP	Solid	1311	
LB 460-1040850/1-H	Method Blank	TCLP	Solid	1311	
460-326870-A-2-G MS	Matrix Spike	TCLP	Solid	1311	
460-326877-6 MS	B3_10-15_20250521	TCLP	Solid	1311	
460-326870-A-2-F DU	Duplicate	TCLP	Solid	1311	
460-326877-6 DU	B3_10-15_20250521	TCLP	Solid	1311	

Prep Batch: 1040870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7471B	
MB 460-1040870/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1040870/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-326814-E-1-J MS	Matrix Spike	Total/NA	Solid	7471B	
460-326814-E-1-I DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1040960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7471B	1040870
MB 460-1040870/1-A	Method Blank	Total/NA	Solid	7471B	1040870

Metals (Continued)

Analysis Batch: 1040960 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1040870/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1040870
460-326814-E-1-J MS	Matrix Spike	Total/NA	Solid	7471B	1040870
460-326814-E-1-I DU	Duplicate	Total/NA	Solid	7471B	1040870

Prep Batch: 1040974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	3010A	1040849
460-326691-2	B2_5-10_20250520	TCLP	Solid	3010A	1040849
460-326691-3	B2_10-15_20250520	TCLP	Solid	3010A	1040849
460-326691-4	B2_15-20_20250520	TCLP	Solid	3010A	1040849
460-326691-8	A2_0-5_20250520	TCLP	Solid	3010A	1040849
460-326691-9	A2_5-10_20250520	TCLP	Solid	3010A	1040849
460-326691-10	A2_10-15_20250520	TCLP	Solid	3010A	1040849
460-326691-14	A3_0-5_20250520	TCLP	Solid	3010A	1040849
460-326691-15	A3_5-10_20250520	TCLP	Solid	3010A	1040849
460-326691-16	A3_10-15_20250520	TCLP	Solid	3010A	1040849
460-326877-1	A4_0-5_20250521	TCLP	Solid	3010A	1040850
460-326877-2	A4_5-10_20250521	TCLP	Solid	3010A	1040850
460-326877-6	B3_10-15_20250521	TCLP	Solid	3010A	1040850
460-326877-7	B3_15-20_20250521	TCLP	Solid	3010A	1040850
460-326877-8	B3_5-10_20250521	TCLP	Solid	3010A	1040850
LB 460-1040849/1-B ^10	Method Blank	TCLP	Solid	3010A	1040849
LB 460-1040850/1-B ^10	Method Blank	TCLP	Solid	3010A	1040850
MB 460-1040974/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-1040974/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-326877-6 MS	B3_10-15_20250521	TCLP	Solid	3010A	1040850
460-326877-6 DU	B3_10-15_20250521	TCLP	Solid	3010A	1040850

Analysis Batch: 1041049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	6020B	1040974
460-326691-2	B2_5-10_20250520	TCLP	Solid	6020B	1040974
460-326691-3	B2_10-15_20250520	TCLP	Solid	6020B	1040974
460-326691-4	B2_15-20_20250520	TCLP	Solid	6020B	1040974
460-326691-8	A2_0-5_20250520	TCLP	Solid	6020B	1040974
460-326691-9	A2_5-10_20250520	TCLP	Solid	6020B	1040974
460-326691-10	A2_10-15_20250520	TCLP	Solid	6020B	1040974
460-326691-14	A3_0-5_20250520	TCLP	Solid	6020B	1040974
460-326691-15	A3_5-10_20250520	TCLP	Solid	6020B	1040974
460-326691-16	A3_10-15_20250520	TCLP	Solid	6020B	1040974
460-326877-1	A4_0-5_20250521	TCLP	Solid	6020B	1040974
460-326877-2	A4_5-10_20250521	TCLP	Solid	6020B	1040974
460-326877-6	B3_10-15_20250521	TCLP	Solid	6020B	1040974
460-326877-7	B3_15-20_20250521	TCLP	Solid	6020B	1040974
460-326877-8	B3_5-10_20250521	TCLP	Solid	6020B	1040974
LB 460-1040849/1-B ^10	Method Blank	TCLP	Solid	6020B	1040974
LB 460-1040850/1-B ^10	Method Blank	TCLP	Solid	6020B	1040974
MB 460-1040974/1-A	Method Blank	Total/NA	Solid	6020B	1040974
460-326877-6 MS	B3_10-15_20250521	TCLP	Solid	6020B	1040974
460-326877-6 DU	B3_10-15_20250521	TCLP	Solid	6020B	1040974

Metals

Leach Batch: 1041054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	TCLP	Solid	1311	
460-327048-1	A1_0-5_20250519	TCLP	Solid	1311	
460-327048-2	A1_5-10_20250519	TCLP	Solid	1311	
460-327048-3	A1_10-15_20250519	TCLP	Solid	1311	
460-327048-7	B1_0-5_20250519	TCLP	Solid	1311	
460-327048-8	B1_5-10_20250519	TCLP	Solid	1311	
460-327048-9	B1_10-15_20250519	TCLP	Solid	1311	
460-327048-10	B1_15-20_20250519	TCLP	Solid	1311	
LB 460-1041054/1-B	Method Blank	TCLP	Solid	1311	
LB 460-1041054/1-C	Method Blank	TCLP	Solid	1311	
LB 460-1041054/1-D	Method Blank	TCLP	Solid	1311	
460-327048-8 MS	B1_5-10_20250519	TCLP	Solid	1311	
460-327048-8 DU	B1_5-10_20250519	TCLP	Solid	1311	

Prep Batch: 1041190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	7470A	1040849
460-326691-2	B2_5-10_20250520	TCLP	Solid	7470A	1040849
460-326691-3	B2_10-15_20250520	TCLP	Solid	7470A	1040849
460-326691-4	B2_15-20_20250520	TCLP	Solid	7470A	1040849
460-326691-8	A2_0-5_20250520	TCLP	Solid	7470A	1040849
460-326691-9	A2_5-10_20250520	TCLP	Solid	7470A	1040849
460-326691-10	A2_10-15_20250520	TCLP	Solid	7470A	1040849
460-326691-14	A3_0-5_20250520	TCLP	Solid	7470A	1040849
460-326691-15	A3_5-10_20250520	TCLP	Solid	7470A	1040849
460-326691-16	A3_10-15_20250520	TCLP	Solid	7470A	1040849
460-326877-1	A4_0-5_20250521	TCLP	Solid	7470A	1040850
460-326877-2	A4_5-10_20250521	TCLP	Solid	7470A	1040850
460-326877-5	B3_0-5_20250521	TCLP	Solid	7470A	1041054
460-326877-6	B3_10-15_20250521	TCLP	Solid	7470A	1040850
460-326877-7	B3_15-20_20250521	TCLP	Solid	7470A	1040850
460-326877-8	B3_5-10_20250521	TCLP	Solid	7470A	1040850
LB 460-1040849/1-G	Method Blank	TCLP	Solid	7470A	1040849
LB 460-1040850/1-F	Method Blank	TCLP	Solid	7470A	1040850
LB 460-1041054/1-B	Method Blank	TCLP	Solid	7470A	1041054
MB 460-1041190/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-1041190/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-326691-2 MS	B2_5-10_20250520	TCLP	Solid	7470A	1040849
460-326691-2 DU	B2_5-10_20250520	TCLP	Solid	7470A	1040849

Prep Batch: 1041213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	TCLP	Solid	3010A	1041054
460-327048-1	A1_0-5_20250519	TCLP	Solid	3010A	1041054
460-327048-2	A1_5-10_20250519	TCLP	Solid	3010A	1041054
460-327048-3	A1_10-15_20250519	TCLP	Solid	3010A	1041054
460-327048-7	B1_0-5_20250519	TCLP	Solid	3010A	1041054
460-327048-8	B1_5-10_20250519	TCLP	Solid	3010A	1041054
460-327048-9	B1_10-15_20250519	TCLP	Solid	3010A	1041054
460-327048-10	B1_15-20_20250519	TCLP	Solid	3010A	1041054
LB 460-1041054/1-C	Method Blank	TCLP	Solid	3010A	1041054

Metals (Continued)

Prep Batch: 1041213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1041213/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 460-1041213/2-A ^10	Lab Control Sample	Total/NA	Solid	3010A	
460-327048-8 MS	B1_5-10_20250519	TCLP	Solid	3010A	1041054
460-327048-8 DU	B1_5-10_20250519	TCLP	Solid	3010A	1041054

Analysis Batch: 1041280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	TCLP	Solid	7470A	1041190
460-326691-2	B2_5-10_20250520	TCLP	Solid	7470A	1041190
460-326691-3	B2_10-15_20250520	TCLP	Solid	7470A	1041190
460-326691-4	B2_15-20_20250520	TCLP	Solid	7470A	1041190
460-326691-8	A2_0-5_20250520	TCLP	Solid	7470A	1041190
460-326691-9	A2_5-10_20250520	TCLP	Solid	7470A	1041190
460-326691-10	A2_10-15_20250520	TCLP	Solid	7470A	1041190
460-326691-14	A3_0-5_20250520	TCLP	Solid	7470A	1041190
460-326691-15	A3_5-10_20250520	TCLP	Solid	7470A	1041190
460-326691-16	A3_10-15_20250520	TCLP	Solid	7470A	1041190
460-326877-1	A4_0-5_20250521	TCLP	Solid	7470A	1041190
460-326877-2	A4_5-10_20250521	TCLP	Solid	7470A	1041190
460-326877-5	B3_0-5_20250521	TCLP	Solid	7470A	1041190
460-326877-6	B3_10-15_20250521	TCLP	Solid	7470A	1041190
460-326877-7	B3_15-20_20250521	TCLP	Solid	7470A	1041190
460-326877-8	B3_5-10_20250521	TCLP	Solid	7470A	1041190
LB 460-1040849/1-G	Method Blank	TCLP	Solid	7470A	1041190
LB 460-1040850/1-F	Method Blank	TCLP	Solid	7470A	1041190
LB 460-1041054/1-B	Method Blank	TCLP	Solid	7470A	1041190
MB 460-1041190/1-A	Method Blank	Total/NA	Solid	7470A	1041190
LCS 460-1041190/2-A	Lab Control Sample	Total/NA	Solid	7470A	1041190
460-326691-2 MS	B2_5-10_20250520	TCLP	Solid	7470A	1041190
460-326691-2 DU	B2_5-10_20250520	TCLP	Solid	7470A	1041190

Prep Batch: 1041430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	TCLP	Solid	7470A	1041054
460-327048-2	A1_5-10_20250519	TCLP	Solid	7470A	1041054
460-327048-3	A1_10-15_20250519	TCLP	Solid	7470A	1041054
460-327048-7	B1_0-5_20250519	TCLP	Solid	7470A	1041054
460-327048-8	B1_5-10_20250519	TCLP	Solid	7470A	1041054
460-327048-9	B1_10-15_20250519	TCLP	Solid	7470A	1041054
460-327048-10	B1_15-20_20250519	TCLP	Solid	7470A	1041054
LB 460-1040850/1-H	Method Blank	TCLP	Solid	7470A	1040850
LB 460-1041054/1-D	Method Blank	TCLP	Solid	7470A	1041054
MB 460-1041430/1-A	Method Blank	Total/NA	Solid	7470A	
LCS 460-1041430/2-A	Lab Control Sample	Total/NA	Solid	7470A	
460-326870-A-2-G MS	Matrix Spike	TCLP	Solid	7470A	1040850
460-326870-A-2-F DU	Duplicate	TCLP	Solid	7470A	1040850

Analysis Batch: 1041475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	TCLP	Solid	6020B	1041213
460-327048-1	A1_0-5_20250519	TCLP	Solid	6020B	1041213

Metals (Continued)

Analysis Batch: 1041475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-2	A1_5-10_20250519	TCLP	Solid	6020B	1041213
460-327048-3	A1_10-15_20250519	TCLP	Solid	6020B	1041213
460-327048-7	B1_0-5_20250519	TCLP	Solid	6020B	1041213
460-327048-8	B1_5-10_20250519	TCLP	Solid	6020B	1041213
460-327048-9	B1_10-15_20250519	TCLP	Solid	6020B	1041213
460-327048-10	B1_15-20_20250519	TCLP	Solid	6020B	1041213
LB 460-1041054/1-C	Method Blank	TCLP	Solid	6020B	1041213
MB 460-1041213/1-A	Method Blank	Total/NA	Solid	6020B	1041213
LCS 460-1040974/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	1040974
LCS 460-1041213/2-A ^10	Lab Control Sample	Total/NA	Solid	6020B	1041213
460-327048-8 MS	B1_5-10_20250519	TCLP	Solid	6020B	1041213
460-327048-8 DU	B1_5-10_20250519	TCLP	Solid	6020B	1041213

Analysis Batch: 1041508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	TCLP	Solid	7470A	1041430
460-327048-2	A1_5-10_20250519	TCLP	Solid	7470A	1041430
460-327048-3	A1_10-15_20250519	TCLP	Solid	7470A	1041430
460-327048-7	B1_0-5_20250519	TCLP	Solid	7470A	1041430
460-327048-8	B1_5-10_20250519	TCLP	Solid	7470A	1041430
460-327048-9	B1_10-15_20250519	TCLP	Solid	7470A	1041430
460-327048-10	B1_15-20_20250519	TCLP	Solid	7470A	1041430
LB 460-1040850/1-H	Method Blank	TCLP	Solid	7470A	1041430
LB 460-1041054/1-D	Method Blank	TCLP	Solid	7470A	1041430
MB 460-1041430/1-A	Method Blank	Total/NA	Solid	7470A	1041430
LCS 460-1041430/2-A	Lab Control Sample	Total/NA	Solid	7470A	1041430
460-326870-A-2-G MS	Matrix Spike	TCLP	Solid	7470A	1041430
460-326870-A-2-F DU	Duplicate	TCLP	Solid	7470A	1041430

General Chemistry

Analysis Batch: 1039517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-6	B4-1B_3-5_20250522	Total/NA	Solid	Moisture	
460-326806-7	B4-1B_8-10_20250522	Total/NA	Solid	Moisture	
460-326806-8	B4-4_13-15_20250522	Total/NA	Solid	Moisture	
460-326806-9	B4-4_15-17_20250522	Total/NA	Solid	Moisture	
460-326806-10	B1-4_20-22_20250522	Total/NA	Solid	Moisture	
460-326756-A-18 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-326756-A-18 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-326785-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1039814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	Moisture	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	Moisture	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	Moisture	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	Moisture	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	Moisture	
460-326772-A-5 DU	Duplicate	Total/NA	Solid	Moisture	

General Chemistry

Analysis Batch: 1040031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	1030	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	1030	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	1030	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	1030	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	1030	
460-326661-D-1 DU	Duplicate	Total/NA	Solid	1030	

Analysis Batch: 1040274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9045D	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9045D	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9045D	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9045D	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9045D	
LCSSRM 460-1040274/2	Lab Control Sample	Total/NA	Solid	9045D	
460-326784-A-1 DU	Duplicate	Total/NA	Solid	9045D	

Prep Batch: 1040296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7.3.4	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7.3.4	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7.3.4	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7.3.4	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7.3.4	
MB 460-1040296/1-A	Method Blank	Total/NA	Solid	7.3.4	
MB 460-1040296/26-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 460-1040296/28-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCSSRM 460-1040296/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-326806-5 MS	B1-B2_20-25_20250522	Total/NA	Solid	7.3.4	
460-326806-5 MSD	B1-B2_20-25_20250522	Total/NA	Solid	7.3.4	

Prep Batch: 1040298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7.3.3	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7.3.3	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7.3.3	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7.3.3	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7.3.3	
MB 460-1040298/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-1040298/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-326806-5 DU	B1-B2_20-25_20250522	Total/NA	Solid	7.3.3	

Analysis Batch: 1040300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9014	1040298
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9014	1040298
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9014	1040298
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9014	1040298
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9014	1040298
MB 460-1040298/1-A	Method Blank	Total/NA	Solid	9014	1040298
LCS 460-1040298/2-A	Lab Control Sample	Total/NA	Solid	9014	1040298

General Chemistry (Continued)

Analysis Batch: 1040300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-5 DU	B1-B2_20-25_20250522	Total/NA	Solid	9014	1040298

Analysis Batch: 1040301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9034	1040296
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9034	1040296
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9034	1040296
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9034	1040296
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9034	1040296
MB 460-1040296/1-A	Method Blank	Total/NA	Solid	9034	1040296
MB 460-1040296/26-A	Method Blank	Total/NA	Solid	9034	1040296
LCS 460-1040296/28-A	Lab Control Sample	Total/NA	Solid	9034	1040296
LCSSRM 460-1040296/3-A	Lab Control Sample	Total/NA	Solid	9034	1040296
460-326806-5 MS	B1-B2_20-25_20250522	Total/NA	Solid	9034	1040296
460-326806-5 MSD	B1-B2_20-25_20250522	Total/NA	Solid	9034	1040296

Analysis Batch: 1040350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	Moisture	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	Moisture	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	Moisture	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	Moisture	
460-326691-5	B2-2_3-5_20250520	Total/NA	Solid	Moisture	
460-326691-6	B2-2_8-10_20250520	Total/NA	Solid	Moisture	
460-326691-7	B2-2_13-15_20250520	Total/NA	Solid	Moisture	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	Moisture	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	Moisture	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	Moisture	
460-326691-11	A2-3_3-5_20250520	Total/NA	Solid	Moisture	
460-326691-12	A2-3_10-12_20250520	Total/NA	Solid	Moisture	
460-326691-13	A2-3_8-10_20250520	Total/NA	Solid	Moisture	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	Moisture	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	Moisture	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	Moisture	
460-326691-17	A3-1_3-5_20250520	Total/NA	Solid	Moisture	
460-326691-18	A3-1_8-10_20250520	Total/NA	Solid	Moisture	
460-326691-19	A3-1_13-15_20250520	Total/NA	Solid	Moisture	
460-326877-3	A4-3_3-5_20250521	Total/NA	Solid	Moisture	
460-326877-4	A4-3_8-10_20250521	Total/NA	Solid	Moisture	
460-326877-9	B3-4_3-5_20250521	Total/NA	Solid	Moisture	
460-326877-10	B3-4_6-8_20250521	Total/NA	Solid	Moisture	
460-326877-11	B3-4_13-15_20250521	Total/NA	Solid	Moisture	
460-326877-12	B3-4_16-18_20250521	Total/NA	Solid	Moisture	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	Moisture	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	Moisture	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	Moisture	
460-327048-4	A1_3-5_20250519	Total/NA	Solid	Moisture	
460-327048-5	A1_8-10_20250519	Total/NA	Solid	Moisture	
460-327048-6	A1_13-15_20250519	Total/NA	Solid	Moisture	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	Moisture	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1040350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-9	B1_10-15_20250519	Total/NA	Solid	Moisture	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	Moisture	
460-327048-11	B1_3-5_20250519	Total/NA	Solid	Moisture	
460-327048-12	B1_5-7_20250519	Total/NA	Solid	Moisture	
460-327048-13	B1_17-19_20250519	Total/NA	Solid	Moisture	
460-327048-14	B2_17-19_20250519	Total/NA	Solid	Moisture	
460-327048-15	B1_13-15_20250519	Total/NA	Solid	Moisture	
460-327070-E-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-327070-E-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-326691-1 DU	B2_0-5_20250520	Total/NA	Solid	Moisture	
460-326691-2 DU	B2_5-10_20250520	Total/NA	Solid	Moisture	
460-326691-3 DU	B2_10-15_20250520	Total/NA	Solid	Moisture	
460-327022-B-3 DU	Duplicate	Total/NA	Solid	Moisture	

Prep Batch: 1040356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9012B	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9012B	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9012B	
MB 460-1040356/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1040356/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-326685-A-6-J MS	Matrix Spike	Total/NA	Solid	9012B	
460-326685-A-6-K MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Prep Batch: 1040450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	3060A	
460-326806-2	B4_5-10_20250522	Total/NA	Solid	3060A	
460-326806-3	B4_10-15_20250522	Total/NA	Solid	3060A	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	3060A	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	3060A	
MB 460-1040450/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1040450/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1040450/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-326953-E-3-T MSS	Matrix Spike	Total/NA	Solid	3060A	
460-326953-E-3-U MSI	Matrix Spike	Total/NA	Solid	3060A	
460-326953-E-3-S DU	Duplicate	Total/NA	Solid	3060A	

Analysis Batch: 1040453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	Moisture	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	Moisture	
460-326877-5	B3_0-5_20250521	Total/NA	Solid	Moisture	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	Moisture	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	Moisture	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	Moisture	
460-327049-A-20 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-327049-A-20 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-326877-7 DU	B3_15-20_20250521	Total/NA	Solid	Moisture	

QC Association Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

General Chemistry

Analysis Batch: 1040508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	7196A	1040450
460-326806-2	B4_5-10_20250522	Total/NA	Solid	7196A	1040450
460-326806-3	B4_10-15_20250522	Total/NA	Solid	7196A	1040450
460-326806-4	B4_15-20_20250522	Total/NA	Solid	7196A	1040450
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	7196A	1040450
MB 460-1040450/15-A	Method Blank	Total/NA	Solid	7196A	1040450
LCSI 460-1040450/17-A	Lab Control Sample	Total/NA	Solid	7196A	1040450
LCSSRM 460-1040450/16-A	Lab Control Sample	Total/NA	Solid	7196A	1040450
460-326953-E-3-T MSS	Matrix Spike	Total/NA	Solid	7196A	1040450
460-326953-E-3-U MSI	Matrix Spike	Total/NA	Solid	7196A	1040450
460-326953-E-3-S DU	Duplicate	Total/NA	Solid	7196A	1040450

Prep Batch: 1040517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1040517/12-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 1040530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9045D	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9045D	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9045D	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9045D	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9045D	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9045D	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9045D	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9045D	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9045D	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9045D	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9045D	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9045D	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9045D	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9045D	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9045D	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9045D	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9045D	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9045D	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9045D	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9045D	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9045D	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9045D	
LCS 460-1040530/27	Lab Control Sample	Total/NA	Solid	9045D	
LCSSRM 460-1040530/2	Lab Control Sample	Total/NA	Solid	9045D	
460-326877-7 DU	B3_15-20_20250521	Total/NA	Solid	9045D	
460-327048-1 DU	A1_0-5_20250519	Total/NA	Solid	9045D	

Analysis Batch: 1040541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9095B	
460-327048-2 DU	A1_5-10_20250519	Total/NA	Solid	9095B	

General Chemistry

Analysis Batch: 1040549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9012B	1040356
460-326806-2	B4_5-10_20250522	Total/NA	Solid	9012B	1040356
460-326806-3	B4_10-15_20250522	Total/NA	Solid	9012B	1040356
MB 460-1040356/1-A	Method Blank	Total/NA	Solid	9012B	1040356
LCSSRM 460-1040356/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1040356
MRL 460-1040517/12-A	Lab Control Sample	Total/NA	Solid	9012B	1040517
460-326685-A-6-J MS	Matrix Spike	Total/NA	Solid	9012B	1040356
460-326685-A-6-K MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1040356

Analysis Batch: 1040554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	1030	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	1030	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	1030	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	1030	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	1030	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	1030	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	1030	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	1030	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	1030	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	1030	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	1030	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	1030	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	1030	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	1030	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	1030	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	1030	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	1030	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	1030	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	1030	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	1030	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	1030	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	1030	
460-326691-1 DU	B2_0-5_20250520	Total/NA	Solid	1030	
460-326870-A-1 DU	Duplicate	Total/NA	Solid	1030	

Prep Batch: 1040600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	3060A	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	3060A	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	3060A	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	3060A	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	3060A	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	3060A	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	3060A	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	3060A	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	3060A	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	3060A	
MB 460-1040600/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1040600/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1040600/16-A	Lab Control Sample	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 1040600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-16 MSI	A3_10-15_20250520	Total/NA	Solid	3060A	
460-326691-16 MSS	A3_10-15_20250520	Total/NA	Solid	3060A	
460-326691-16 DU	A3_10-15_20250520	Total/NA	Solid	3060A	

Prep Batch: 1040607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7.3.4	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7.3.4	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7.3.4	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7.3.4	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7.3.4	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7.3.4	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7.3.4	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7.3.4	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7.3.4	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7.3.4	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7.3.4	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7.3.4	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7.3.4	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7.3.4	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7.3.4	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7.3.4	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7.3.4	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7.3.4	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7.3.4	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7.3.4	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7.3.4	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7.3.4	
MB 460-1040607/1-A	Method Blank	Total/NA	Solid	7.3.4	
MB 460-1040607/26-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 460-1040607/28-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCSSRM 460-1040607/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-326691-2 MS	B2_5-10_20250520	Total/NA	Solid	7.3.4	
460-326691-2 MSD	B2_5-10_20250520	Total/NA	Solid	7.3.4	
460-326784-A-3-Q MS	Matrix Spike	Total/NA	Solid	7.3.4	
460-326784-A-3-R MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 1040610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7.3.3	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7.3.3	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7.3.3	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7.3.3	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7.3.3	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7.3.3	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7.3.3	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7.3.3	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7.3.3	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7.3.3	
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7.3.3	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7.3.3	

General Chemistry (Continued)

Prep Batch: 1040610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7.3.3	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7.3.3	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7.3.3	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7.3.3	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7.3.3	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7.3.3	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7.3.3	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7.3.3	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7.3.3	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7.3.3	
MB 460-1040610/1-A	Method Blank	Total/NA	Solid	7.3.3	
MB 460-1040610/24-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-1040610/25-A	Lab Control Sample	Total/NA	Solid	7.3.3	
LCS 460-1040610/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-326691-2 DU	B2_5-10_20250520	Total/NA	Solid	7.3.3	
460-326784-A-3-T DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 1040615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9014	1040610
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9014	1040610
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9014	1040610
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9014	1040610
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9014	1040610
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9014	1040610
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9014	1040610
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9014	1040610
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9014	1040610
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9014	1040610
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9014	1040610
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9014	1040610
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9014	1040610
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9014	1040610
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9014	1040610
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9014	1040610
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9014	1040610
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9014	1040610
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9014	1040610
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9014	1040610
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9014	1040610
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9014	1040610
MB 460-1040610/1-A	Method Blank	Total/NA	Solid	9014	1040610
MB 460-1040610/24-A	Method Blank	Total/NA	Solid	9014	1040610
LCS 460-1040610/25-A	Lab Control Sample	Total/NA	Solid	9014	1040610
LCS 460-1040610/2-A	Lab Control Sample	Total/NA	Solid	9014	1040610
460-326691-2 DU	B2_5-10_20250520	Total/NA	Solid	9014	1040610
460-326784-A-3-T DU	Duplicate	Total/NA	Solid	9014	1040610

Analysis Batch: 1040617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9034	1040607

General Chemistry (Continued)

Analysis Batch: 1040617 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9034	1040607
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9034	1040607
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9034	1040607
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9034	1040607
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9034	1040607
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9034	1040607
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9034	1040607
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9034	1040607
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9034	1040607
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9034	1040607
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9034	1040607
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9034	1040607
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9034	1040607
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9034	1040607
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9034	1040607
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9034	1040607
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9034	1040607
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9034	1040607
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9034	1040607
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9034	1040607
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9034	1040607
MB 460-1040607/1-A	Method Blank	Total/NA	Solid	9034	1040607
MB 460-1040607/26-A	Method Blank	Total/NA	Solid	9034	1040607
LCS 460-1040607/28-A	Lab Control Sample	Total/NA	Solid	9034	1040607
LCSSRM 460-1040607/3-A	Lab Control Sample	Total/NA	Solid	9034	1040607
460-326691-2 MS	B2_5-10_20250520	Total/NA	Solid	9034	1040607
460-326691-2 MSD	B2_5-10_20250520	Total/NA	Solid	9034	1040607
460-326784-A-3-Q MS	Matrix Spike	Total/NA	Solid	9034	1040607
460-326784-A-3-R MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	1040607

Prep Batch: 1040629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9012B	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9012B	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9012B	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9012B	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9012B	
MB 460-1040629/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1040629/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
MRL 460-1040629/38-A	Lab Control Sample	Total/NA	Solid	9012B	
200-78069-B-15-D MS	Matrix Spike	Total/NA	Solid	9012B	
200-78069-B-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Prep Batch: 1040633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9012B	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9012B	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9012B	
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9012B	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9012B	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 1040633 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1040633/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1040633/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-326877-1 MS	A4_0-5_20250521	Total/NA	Solid	9012B	
460-326877-1 MSD	A4_0-5_20250521	Total/NA	Solid	9012B	

Prep Batch: 1040635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9012B	
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9012B	
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9012B	
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9012B	
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9012B	
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9012B	
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9012B	
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9012B	
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9012B	
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9012B	
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9012B	
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9012B	
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9012B	
MB 460-1040635/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1040635/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	9012B	
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	9012B	
460-326813-E-1-Q MS	Matrix Spike	Total/NA	Solid	9012B	
460-326813-E-1-R MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Analysis Batch: 1040730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	7196A	1040600
460-326691-2	B2_5-10_20250520	Total/NA	Solid	7196A	1040600
460-326691-3	B2_10-15_20250520	Total/NA	Solid	7196A	1040600
460-326691-4	B2_15-20_20250520	Total/NA	Solid	7196A	1040600
460-326691-8	A2_0-5_20250520	Total/NA	Solid	7196A	1040600
460-326691-9	A2_5-10_20250520	Total/NA	Solid	7196A	1040600
460-326691-10	A2_10-15_20250520	Total/NA	Solid	7196A	1040600
460-326691-14	A3_0-5_20250520	Total/NA	Solid	7196A	1040600
460-326691-15	A3_5-10_20250520	Total/NA	Solid	7196A	1040600
460-326691-16	A3_10-15_20250520	Total/NA	Solid	7196A	1040600
MB 460-1040600/15-A	Method Blank	Total/NA	Solid	7196A	1040600
LCSI 460-1040600/17-A	Lab Control Sample	Total/NA	Solid	7196A	1040600
LCSSRM 460-1040600/16-A	Lab Control Sample	Total/NA	Solid	7196A	1040600
460-326691-16 MSI	A3_10-15_20250520	Total/NA	Solid	7196A	1040600
460-326691-16 MSS	A3_10-15_20250520	Total/NA	Solid	7196A	1040600
460-326691-16 DU	A3_10-15_20250520	Total/NA	Solid	7196A	1040600

Prep Batch: 1040756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	3060A	
460-326877-2	A4_5-10_20250521	Total/NA	Solid	3060A	
460-326877-6	B3_10-15_20250521	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 1040756 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-7	B3_15-20_20250521	Total/NA	Solid	3060A	
460-326877-8	B3_5-10_20250521	Total/NA	Solid	3060A	
460-327048-1	A1_0-5_20250519	Total/NA	Solid	3060A	
460-327048-2	A1_5-10_20250519	Total/NA	Solid	3060A	
460-327048-3	A1_10-15_20250519	Total/NA	Solid	3060A	
460-327048-7	B1_0-5_20250519	Total/NA	Solid	3060A	
460-327048-8	B1_5-10_20250519	Total/NA	Solid	3060A	
460-327048-9	B1_10-15_20250519	Total/NA	Solid	3060A	
460-327048-10	B1_15-20_20250519	Total/NA	Solid	3060A	
MB 460-1040756/15-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1040756/17-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1040756/16-A	Lab Control Sample	Total/NA	Solid	3060A	
460-327048-2 MSI	A1_5-10_20250519	Total/NA	Solid	3060A	
460-327048-2 MSS	A1_5-10_20250519	Total/NA	Solid	3060A	
460-327048-2 DU	A1_5-10_20250519	Total/NA	Solid	3060A	

Analysis Batch: 1040866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1	B2_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326691-2	B2_5-10_20250520	Total/NA	Solid	9012B	1040635
460-326691-3	B2_10-15_20250520	Total/NA	Solid	9012B	1040635
460-326691-4	B2_15-20_20250520	Total/NA	Solid	9012B	1040635
460-326691-8	A2_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326691-9	A2_5-10_20250520	Total/NA	Solid	9012B	1040635
460-326691-10	A2_10-15_20250520	Total/NA	Solid	9012B	1040635
460-326691-14	A3_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326691-15	A3_5-10_20250520	Total/NA	Solid	9012B	1040635
460-326691-16	A3_10-15_20250520	Total/NA	Solid	9012B	1040635
460-326806-4	B4_15-20_20250522	Total/NA	Solid	9012B	1040635
460-326806-5	B1-B2_20-25_20250522	Total/NA	Solid	9012B	1040635
460-326877-1	A4_0-5_20250521	Total/NA	Solid	9012B	1040633
460-326877-2	A4_5-10_20250521	Total/NA	Solid	9012B	1040633
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9012B	1040635
460-326877-6	B3_10-15_20250521	Total/NA	Solid	9012B	1040633
460-326877-7	B3_15-20_20250521	Total/NA	Solid	9012B	1040633
460-326877-8	B3_5-10_20250521	Total/NA	Solid	9012B	1040633
460-327048-1	A1_0-5_20250519	Total/NA	Solid	9012B	1040629
460-327048-2	A1_5-10_20250519	Total/NA	Solid	9012B	1040629
460-327048-3	A1_10-15_20250519	Total/NA	Solid	9012B	1040629
460-327048-7	B1_0-5_20250519	Total/NA	Solid	9012B	1040629
460-327048-8	B1_5-10_20250519	Total/NA	Solid	9012B	1040629
460-327048-10	B1_15-20_20250519	Total/NA	Solid	9012B	1040633
MB 460-1040629/1-A	Method Blank	Total/NA	Solid	9012B	1040629
MB 460-1040633/1-A	Method Blank	Total/NA	Solid	9012B	1040633
MB 460-1040635/1-A	Method Blank	Total/NA	Solid	9012B	1040635
LCSSRM 460-1040629/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1040629
LCSSRM 460-1040633/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1040633
LCSSRM 460-1040635/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1040635
MRL 460-1040629/38-A	Lab Control Sample	Total/NA	Solid	9012B	1040629
200-78069-B-15-D MS	Matrix Spike	Total/NA	Solid	9012B	1040629
200-78069-B-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1040629

General Chemistry (Continued)

Analysis Batch: 1040866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326691-1 MS	B2_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326691-1 MSD	B2_0-5_20250520	Total/NA	Solid	9012B	1040635
460-326813-E-1-Q MS	Matrix Spike	Total/NA	Solid	9012B	1040635
460-326813-E-1-R MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1040635
460-326877-1 MS	A4_0-5_20250521	Total/NA	Solid	9012B	1040633
460-326877-1 MSD	A4_0-5_20250521	Total/NA	Solid	9012B	1040633

Analysis Batch: 1040950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-1	A4_0-5_20250521	Total/NA	Solid	7196A	1040756
460-326877-2	A4_5-10_20250521	Total/NA	Solid	7196A	1040756
460-326877-6	B3_10-15_20250521	Total/NA	Solid	7196A	1040756
460-326877-7	B3_15-20_20250521	Total/NA	Solid	7196A	1040756
460-326877-8	B3_5-10_20250521	Total/NA	Solid	7196A	1040756
460-327048-1	A1_0-5_20250519	Total/NA	Solid	7196A	1040756
460-327048-2	A1_5-10_20250519	Total/NA	Solid	7196A	1040756
460-327048-3	A1_10-15_20250519	Total/NA	Solid	7196A	1040756
460-327048-7	B1_0-5_20250519	Total/NA	Solid	7196A	1040756
460-327048-8	B1_5-10_20250519	Total/NA	Solid	7196A	1040756
460-327048-9	B1_10-15_20250519	Total/NA	Solid	7196A	1040756
460-327048-10	B1_15-20_20250519	Total/NA	Solid	7196A	1040756
MB 460-1040756/15-A	Method Blank	Total/NA	Solid	7196A	1040756
LCSI 460-1040756/17-A	Lab Control Sample	Total/NA	Solid	7196A	1040756
LCSSRM 460-1040756/16-A	Lab Control Sample	Total/NA	Solid	7196A	1040756
460-327048-2 MSI	A1_5-10_20250519	Total/NA	Solid	7196A	1040756
460-327048-2 MSS	A1_5-10_20250519	Total/NA	Solid	7196A	1040756
460-327048-2 DU	A1_5-10_20250519	Total/NA	Solid	7196A	1040756

Prep Batch: 1040993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7.3.4	
MB 460-1040993/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCSSRM 460-1040993/3-A	Lab Control Sample	Total/NA	Solid	7.3.4	
460-326840-A-2-I MS	Matrix Spike	Total/NA	Solid	7.3.4	
460-326840-A-2-J MSD	Matrix Spike Duplicate	Total/NA	Solid	7.3.4	

Prep Batch: 1040995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7.3.3	
MB 460-1040995/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 460-1040995/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
460-326840-A-2-L DU	Duplicate	Total/NA	Solid	7.3.3	

Analysis Batch: 1040996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9014	1040995
MB 460-1040995/1-A	Method Blank	Total/NA	Solid	9014	1040995
LCS 460-1040995/2-A	Lab Control Sample	Total/NA	Solid	9014	1040995
460-326840-A-2-L DU	Duplicate	Total/NA	Solid	9014	1040995

General Chemistry

Analysis Batch: 1041000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9034	1040993
MB 460-1040993/1-A	Method Blank	Total/NA	Solid	9034	1040993
LCSSRM 460-1040993/3-A	Lab Control Sample	Total/NA	Solid	9034	1040993
460-326840-A-2-I MS	Matrix Spike	Total/NA	Solid	9034	1040993
460-326840-A-2-J MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	1040993

Analysis Batch: 1041013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	9045D	
LCSSRM 460-1041013/2	Lab Control Sample	Total/NA	Solid	9045D	
460-327051-A-2 DU	Duplicate	Total/NA	Solid	9045D	

Prep Batch: 1041015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1041015/38-A	Lab Control Sample	Total/NA	Solid	9012B	

Prep Batch: 1041029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9012B	
MB 460-1041029/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1041029/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-327195-A-1-H MS	Matrix Spike	Total/NA	Solid	9012B	
460-327195-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	

Analysis Batch: 1041079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327048-9	B1_10-15_20250519	Total/NA	Solid	9012B	1041029
MB 460-1041029/1-A	Method Blank	Total/NA	Solid	9012B	1041029
LCSSRM 460-1041029/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1041029
MRL 460-1041015/38-A	Lab Control Sample	Total/NA	Solid	9012B	1041015
460-327195-A-1-H MS	Matrix Spike	Total/NA	Solid	9012B	1041029
460-327195-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	9012B	1041029

Prep Batch: 1041206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	3060A	
MB 460-1041206/15-B	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1041206/17-A	Lab Control Sample	Total/NA	Solid	3060A	
460-326450-A-2-F MSS	Matrix Spike	Total/NA	Solid	3060A	
460-326450-A-2-G MSI	Matrix Spike	Total/NA	Solid	3060A	
460-326450-A-2-E DU	Duplicate	Total/NA	Solid	3060A	

Analysis Batch: 1041226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	7196A	1041206
MB 460-1041206/15-B	Method Blank	Total/NA	Solid	7196A	1041206
LCSI 460-1041206/17-A	Lab Control Sample	Total/NA	Solid	7196A	1041206
460-326450-A-2-F MSS	Matrix Spike	Total/NA	Solid	7196A	1041206
460-326450-A-2-G MSI	Matrix Spike	Total/NA	Solid	7196A	1041206
460-326450-A-2-E DU	Duplicate	Total/NA	Solid	7196A	1041206

QC Association Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

General Chemistry

Analysis Batch: 1041244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326806-1	B4_0-5_20250522	Total/NA	Solid	9095B	
460-327111-A-4 DU	Duplicate	Total/NA	Solid	9095B	

Analysis Batch: 1041250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326877-5	B3_0-5_20250521	Total/NA	Solid	1030	
460-326840-E-2 DU	Duplicate	Total/NA	Solid	1030	

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B2_0-5_20250520

Date Collected: 05/20/25 09:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:16
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:27
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:18
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2_0-5_20250520

Date Collected: 05/20/25 09:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-1

Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 13:52
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 12:39
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 20:57
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 21:39
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 20:46
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:53
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:08
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:41

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2

Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:18
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:24
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:20
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2_5-10_20250520
Lab Sample ID: 460-326691-2

Date Collected: 05/20/25 09:05
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 12:25
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 12:52
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 21:13
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 21:58
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:00
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:22
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:10
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:44

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3

Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:21
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:29
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:22
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2_10-15_20250520
Lab Sample ID: 460-326691-3

Date Collected: 05/20/25 09:10
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 15:02
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:05
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 21:30
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 22:16
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:14
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:25
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:11
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:45

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:29
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:31
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:24
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2_15-20_20250520
Lab Sample ID: 460-326691-4
Date Collected: 05/20/25 09:15
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 15:20
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:18
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 21:47
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 22:35
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:28
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:28
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:13
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:46

Client Sample ID: B2-2_3-5_20250520
Lab Sample ID: 460-326691-5
Date Collected: 05/20/25 08:45
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B2-2_3-5_20250520
Lab Sample ID: 460-326691-5
Date Collected: 05/20/25 08:45
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:02
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 11:05
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		5	1040467	JHP	EET EDI	05/30/25 17:48

Client Sample ID: B2-2_8-10_20250520
Lab Sample ID: 460-326691-6
Date Collected: 05/20/25 08:50
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2-2_8-10_20250520
Lab Sample ID: 460-326691-6
Date Collected: 05/20/25 08:50
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:02
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 11:32
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 18:07

Client Sample ID: B2-2_13-15_20250520
Lab Sample ID: 460-326691-7
Date Collected: 05/20/25 08:55
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B2-2_13-15_20250520
Lab Sample ID: 460-326691-7
Date Collected: 05/20/25 08:55
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:02
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 11:58
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 18:25

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A2_0-5_20250520
Date Collected: 05/20/25 12:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:32
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:32
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:26
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2_0-5_20250520
Date Collected: 05/20/25 12:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-8
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 13:00
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:31
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 22:04
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 22:54
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:42
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:31
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:01
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:47

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A2_5-10_20250520

Lab Sample ID: 460-326691-9

Date Collected: 05/20/25 12:05

Matrix: Solid

Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:35
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:34
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:28
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2_5-10_20250520

Lab Sample ID: 460-326691-9

Date Collected: 05/20/25 12:05

Matrix: Solid

Date Received: 05/20/25 17:00

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 13:18
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:44
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 22:20
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 23:32
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 21:56
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:39
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:19
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:48

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A2_10-15_20250520
Date Collected: 05/20/25 12:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:38
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:39
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:30
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2_10-15_20250520
Date Collected: 05/20/25 12:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-10
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 13:35
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 13:57
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 22:37
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/30/25 23:51
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 22:10
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:42
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:20
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:48

Client Sample ID: A2-3_3-5_20250520
Date Collected: 05/20/25 11:30
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A2-3_3-5_20250520
Lab Sample ID: 460-326691-11
Date Collected: 05/20/25 11:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:03
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 12:25
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		5	1040467	JHP	EET EDI	05/30/25 19:58

Client Sample ID: A2-3_10-12_20250520
Lab Sample ID: 460-326691-12
Date Collected: 05/20/25 11:35
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2-3_10-12_20250520
Lab Sample ID: 460-326691-12
Date Collected: 05/20/25 11:35
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:03
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 12:51
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 20:16

Client Sample ID: A2-3_8-10_20250520
Lab Sample ID: 460-326691-13
Date Collected: 05/20/25 11:40
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A2-3_8-10_20250520
Lab Sample ID: 460-326691-13
Date Collected: 05/20/25 11:40
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:03
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 15:03
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:36
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 16:53

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A3_0-5_20250520
Date Collected: 05/20/25 14:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:41
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:41
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:32
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3_0-5_20250520
Date Collected: 05/20/25 14:00
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-14
Matrix: Solid
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 14:10
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 14:10
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:20
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 22:54
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 00:10
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 22:24
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:44
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:22
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:53

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A3_5-10_20250520

Date Collected: 05/20/25 14:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:43
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:43
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:34
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3_5-10_20250520

Date Collected: 05/20/25 14:10
Date Received: 05/20/25 17:00

Lab Sample ID: 460-326691-15

Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040354	JMS	EET EDI	05/29/25 20:32
Total/NA	Analysis	8270E		1	1040407	MDJ	EET EDI	05/30/25 12:43
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 14:23
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 23:10
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 00:29
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 22:38
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:47
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:24
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 14:20
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:54

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A3_10-15_20250520

Lab Sample ID: 460-326691-16

Date Collected: 05/20/25 14:15

Matrix: Solid

Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:46
TCLP	Leach	1311			1040849	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:45
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:36
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3_10-15_20250520

Lab Sample ID: 460-326691-16

Date Collected: 05/20/25 14:15

Matrix: Solid

Date Received: 05/20/25 17:00

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 08:18
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 14:36
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 23:27
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 00:48
Total/NA	Prep	3546			1040490	FHW	EET EDI	05/30/25 09:49
Total/NA	Analysis	NJDEP EPH		1	1040626	OXG	EET EDI	05/30/25 20:32
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		1	1040785	CDC	EET EDI	05/31/25 16:50
Total/NA	Prep	3050B			1040634	GAE	EET EDI	05/30/25 19:35
Total/NA	Analysis	6020B		10	1040785	CDC	EET EDI	05/31/25 17:01
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:26
Total/NA	Prep	3060A			1040600	PXP	EET EDI	05/31/25 07:40 - 05/31/25 08:40 [1]
Total/NA	Analysis	7196A		1	1040730	MNP	EET EDI	05/31/25 12:00
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:55

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A3-1_3-5_20250520
Lab Sample ID: 460-326691-17
Date Collected: 05/20/25 14:20
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3-1_3-5_20250520
Lab Sample ID: 460-326691-17
Date Collected: 05/20/25 14:20
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:04
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 13:44

Client Sample ID: A3-1_8-10_20250520
Lab Sample ID: 460-326691-18
Date Collected: 05/20/25 14:25
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3-1_8-10_20250520
Lab Sample ID: 460-326691-18
Date Collected: 05/20/25 14:25
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:04
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 14:10
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 20:34

Client Sample ID: A3-1_13-15_20250520
Lab Sample ID: 460-326691-19
Date Collected: 05/20/25 14:30
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A3-1_13-15_20250520
Lab Sample ID: 460-326691-19
Date Collected: 05/20/25 14:30
Matrix: Solid
Date Received: 05/20/25 17:00
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:04
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 14:36
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 20:53

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:38
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:28
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 13:56
Total/NA	Analysis	9095B		1	1041244	YAH	EET EDI	06/03/25 14:56
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B4_0-5_20250522
Lab Sample ID: 460-326806-1
Date Collected: 05/22/25 12:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/29/25 01:30
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 05:22
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 05:44
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 16:57
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 21:36
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:20
Total/NA	Prep	7471B			1040101	TJS	EET EDI	05/29/25 00:35
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 04:44
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040356	MMC	EET EDI	05/29/25 20:45
Total/NA	Analysis	9012B		1	1040549	AXP	EET EDI	05/30/25 13:12

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_5-10_20250522

Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05

Matrix: Solid

Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:41
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:30
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 13:57
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B4_5-10_20250522

Lab Sample ID: 460-326806-2

Date Collected: 05/22/25 12:05

Matrix: Solid

Date Received: 05/22/25 17:00

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/29/25 06:02
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 05:35
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 06:01
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 17:16
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 21:50
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:23
Total/NA	Prep	7471B			1040101	TJS	EET EDI	05/29/25 00:35
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 04:46
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040356	MMC	EET EDI	05/29/25 20:45
Total/NA	Analysis	9012B		1	1040549	AXP	EET EDI	05/30/25 13:13

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_10-15_20250522
Date Collected: 05/22/25 12:15
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:44
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:32
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 13:59
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B4_10-15_20250522
Date Collected: 05/22/25 12:15
Date Received: 05/22/25 17:00

Lab Sample ID: 460-326806-3
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/28/25 23:17
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 08:27
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 06:17
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 17:35
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 22:04
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:26
Total/NA	Prep	7471B			1040101	TJS	EET EDI	05/29/25 00:35
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 04:47
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040356	MMC	EET EDI	05/29/25 20:45
Total/NA	Analysis	9012B		1	1040549	AXP	EET EDI	05/30/25 13:14

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B4_15-20_20250522

Lab Sample ID: 460-326806-4

Date Collected: 05/22/25 14:00

Matrix: Solid

Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:47
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:34
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 14:01
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B4_15-20_20250522

Lab Sample ID: 460-326806-4

Date Collected: 05/22/25 14:00

Matrix: Solid

Date Received: 05/22/25 17:00

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/28/25 22:10
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 08:39
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 06:34
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 17:54
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 22:18
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:29
Total/NA	Prep	7471B			1040102	TJS	EET EDI	05/29/25 00:54
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 04:53
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 21:00

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5

Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	3010A			1040262	TAP	EET EDI	05/29/25 12:46
TCLP	Analysis	6020B		10	1040299	CDC	EET EDI	05/29/25 17:50
TCLP	Leach	1311			1040059	YAH	EET EDI	05/28/25 16:25 - 05/29/25 09:00 [1]
TCLP	Prep	7470A			1040495	JKF	EET EDI	05/30/25 10:12
TCLP	Analysis	7470A		1	1040602	JKF	EET EDI	05/30/25 16:35
Total/NA	Analysis	1030		1	1040031	YAH	EET EDI	05/28/25 14:53
Total/NA	Prep	7.3.3			1040298	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9014		1	1040300	HTV	EET EDI	05/29/25 14:45
Total/NA	Prep	7.3.4			1040296	HTV	EET EDI	05/29/25 09:30
Total/NA	Analysis	9034		1	1040301	HTV	EET EDI	05/29/25 14:45
Total/NA	Analysis	9045D		1	1040274	YAH	EET EDI	05/29/25 14:03
Total/NA	Analysis	Moisture		1	1039814	CJC	EET EDI	05/27/25 18:14

Client Sample ID: B1-B2_20-25_20250522
Lab Sample ID: 460-326806-5

Date Collected: 05/22/25 13:30
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1039939	SXS	EET EDI	05/28/25 08:54
Total/NA	Analysis	8270E		1	1040069	MME	EET EDI	05/28/25 21:48
Total/NA	Prep	3546			1039986	OTS	EET EDI	05/28/25 10:52
Total/NA	Analysis	8081B		1	1040105	FAM	EET EDI	05/29/25 08:52
Total/NA	Prep	3546			1039985	OTS	EET EDI	05/28/25 10:47
Total/NA	Analysis	8082A		1	1040114	FAM	EET EDI	05/29/25 06:51
Total/NA	Prep	8151A			1039660	AXB	EET EDI	05/28/25 06:24
Total/NA	Analysis	8151A		1	1039894	SAK	EET EDI	05/28/25 18:13
Total/NA	Prep	3546			1039957	FHW	EET EDI	05/28/25 09:28
Total/NA	Analysis	NJDEP EPH		1	1039829	JHP	EET EDI	05/28/25 22:32
Total/NA	Prep	3050B			1039885	FBT	EET EDI	05/28/25 06:24
Total/NA	Analysis	6020B		1	1039995	CDC	EET EDI	05/28/25 15:31
Total/NA	Prep	7471B			1040102	TJS	EET EDI	05/29/25 00:54
Total/NA	Analysis	7471B		1	1040161	TJS	EET EDI	05/29/25 05:04
Total/NA	Prep	3060A			1040450	MNP	EET EDI	05/30/25 09:00 - 05/30/25 10:00 [1]
Total/NA	Analysis	7196A		1	1040508	MNP	EET EDI	05/30/25 14:30
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 21:01

Client Sample ID: B4-1B_3-5_20250522
Lab Sample ID: 460-326806-6

Date Collected: 05/22/25 09:55
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B4-1B_3-5_20250522
Lab Sample ID: 460-326806-6
Date Collected: 05/22/25 09:55
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:20
Total/NA	Analysis	8015D		50	1040043	EMM	EET EDI	05/28/25 23:11
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		5	1040467	JHP	EET EDI	05/30/25 12:48

Client Sample ID: B4-1B_8-10_20250522
Lab Sample ID: 460-326806-7
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: B4-1B_8-10_20250522
Lab Sample ID: 460-326806-7
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:20
Total/NA	Analysis	8015D		50	1040043	EMM	EET EDI	05/28/25 23:37
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 13:15

Client Sample ID: B4-4_13-15_20250522
Lab Sample ID: 460-326806-8
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: B4-4_13-15_20250522
Lab Sample ID: 460-326806-8
Date Collected: 05/22/25 08:50
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:20
Total/NA	Analysis	8015D		500	1040218	EMM	EET EDI	05/29/25 16:56
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		10	1040467	JHP	EET EDI	05/30/25 14:30

Client Sample ID: B4-4_15-17_20250522
Lab Sample ID: 460-326806-9
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B4-4_15-17_20250522
Lab Sample ID: 460-326806-9
Date Collected: 05/22/25 09:05
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:21
Total/NA	Analysis	8015D		50	1040218	EMM	EET EDI	05/29/25 17:23
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 13:52

Client Sample ID: B1-4_20-22_20250522
Lab Sample ID: 460-326806-10
Date Collected: 05/22/25 13:35
Matrix: Solid
Date Received: 05/22/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1039517	CJC	EET EDI	05/25/25 12:56

Client Sample ID: B1-4_20-22_20250522
Lab Sample ID: 460-326806-10
Date Collected: 05/22/25 13:35
Matrix: Solid
Date Received: 05/22/25 17:00
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1039787	JCZ	EET EDI	05/27/25 13:21
Total/NA	Analysis	8015D		200	1040218	EMM	EET EDI	05/29/25 16:30
Total/NA	Prep	3546			1040060	ARA	EET EDI	05/28/25 18:27
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 14:11

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:49
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:46
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:40
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A4_0-5_20250521
Lab Sample ID: 460-326877-1
Date Collected: 05/21/25 08:50
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 12:29
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 14:49
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/30/25 23:44
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 01:07
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 22:52
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:44
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:28
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:22

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:52
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:48
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:42
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 12:48

Client Sample ID: A4_5-10_20250521
Lab Sample ID: 460-326877-2
Date Collected: 05/21/25 08:55
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 15:02
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 00:00
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 01:26
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 23:06
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:47
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:29
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:28

Client Sample ID: A4-3_3-5_20250521
Lab Sample ID: 460-326877-3
Date Collected: 05/21/25 09:00
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A4-3_3-5_20250521
Lab Sample ID: 460-326877-3
Date Collected: 05/21/25 09:00
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:05
Total/NA	Analysis	8015D		50	1040959	EMM	EET EDI	06/02/25 14:12

Client Sample ID: A4-3_8-10_20250521
Lab Sample ID: 460-326877-4
Date Collected: 05/21/25 09:05
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A4-3_8-10_20250521
Lab Sample ID: 460-326877-4
Date Collected: 05/21/25 09:05
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:05
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 16:38

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A4-3_8-10_20250521

Lab Sample ID: 460-326877-4

Date Collected: 05/21/25 09:05
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 21:12

Client Sample ID: B3_0-5_20250521

Lab Sample ID: 460-326877-5

Date Collected: 05/21/25 15:30
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:28
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 15:50
Total/NA	Analysis	1030		1	1041250	YAH	EET EDI	06/03/25 15:06
Total/NA	Prep	7.3.3			1040995	HTV	EET EDI	06/02/25 09:30
Total/NA	Analysis	9014		1	1040996	HTV	EET EDI	06/02/25 14:15
Total/NA	Prep	7.3.4			1040993	HTV	EET EDI	06/02/25 09:30
Total/NA	Analysis	9034		1	1041000	HTV	EET EDI	06/02/25 14:15
Total/NA	Analysis	9045D		1	1041013	MNP	EET EDI	06/02/25 16:25
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: B3_0-5_20250521

Lab Sample ID: 460-326877-5

Date Collected: 05/21/25 15:30
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040640	GXY	EET EDI	05/30/25 21:49
Total/NA	Analysis	8270E		1	1040833	YAH	EET EDI	06/01/25 19:21
Total/NA	Prep	3546			1040504	OTS	EET EDI	05/31/25 06:34
Total/NA	Analysis	8081B		1	1040876	FAM	EET EDI	06/02/25 06:40
Total/NA	Prep	3546			1040503	OTS	EET EDI	05/31/25 06:37
Total/NA	Analysis	8082A		1	1040886	FAM	EET EDI	06/02/25 13:33
Total/NA	Prep	8151A			1040667	BXP	EET EDI	05/31/25 04:52
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 23:14
Total/NA	Prep	3546			1040675	BJB	EET EDI	05/31/25 06:12
Total/NA	Analysis	NJDEP EPH		1	1040939	JHP	EET EDI	06/02/25 11:48
Total/NA	Prep	3050B			1040654	GAE	EET EDI	05/30/25 23:50
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 16:32
Total/NA	Prep	7471B			1040870	TJS	EET EDI	06/02/25 01:11
Total/NA	Analysis	7471B		1	1040960	TJS	EET EDI	06/02/25 06:12
Total/NA	Prep	3060A			1041206	MNP	EET EDI	06/03/25 12:00 - 06/03/25 13:00 [1]
Total/NA	Analysis	7196A		1	1041226	MNP	EET EDI	06/03/25 16:30
Total/NA	Prep	9012B			1040635	VBG	EET EDI	05/30/25 20:58
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 21:09

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_10-15_20250521
Date Collected: 05/21/25 15:35
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:07
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 16:15
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:44
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: B3_10-15_20250521
Date Collected: 05/21/25 15:35
Date Received: 05/21/25 17:00

Lab Sample ID: 460-326877-6
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 13:27
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 15:15
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 00:17
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 01:45
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 23:21
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:30
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:33
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:29

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3_15-20_20250521

Lab Sample ID: 460-326877-7

Date Collected: 05/21/25 15:40

Matrix: Solid

Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 17:54
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 16:17
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:50
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: B3_15-20_20250521

Lab Sample ID: 460-326877-7

Date Collected: 05/21/25 15:40

Matrix: Solid

Date Received: 05/21/25 17:00

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 13:47
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 15:28
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 00:34
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 02:04
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 23:35
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:33
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:35
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:30

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8

Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	3010A			1040974	TAP	EET EDI	06/02/25 12:34
TCLP	Analysis	6020B		10	1041049	CDC	EET EDI	06/02/25 18:14
TCLP	Leach	1311			1040850	YXG	EET EDI	06/01/25 15:06 - 06/02/25 09:00 [1]
TCLP	Prep	7470A			1041190	JKF	EET EDI	06/03/25 10:29
TCLP	Analysis	7470A		1	1041280	JKF	EET EDI	06/03/25 16:19
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:54
Total/NA	Analysis	Moisture		1	1040453	DAN	EET EDI	05/30/25 08:30

Client Sample ID: B3_5-10_20250521
Lab Sample ID: 460-326877-8

Date Collected: 05/21/25 15:45
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 14:06
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 15:41
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 00:50
Total/NA	Prep	8151A			1040404	AXB	EET EDI	05/30/25 05:32
Total/NA	Analysis	8151A		1	1040422	SAK	EET EDI	05/31/25 02:23
Total/NA	Prep	3546			1040491	FHW	EET EDI	05/30/25 09:58
Total/NA	Analysis	NJDEP EPH		1	1040627	OXG	EET EDI	05/30/25 23:49
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:41
Total/NA	Prep	7471B			1040378	TJS	EET EDI	05/30/25 00:43
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 04:40
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:31

Client Sample ID: B3-4_3-5_20250521
Lab Sample ID: 460-326877-9

Date Collected: 05/21/25 10:00
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B3-4_3-5_20250521
Lab Sample ID: 460-326877-9
Date Collected: 05/21/25 10:00
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:05
Total/NA	Analysis	8015D		50	1040959	EMM	EET EDI	06/02/25 14:39

Client Sample ID: B3-4_6-8_20250521
Lab Sample ID: 460-326877-10
Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B3-4_6-8_20250521
Lab Sample ID: 460-326877-10
Date Collected: 05/21/25 10:10
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:06
Total/NA	Analysis	8015D		50	1040357	EMM	EET EDI	05/30/25 17:04
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 21:49

Client Sample ID: B3-4_13-15_20250521
Lab Sample ID: 460-326877-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B3-4_13-15_20250521
Lab Sample ID: 460-326877-11
Date Collected: 05/21/25 10:15
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:06
Total/NA	Analysis	8015D		2500	1040357	EMM	EET EDI	05/30/25 20:58
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 22:08

Client Sample ID: B3-4_16-18_20250521
Lab Sample ID: 460-326877-12
Date Collected: 05/21/25 10:20
Matrix: Solid
Date Received: 05/21/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B3-4_16-18_20250521

Lab Sample ID: 460-326877-12
Date Collected: 05/21/25 10:20
Matrix: Solid
Date Received: 05/21/25 17:00
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:06
Total/NA	Analysis	8015D		2500	1040357	EMM	EET EDI	05/30/25 21:24
Total/NA	Prep	3546			1040454	BXP	EET EDI	05/30/25 08:37
Total/NA	Analysis	8015D		1	1040467	JHP	EET EDI	05/30/25 22:26

Client Sample ID: A1_0-5_20250519

Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:31
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 14:55
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:00
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_0-5_20250519

Lab Sample ID: 460-327048-1
Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 12:09
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 11:08
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 01:07
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 09:21
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 11:14
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:52
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:06
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 14:05

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_0-5_20250519

Lab Sample ID: 460-327048-1

Date Collected: 05/19/25 11:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:27

Client Sample ID: A1_5-10_20250519

Lab Sample ID: 460-327048-2

Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:39
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 14:57
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:04
Total/NA	Analysis	9095B		1	1040541	PXP	EET EDI	05/30/25 12:53
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_5-10_20250519

Lab Sample ID: 460-327048-2

Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 10:13
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 11:21
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 01:24
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 09:40
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 11:28
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:55
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:07
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 14:05

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: A1_5-10_20250519

Lab Sample ID: 460-327048-2
Date Collected: 05/19/25 11:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:28

Client Sample ID: A1_10-15_20250519

Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:42
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 14:58
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:06
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_10-15_20250519

Lab Sample ID: 460-327048-3
Date Collected: 05/19/25 12:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 10:33
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 11:34
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 01:40
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 09:59
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 12:10
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:58
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:09
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 14:05
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:29

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: A1_3-5_20250519
Lab Sample ID: 460-327048-4
Date Collected: 05/19/25 11:35
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_3-5_20250519
Lab Sample ID: 460-327048-4
Date Collected: 05/19/25 11:35
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:07
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 00:55

Client Sample ID: A1_8-10_20250519
Lab Sample ID: 460-327048-5
Date Collected: 05/19/25 11:40
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_8-10_20250519
Lab Sample ID: 460-327048-5
Date Collected: 05/19/25 11:40
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:07
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 01:21

Client Sample ID: A1_13-15_20250519
Lab Sample ID: 460-327048-6
Date Collected: 05/19/25 11:50
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: A1_13-15_20250519
Lab Sample ID: 460-327048-6
Date Collected: 05/19/25 11:50
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:07
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 01:47

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B1_0-5_20250519

Date Collected: 05/19/25 14:15
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:45
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 15:04
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:08
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_0-5_20250519

Date Collected: 05/19/25 14:15
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-7

Matrix: Solid
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 11:50
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 11:47
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 01:57
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 10:18
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 12:24
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 12:00
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:11
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 14:05
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:29

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:20
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 15:06
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:10
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_5-10_20250519
Lab Sample ID: 460-327048-8

Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 10:52
Total/NA	Prep	3546			1040502	OTS	EET EDI	05/30/25 10:27
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 12:00
Total/NA	Prep	3546			1040500	OTS	EET EDI	05/30/25 10:23
Total/NA	Analysis	8082A		1	1040621	JHP	EET EDI	05/31/25 02:14
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 09:02
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 12:38
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 12:03
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		3	1040431	TJS	EET EDI	05/30/25 07:16
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040629	VBG	EET EDI	05/30/25 19:45
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 19:30

Lab Chronicle

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Client Sample ID: B1_10-15_20250519
Date Collected: 05/19/25 14:45
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:47
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 15:07
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:12
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_10-15_20250519
Date Collected: 05/19/25 14:45
Date Received: 05/21/25 16:00

Lab Sample ID: 460-327048-9
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 11:11
Total/NA	Prep	3546			1040504	OTS	EET EDI	05/30/25 10:35
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 10:03
Total/NA	Prep	3546			1040503	OTS	EET EDI	05/30/25 10:29
Total/NA	Analysis	8082A		1	1040618	JHP	EET EDI	05/31/25 00:01
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 10:37
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 12:52
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 12:06
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 07:18
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1041029	MMC	EET EDI	06/02/25 18:07
Total/NA	Analysis	9012B		1	1041079	VBG	EET EDI	06/02/25 22:22

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	3010A			1041213	TAP	EET EDI	06/03/25 12:40
TCLP	Analysis	6020B		10	1041475	CDC	EET EDI	06/04/25 14:50
TCLP	Leach	1311			1041054	YAH	EET EDI	06/02/25 16:54 - 06/03/25 09:00 [1]
TCLP	Prep	7470A			1041430	JKF	EET EDI	06/04/25 10:18
TCLP	Analysis	7470A		1	1041508	JKF	EET EDI	06/04/25 15:09
Total/NA	Analysis	1030		1	1040554	YAH	EET EDI	05/30/25 13:51
Total/NA	Prep	7.3.3			1040610	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9014		1	1040615	HTV	EET EDI	05/30/25 14:45
Total/NA	Prep	7.3.4			1040607	HTV	EET EDI	05/30/25 10:00
Total/NA	Analysis	9034		1	1040617	HTV	EET EDI	05/30/25 14:45
Total/NA	Analysis	9045D		1	1040530	PXP	EET EDI	05/30/25 14:14
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_15-20_20250519
Lab Sample ID: 460-327048-10

Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1040352	JMS	EET EDI	05/29/25 20:31
Total/NA	Analysis	8270E		1	1040410	DXD	EET EDI	05/30/25 11:31
Total/NA	Prep	3546			1040504	OTS	EET EDI	05/30/25 10:35
Total/NA	Analysis	8081B		1	1040691	FAM	EET EDI	05/31/25 10:16
Total/NA	Prep	3546			1040503	OTS	EET EDI	05/30/25 10:34
Total/NA	Analysis	8082A		1	1040618	JHP	EET EDI	05/31/25 00:18
Total/NA	Prep	8151A			1040418	AXB	EET EDI	05/30/25 06:13
Total/NA	Analysis	8151A		1	1040694	SAK	EET EDI	05/31/25 10:56
Total/NA	Prep	3546			1040333	ARA	EET EDI	05/29/25 18:38
Total/NA	Analysis	NJDEP EPH		1	1040461	JHP	EET EDI	05/30/25 13:06
Total/NA	Prep	3050B			1040636	GAE	EET EDI	05/30/25 20:45
Total/NA	Analysis	6020B		1	1040770	CDC	EET EDI	05/31/25 11:49
Total/NA	Prep	7471B			1040379	TJS	EET EDI	05/30/25 01:23
Total/NA	Analysis	7471B		1	1040431	TJS	EET EDI	05/30/25 05:17
Total/NA	Prep	3060A			1040756	PXP	EET EDI	05/31/25 13:00 - 05/31/25 14:00 [1]
Total/NA	Analysis	7196A		1	1040950	MNP	EET EDI	06/02/25 15:05
Total/NA	Prep	9012B			1040633	VBG	EET EDI	05/30/25 20:54
Total/NA	Analysis	9012B		1	1040866	VBG	EET EDI	06/01/25 20:33

Client Sample ID: B1_3-5_20250519
Lab Sample ID: 460-327048-11

Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B1_3-5_20250519
Lab Sample ID: 460-327048-11
Date Collected: 05/19/25 14:20
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:08
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 02:14

Client Sample ID: B1_5-7_20250519
Lab Sample ID: 460-327048-12
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_5-7_20250519
Lab Sample ID: 460-327048-12
Date Collected: 05/19/25 14:30
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:08
Total/NA	Analysis	8015D		50	1040505	EMM	EET EDI	05/31/25 02:40

Client Sample ID: B1_17-19_20250519
Lab Sample ID: 460-327048-13
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_17-19_20250519
Lab Sample ID: 460-327048-13
Date Collected: 05/19/25 14:40
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:08
Total/NA	Analysis	8015D		50	1040959	EMM	EET EDI	06/02/25 15:05

Client Sample ID: B2_17-19_20250519
Lab Sample ID: 460-327048-14
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: B2_17-19_20250519
Lab Sample ID: 460-327048-14
Date Collected: 05/19/25 14:45
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:09
Total/NA	Analysis	8015D		5000	1040959	EMM	EET EDI	06/02/25 18:09

Client Sample ID: B1_13-15_20250519
Lab Sample ID: 460-327048-15
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1040350	CJC	EET EDI	05/29/25 20:13

Client Sample ID: B1_13-15_20250519
Lab Sample ID: 460-327048-15
Date Collected: 05/19/25 15:00
Matrix: Solid
Date Received: 05/21/25 16:00
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1040493	JCZ	EET EDI	05/30/25 10:09
Total/NA	Analysis	8015D		50	1040959	EMM	EET EDI	06/02/25 15:31

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

Laboratory References:

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

H-C Inc = Hampton-Clarke, Inc, 175 Route 46 West, Unit D, Fairfield, NJ 07004

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

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	03-31-26

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
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
NJDEP EPH	3546	Solid	Total EPH (C9-C40)

Method Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8015D	Gasoline Range Organics (GRO) (GC)	SW846	EET EDI
8015D	Diesel Range Organics (DRO) (GC)	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
NJDEP EPH	New Jersey Extractable Petroleum Hydrocarbons	NJDEP	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
7196A	Chromium, Hexavalent	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET EDI
9014	Cyanide, Reactive	SW846	EET EDI
9034	Sulfide, Reactive	SW846	EET EDI
9045D	pH	SW846	EET EDI
9095B	Paint Filter	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
Subcontract	EOX by 9023 + % Solids SM2540G	None	H-C Inc
1311	TCLP Extraction	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET EDI
3546	Microwave Extraction	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
NJDEP = New Jersey Department of Environmental Protection
None = None
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
H-C Inc = Hampton-Clarke, Inc, 175 Route 46 West, Unit D, Fairfield, NJ 07004

Sample Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326691-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326691-1	B2_0-5_20250520	Solid	05/20/25 09:00	05/20/25 17:00
460-326691-2	B2_5-10_20250520	Solid	05/20/25 09:05	05/20/25 17:00
460-326691-3	B2_10-15_20250520	Solid	05/20/25 09:10	05/20/25 17:00
460-326691-4	B2_15-20_20250520	Solid	05/20/25 09:15	05/20/25 17:00
460-326691-5	B2-2_3-5_20250520	Solid	05/20/25 08:45	05/20/25 17:00
460-326691-6	B2-2_8-10_20250520	Solid	05/20/25 08:50	05/20/25 17:00
460-326691-7	B2-2_13-15_20250520	Solid	05/20/25 08:55	05/20/25 17:00
460-326691-8	A2_0-5_20250520	Solid	05/20/25 12:00	05/20/25 17:00
460-326691-9	A2_5-10_20250520	Solid	05/20/25 12:05	05/20/25 17:00
460-326691-10	A2_10-15_20250520	Solid	05/20/25 12:10	05/20/25 17:00
460-326691-11	A2-3_3-5_20250520	Solid	05/20/25 11:30	05/20/25 17:00
460-326691-12	A2-3_10-12_20250520	Solid	05/20/25 11:35	05/20/25 17:00
460-326691-13	A2-3_8-10_20250520	Solid	05/20/25 11:40	05/20/25 17:00
460-326691-14	A3_0-5_20250520	Solid	05/20/25 14:00	05/20/25 17:00
460-326691-15	A3_5-10_20250520	Solid	05/20/25 14:10	05/20/25 17:00
460-326691-16	A3_10-15_20250520	Solid	05/20/25 14:15	05/20/25 17:00
460-326691-17	A3-1_3-5_20250520	Solid	05/20/25 14:20	05/20/25 17:00
460-326691-18	A3-1_8-10_20250520	Solid	05/20/25 14:25	05/20/25 17:00
460-326691-19	A3-1_13-15_20250520	Solid	05/20/25 14:30	05/20/25 17:00
460-326806-1	B4_0-5_20250522	Solid	05/22/25 12:00	05/22/25 17:00
460-326806-2	B4_5-10_20250522	Solid	05/22/25 12:05	05/22/25 17:00
460-326806-3	B4_10-15_20250522	Solid	05/22/25 12:15	05/22/25 17:00
460-326806-4	B4_15-20_20250522	Solid	05/22/25 14:00	05/22/25 17:00
460-326806-5	B1-B2_20-25_20250522	Solid	05/22/25 13:30	05/22/25 17:00
460-326806-6	B4-1B_3-5_20250522	Solid	05/22/25 09:55	05/22/25 17:00
460-326806-7	B4-1B_8-10_20250522	Solid	05/22/25 10:00	05/22/25 17:00
460-326806-8	B4-4_13-15_20250522	Solid	05/22/25 08:50	05/22/25 17:00
460-326806-9	B4-4_15-17_20250522	Solid	05/22/25 09:05	05/22/25 17:00
460-326806-10	B1-4_20-22_20250522	Solid	05/22/25 13:35	05/22/25 17:00
460-326877-1	A4_0-5_20250521	Solid	05/21/25 08:50	05/21/25 17:00
460-326877-2	A4_5-10_20250521	Solid	05/21/25 08:55	05/21/25 17:00
460-326877-3	A4-3_3-5_20250521	Solid	05/21/25 09:00	05/21/25 17:00
460-326877-4	A4-3_8-10_20250521	Solid	05/21/25 09:05	05/21/25 17:00
460-326877-5	B3_0-5_20250521	Solid	05/21/25 15:30	05/21/25 17:00
460-326877-6	B3_10-15_20250521	Solid	05/21/25 15:35	05/21/25 17:00
460-326877-7	B3_15-20_20250521	Solid	05/21/25 15:40	05/21/25 17:00
460-326877-8	B3_5-10_20250521	Solid	05/21/25 15:45	05/21/25 17:00
460-326877-9	B3-4_3-5_20250521	Solid	05/21/25 10:00	05/21/25 17:00
460-326877-10	B3-4_6-8_20250521	Solid	05/21/25 10:10	05/21/25 17:00
460-326877-11	B3-4_13-15_20250521	Solid	05/21/25 10:15	05/21/25 17:00
460-326877-12	B3-4_16-18_20250521	Solid	05/21/25 10:20	05/21/25 17:00
460-327048-1	A1_0-5_20250519	Solid	05/19/25 11:30	05/21/25 16:00
460-327048-2	A1_5-10_20250519	Solid	05/19/25 11:45	05/21/25 16:00
460-327048-3	A1_10-15_20250519	Solid	05/19/25 12:00	05/21/25 16:00
460-327048-4	A1_3-5_20250519	Solid	05/19/25 11:35	05/21/25 16:00
460-327048-5	A1_8-10_20250519	Solid	05/19/25 11:40	05/21/25 16:00
460-327048-6	A1_13-15_20250519	Solid	05/19/25 11:50	05/21/25 16:00
460-327048-7	B1_0-5_20250519	Solid	05/19/25 14:15	05/21/25 16:00
460-327048-8	B1_5-10_20250519	Solid	05/19/25 14:30	05/21/25 16:00
460-327048-9	B1_10-15_20250519	Solid	05/19/25 14:45	05/21/25 16:00
460-327048-10	B1_15-20_20250519	Solid	05/19/25 15:00	05/21/25 16:00
460-327048-11	B1_3-5_20250519	Solid	05/19/25 14:20	05/21/25 16:00
460-327048-12	B1_5-7_20250519	Solid	05/19/25 14:30	05/21/25 16:00
460-327048-13	B1_17-19_20250519	Solid	05/19/25 14:40	05/21/25 16:00

Sample Summary

Client: AKRF Inc
Job ID: 460-326691-1
Project/Site: 350 Grand Concourse, Bronx, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-327048-14	B2_17-19_20250519	Solid	05/19/25 14:45	05/21/25 16:00
460-327048-15	B1_13-15_20250519	Solid	05/19/25 15:00	05/21/25 16:00

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5052912
Project: 350 Grand Concourse

Sample ID: 460-326806-1
Lab#: AD52090-001
Matrix: Soil
Collection Date: 5/22/2025
Receipt Date: 5/29/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		88

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.4	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID:	**460-326806-2**	**Collection Date:**	**5/22/2025**
Lab#:	**AD52090-002**	**Receipt Date:**	**5/29/2025**
Matrix:	**Soil**		

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**86**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.7	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326806-3
Lab#: AD52090-003
Matrix: Soil

Collection Date: 5/22/2025
Receipt Date: 5/29/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326806-4
Lab#: AD52090-004
Matrix: Soil

Collection Date: 5/22/2025
Receipt Date: 5/29/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**71**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	12	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326806-5
Lab#: AD52090-005
Matrix: Soil

Collection Date: 5/22/2025
Receipt Date: 5/29/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**73**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	11	ND

NOTE: Soil Results are reported to Dry Weight

5052912

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74302.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326806-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 5/30/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			Other: N/A
Site: N/A	SSOW#: N/A			

AD52090

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G)	EOX by 9023 + % Solids SM2540G	Special Instructions/Note:
001	B4_0-5_20250522 (460-326806-1)	5/22/25	12:00 Eastern	G	Solid		X	See Attached Instructions
002	B4_5-10_20250522 (460-326806-2)	5/22/25	12:05 Eastern	G	Solid		X	See Attached Instructions
003	B4_10-15_20250522 (460-326806-3)	5/22/25	12:15 Eastern	G	Solid		X	See Attached Instructions
004	B4_15-20_20250522 (460-326806-4)	5/22/25	14:00 Eastern	G	Solid		X	See Attached Instructions
005	B1-B2_20-25_20250522 (460-326806-5)	5/22/25	13:30 Eastern	G	Solid		X	See Attached Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditstion compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/28/25	ET		5/29/25 9:00	ET
2		5/29/25 10:48	ET		5/29/25 10:43	ET
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1

ICOC No:
460-74302

Containers

Count	Container Type	Preservative
5	Soil Jar 4oz Plastic	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1, 2, 3, 4, 5	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5060209
Project: 350 Grand Concourse

Sample ID: 460-326691-1
Lab#: AD52158-001
Matrix: Soil
Collection Date: 5/20/2025
Receipt Date: 6/2/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.8	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-2
Lab#: AD52158-002
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**75**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	11	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-3
Lab#: AD52158-003
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**88**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.5	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-4
Lab#: AD52158-004
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**80**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	10	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-8
Lab#: AD52158-005
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-9
Lab#: AD52158-006
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**90**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-10
Lab#: AD52158-007
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**90**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-14
Lab#: AD52158-008
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**92**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.1	ND

Sample ID: 460-326691-15
Lab#: AD52158-009
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326691-16
Lab#: AD52158-010
Matrix: Soil

Collection Date: 5/20/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**89**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.4	ND

NOTE: Soil Results are reported to Dry Weight

Eurofins Edison
777 New Durhem Roed
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060209

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74343.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Hempton-Clerke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326691-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 6/4/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grend Concourse	Project #: 46036096			
Site: N/A	SSOW#: N/A			Other: N/A

AD52158

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Analysis Requested: SUB (EOX by 9023 + % Solids SM2540G; EOX by 9023 + % Solids SM2540G)	Special Instructions/Note:
001	B2_0-5_20250520 (460-326691-1)	5/20/25	09:00 Eastern	G	Solid	X	See Attached Instructions
002	B2_5-10_20250520 (460-326691-2)	5/20/25	09:05 Eastern	G	Solid	X	See Attached Instructions
003	B2_10-15_20250520 (460-326691-3)	5/20/25	09:10 Eastern	G	Solid	X	See Attached Instructions
004	B2_15-20_20250520 (460-326691-4)	5/20/25	09:15 Eastern	G	Solid	X	See Attached Instructions
005	A2_0-5_20250520 (460-326691-8)	5/20/25	12:00 Eastern	G	Solid	X	See Attached Instructions
006	A2_5-10_20250520 (460-326691-9)	5/20/25	12:05 Eastern	G	Solid	X	See Attached Instructions
007	A2_10-15_20250520 (460-326691-10)	5/20/25	12:10 Eastern	G	Solid	X	See Attached Instructions
008	A3_0-5_20250520 (460-326691-14)	5/20/25	14:00 Eastern	G	Solid	X	See Attached Instructions
009	A3_5-10_20250520 (460-326691-15)	5/20/25	14:10 Eastern	G	Solid	X	See Attached Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Leb ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	5/30/25	EET		6-2-25 9:00	ES
Relinquished by:	6-2-25 12:34	EET		6/2/25 12:39	HC
Relinquished by:			Received by:		

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.7

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060209

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74343.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326691-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 6/4/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grand Concourse	Project #: 46036096			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Special Instructions/Note:
AD52158						
010 A3_10-15_20250520 (460-326691-16)	5/20/25	14:15 Eastern	G	Solid	X	See Attached Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 5/30/25	Company: ESE	Received by:	Date/Time: 6-2-25 9:00	Company: FedEx
Relinquished by:	Date/Time: 6/2/25 12:34	Company: CCO	Received by:	Date/Time: 6/2/25 12:39	Company: FedEx
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

ICOC No:
460-74343

Containers

Count	Container Type	Preservative
10	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1, 2, 3, 4, 8, 9, 10, 14, 15, 16	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5060212
Project: 350 Grand Concourse

Sample ID: 460-326877-5
Lab#: AD52161-001
Matrix: Soil
Collection Date: 5/21/2025
Receipt Date: 6/2/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		88

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.5	ND

NOTE: Soil Results are reported to Dry Weight

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060212

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74344.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flennery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326877-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 6/4/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G) EOX by 9023 + % Solids SM2540G	Special Instructions/Note:
AD52161						
001 B3_0-5_20250521 (460-326877-5)	5/21/25	15:30 Eastern	G	Solid	X	See Attached Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/30/25	Eurofins		6.2.25 9:00	ESS
2	Relinquished by:	Date/Time: 6-2-25 12:34	Company CES	Received by:	Date/Time: 6/2/25 12:39	Company ET
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.7

6/13/2025

ICOC No:
460-74344

Containers

Count	Container Type	Preservative
1	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
5	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5060214
Project: 350 Grand Concourse

Sample ID: 460-326877-1
Lab#: AD52163-001
Matrix: Soil
Collection Date: 5/21/2025
Receipt Date: 6/2/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		90

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326877-2
Lab#: AD52163-002
Matrix: Soil

Collection Date: 5/21/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326877-6
Lab#: AD52163-003
Matrix: Soil

Collection Date: 5/21/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**89**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.4	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326877-7
Lab#: AD52163-004
Matrix: Soil

Collection Date: 5/21/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**74**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	11	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-326877-8
Lab#: AD52163-005
Matrix: Soil

Collection Date: 5/21/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**81**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	10	ND

NOTE: Soil Results are reported to Dry Weight

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060214

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74343.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-326877-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 6/4/2025			Preservation Codes: -
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Special Instructions/Note:
	AD52163						
001	A4_0-5_20250521 (460-326877-1)	5/21/25	08:50 Eastern	G	Solid	X	See Attachad Instructiona
002	A4_5-10_20250521 (460-326877-2)	5/21/25	08:55 Eastern	G	Solid	X	Sea Attached Instructiona
003	B3_10-15_20250521 (460-326877-6)	5/21/25	15:35 Eastern	G	Solid	X	See Attached Instructions
004	B3_15-20_20250521 (460-326877-7)	5/21/25	15:40 Eastern	G	Solid	X	Sea Attachad Instructiona
005	B3_5-10_20250521 (460-326877-8)	5/21/25	15:45 Eastern	G	Solid	X	Sea Attachad Instructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/30/25			6/2/25 9:00	
2	Relinquished by:	Date/Time: 6/2/25 12:54	Company	Received by:	Date/Time: 6/2/25 12:39	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.7

6/13/2025

iCOC No:
460-74343

Containers

Count	Container Type	Preservative
5	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample iDs	Method	Method Description	Method Comments
1, 2, 6, 7, 8	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Hampton-Clarke Report Of Analysis

Client: Eurofins Environment Testing Northeast
HC Project #: 5060216
Project: 350 Grand Concourse

Sample ID: 460-327048-1
Lab#: AD52165-001
Matrix: Soil
Collection Date: 5/19/2025
Receipt Date: 6/2/2025

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		90

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID:	**460-327048-2**	**Collection Date:**	**5/19/2025**
Lab#:	**AD52165-002**	**Receipt Date:**	**6/2/2025**
Matrix:	**Soil**		

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**93**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.0	ND

Sample ID: 460-327048-3
Lab#: AD52165-003
Matrix: Soil

Collection Date: 5/19/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**89**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.4	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID:	**460-327048-7**	**Collection Date:**	**5/19/2025**
Lab#:	**AD52165-004**	**Receipt Date:**	**6/2/2025**
Matrix:	**Soil**		

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**90**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID:	**460-327048-8**	**Collection Date:**	**5/19/2025**
Lab#:	**AD52165-005**	**Receipt Date:**	**6/2/2025**
Matrix:	**Soil**		

%Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	**1**	**percent**		**90**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.3	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-327048-9
Lab#: AD52165-006
Matrix: Soil

Collection Date: 5/19/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**91**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.2	ND

NOTE: Soil Results are reported to Dry Weight

Sample ID: 460-327048-10
Lab#: AD52165-007
Matrix: Soil

Collection Date: 5/19/2025
Receipt Date: 6/2/2025

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**88**

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	9.5	ND

NOTE: Soil Results are reported to Dry Weight

Eurofins Edison
777 New Durham Roed
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

5060216

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flennery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-74343.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flennery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-327048-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 5/28/2025			
City: Fairfield	TAT Requested (days): N/A			
State, Zip: NJ, 07004				
Phone: N/A	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 350 Grend Concourse, Bronx, NY	Project #: 46036096			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

AD52165

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023 + % Solids SM2540G; EOX by 9023 + % Solids SM2540G)	Special Instructions/Note:
001	A1-0-5_20250519 (460-327048-1)	5/19/25	11:30 Eastern	G	Solid	X	See Attached Inatructions
002	A1-5-10_20250519 (460-327048-2)	5/19/25	11:45 Eastern	G	Solid	X	See Attached Instructions
003	A1-10-15_20250519 (460-327048-3)	5/19/25	12:00 Eastern	G	Solid	X	See Attached Inatructions
004	B1-0-5_20250519 (460-327048-7)	5/19/25	14:15 Eastern	G	Solid	X	See Attached Inatructions
005	B1-5-10_20250519 (460-327048-8)	5/19/25	14:30 Eastern	G	Solid	X	See Attached Inatructions
006	B1-10-15_20250519 (460-327048-9)	5/19/25	14:45 Eastern	G	Solid	X	See Attached Inatructions
007	B1-15-20_20250519 (460-327048-10)	5/19/25	15:00 Eastern	G	Solid	X	See Attached Inatructions

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposel By Leb ☐ Archive For _____ Months
Delivereble Requested: I, II, III, IV, Other (specify) Primery Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Dete:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	5/30/25	[illegible]	[signature]	6/2/25 12:40	HC
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.7

6/13/2025

ICOC No:
460-74343

Containers

Count	Container Type	Preservative
7	Soil jar 4oz - clear glass	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1, 2, 3, 7, 8, 9, 10	SUBCONTRACT	SUB (EOX by 9023 + % Solids SM2540G)/ EOX by 9023 + % Solids SM2540G	Level 1 report

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins

Client Information	Sampler:	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194889-127496.3
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: ~~Page 3 of 3~~ 1 of 2
Company: AKRF Inc	PWSID:	Analysis Requested		Job #: 326691
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			Preservation Codes: N None
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			Other 326691

460-326691 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1030, 6020B, 7196A, 7471B, 8081B, 8082A, 8161A, 8270E, 9012B, 9014, ReactiveCN, 9034, Reactive, 9045D, NJEPH	6020B, 7470A	SUBCONTRACT EOX by 9023 + % Solids SM2540G	9095B Paint Filter	TPH - DRO +GRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N			
B2-0-5_20250520	5/20/25	0900	C	Solid			X	X	X				1
B2-5-10_20250520		0905	↓	Solid			X	X	X				2
B2-10-15_20250520		0910	↓	Solid			X	X	X				3
B2-15-20_20250520		0915	↓	Solid			X	X	X				4
B2-3-5_20250520		0845	G	Solid							X		5
B2-8-10_20250520		0850	↓	Solid							X		6
B2-13-15_20250520		0855	↓	Solid							X		7
A2-0-5_20250520		1200	C	Solid			X	X	X				8
A2-5-10_20250520		1205	↓	Solid			X	X	X				9
A2-10-15_20250520		1210	↓				X	X	X				10
A2-3-3-5_20250520	↓	1130	G								X		11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements: Report SDG open; NJDEP Required

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: [signature]	Date/Time: 5/20/25	Company: AKRF	Received by: [signature] 05-20-25 Date/Time: 3:20PM Company: ETA
Relinquished by: [signature] 05-20-25	Date/Time: 1700 ETA	Company	Received by: [signature] Date/Time: 5/20/25 24:00 Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: 17:00 Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: On ice

Cooler Temperature(s) °C and Other Remarks: 4.0/4.4 °C IR#9

Ver: 10/10/2024

Chain of Custody Record 761315

eurofins | Environment Testing

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Tim Wiles	Site Contact: M Mw	Date: 5/20/25	COC No: 2 of 2 COCs
Company Name: ALR	Tel/Email	Lab Contact:	Carrier:	Sampler:
Address	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
Phone	TAT if different from Below _____			Lab Sampling:
Fax:	☐ 2 weeks			
Project Name: 350 Grand Avenue	☐ 1 week			Job / SDG No. 326691
Site	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	1030, 6020B, 7196A	7471B, 8081B, 8082A	8151A, 8270E, 9012B	9014_Reactive CN	9034_Reactive S	9045D	9251	300.0_Sulfate	6010B, 7470A	EDX by 9013/9056A	TPH-DRO (8015D)	Sample Specific Notes.
AZ-3-10-12_20250520	5/20/25	1135	G	Water	3												X		-12
AZ-3-8-10_20250520		1140	↓		3												X		-13
A3-0-5_20250520		1400	C		3			X	X	X	X	X	X	X	X	X			-14
A3-5-10_20250520		1410	↓		3			X	X	X	X	X	X	X	X	X			-15
A3-10-15_20250520		1415	↓		3			X	X	X	X	X	X	X	X	X			-16
A3-1-3-5_20250520		1420	G		3												X		-17
A3-1-8-10_20250520		1425	↓		3												X		-18
A3-1-13-15_20250520	↓	1430	↓	↓	3												X		-19

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No. _____	
Relinquished by:	Company: ALR	Date/Time: 5/20/25	Received by:	Company: ETA 05-20-25	Date/Time: 3:30PM	
Relinquished by: ETA	Company: 05-20-25 1700	Date/Time:	Received by:	Company:	Date/Time: 5/21/25	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:	

On ice

4.0/4.4 °c IR#9

6/18/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326691

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	4.0 °C	4.4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: [illegible] Date: 5/20/25

B1

Chain of Custody Record

674145

eurofins | Environment Testing America

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ken Wells	Site Contact:	Date: 5/22/25	COC No:
Company Name: AKRF	Tel/Email	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave S, Fl 7	Analysis Turnaround Time			Sampler:
City/State/Zip: NY NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 350 Grand Concourse	☐ 1 week			Job / SDG No.
Site:	☐ 2 days			326866
P O #	☐ 1 day			326866

SHC
HOI

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
B4_0-5_20250522	5/22/25	1200	C	Solid	3			-1
B4_5-10_20250522		1205						-2
B4_10-15_20250522		1215						-3
B4_15-20_20250522		1400						-4
B1-B2_20-25_20250522		1330						-5
B4-B3_3-5_20250522		0955	G					-6
B4-B3_8-10_20250522		1000						-7
B4-4_13-15_20250522		0850						-8
B4-4_15-17_20250522		0905						-9
B1-4_20-22_20250522		1335						-10

460-326806 Chain of Custody

Elmsford 272

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

CLOSE SDG; NJ Reduced ON ice

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	AKRF	5/22/25	[signature] ETA 05-22-25		4:00 PM
[signature]	ETA 05-22-25		[signature]	ETA	5/22/25 1700
	Company	Date/Time:	Received in Laboratory by	Company	Date/Time:

6/13/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326806

Number of Coolers: 1 IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	°C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below

Sample No(s) adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

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.*

Initials PN Date: 5/24/25

Chain of Custody Record 761314

eurofins | Environment Testing

ddress. NYC 222

WC

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ken Wiles	Site Contact: M Miller	Date: 5/21/25
Company Name: AKRF	Tel/Email	Lab Contact:	Carrier:
Address: 440 Park Ave S Fl	Analysis Turnaround Time		
City/State/Zip: NY NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS		
Phone:	TAT if different from Below		
Fax:	☐ 2 weeks		
Project Name: 350 Grand Concourse	☐ 1 week		
Site:	☐ 2 days		
P O #	☐ 1 day		

COC No: 1 of 1 COCs

Sampler:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.: 326877

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	1030,6020B 7196A	7471B,8081B,8082A	8151A,8270E,9010B	9014-Reactive CN	9034 - Reactive	9045D	NJ EPH	6020B 7470A	EOX by 9023 or % Solid	TPH-GRO 1D120	Sample Specific Notes:
A4-0-5_20250521	5/21/25	0850	C	Solid	3			X	X	X	X	X	X	X	X			1
A4-5-10_20250521		0855	C		3			X	X	X	X	X	X	X	X			2
A4-3-3-5_20250521		0900	G		3											X		3
A4-3-8-10_20250521		0905	G		3											X		4
B3-0-5_20250521		1530	C		3			X	X	X	X	X	X	X	X			5
B3-10-15_20250521		1535						X	X	X	X	X	X	X	X			6
B3-15-20_20250521		1540						X	X	X	X	X	X	X	X			7
B3-5-10_20250521		1545	↓					X	X	X	X	X	X	X	X			8
B3-4-3-5_20250521		1000	G													X		9
B3-4-6-8_20250521		1010														X		10
B3-4-13-15_20250521		1015														X		11
B3-4-16-18_20250521	↓	1020	↓	↓	↓													12

460-326877 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

NJ Reduced; keep SDG open

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C): Obs'd. 3.4 Corr'd. 3.8 | Therm ID No.: 9

	Company	Date/Time		Company	Date/Time
Relinquished by: M Miller	AKRF	5/21/25 1700	Received by:	TA NYC	05/21/25 17 00
Relinquished by:	TA NYC	05/21/25 17 30	Received by:		
Relinquished by:	Company	Date/Time	Received in Laboratory by:	Company	Date/Time:

6/13/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326877

Number of Coolers: 1 IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.4 °C	3.4 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials _____ Date: _____

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

YC 223

Chain of Custody Record

UC

eurofins

Client Information	Sampler: M Miller	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194889-127496.1
Client Contact: Mr Kenneth Wiles	Phone: (631) 357-9404	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: AKRF Inc	PWSID:			Job #: 327048
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None

460-327048 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1030, 6020B, 7196A, 7471B, 8081B, 8082A, 8151A, 8270E, 9012B, 9014, 9014_ReactiveCN, 9034_Reactive, 9046D, NJEPH	6020B, 7470A	SUBCONTRACT EOX by 9023 + % Solids SM2540G	9095B Paint Filter	TPH-GRO /DRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N			
A1-0-5_20250519	5/19/25	1130	C	Solid			X	X	X			3	
A1-5-10_20250519		1145		Solid			X	X	X	X			
A1-10-15_20250519		1200	↓	Solid			X	X	X				
A1-3-5_20250519		1135	G	Solid							X		
A1-8-10_20250519		1140		Solid							X		
A1-13-15_20250519		1150	↓	Solid							X		
B1-0-5_20250519		1415	C	Solid			X	X	X				
B1-5-10_20250519		1430		Solid			X	X	X				
B1-10-15_20250519		1445		Solid			X	X	X				
B1-15-20_20250519		1500	↓	Solid			X	X	X				
B1-3-5_20250519	↓	1420	G	Solid							X	↓	

Other:

Page 412 of 418

1 2 3 4 5 6 7 8 9 10 11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements: Reprive SDG open; NJ Reduced 5.2°C

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	M Miller	5/19/25 1845	AKRF			
2		05/20/25 17.00	TA NYC			
3				Rosen	5/21 1606	BTA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

6/13/2025

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

NYC 222

Chain of Custody Record

WC

eurofins

Client Information	Sampler	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-194889-127496.2
Client Contact: Mr Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: AKRF Inc	PWSID:			Job #: 329048
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf com	WO #:			
Project Name: 350 Grand Concourse Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1030, 6020B, 7196A, 7471B, 8081B, 8082A, 8151A, 8270E, 9012B, 9014_ReactiveCN, 9034_Reactive, 9045D, NJEPH	6020B, 7470A	SUBCONTRACT EOX by 9023 + % Solids SM2540G	8095B Paint Filter	TPH - GRO/DRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N			
B1-5-7_20250519	5/19/25	1430	G	Solid							X	3	
B1-17-19_20250519	↓	1440	↓	Solid							X	3	
B2-17-19_20250519	↓	1445	G	Solid							X	3	
B1-13-15_20250519	↓	1500	G	Solid							X	3	
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									

Page 413 of 418

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements: 5.2°C

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/19/25 1845	AKRF		05/19/25 18:45	TA NYC
2		05/19/25 1900	TA NYC		Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/21 1600	Company ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks.

Ver 10/10/2024

6/13/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number: 320048

Number of Coolers: _____ IR Gun # _____

Cooler Temperatures

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

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: DONE Date: 12/2/19

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326691-1

Login Number: 326691
List Number: 1
Creator: Casallas, Angela C

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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.	False	Refer to Job Narrative for details.
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326691-1

Login Number: 326806
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	False	
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.	False	
Is the Field Sampler's name present on COC?	False	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326691-1

Login Number: 326877
List Number: 1
Creator: Khlungprakhon, Sukanya

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326691-1

Login Number: 327048
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kenneth Wiles
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Generated 6/13/2025 8:48:07 AM

JOB DESCRIPTION

350 Grand Concourse, Bronx, NY

JOB NUMBER

460-326802-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

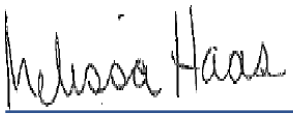
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
6/13/2025 8:48:07 AM

Authorized for release by
Melissa Haas, Senior Project Manager
Melissa.Haas@et.eurofinsus.com
Designee for
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
Isotope Dilution Summary 17
QC Sample Results 20
QC Association Summary 41
Lab Chronicle 43
Certification Summary 44
Method Summary 46
Sample Summary 47
Chain of Custody 48
Receipt Checklists 54

Definitions/Glossary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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
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

Job ID: 460-326802-1 Eurofins Edison

Job Narrative
460-326802-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 samples were received on 5/20/2025 5:00 PM, 5/21/2025 4:00 PM and 5/21/2025 5:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody for the following job: 460- 327253

PFAS
Method 1633_Final - SPLP East: Analyte Perfluorooctanoic acid (PFOA) was marked as non-detect for sample SB-08_0-2_20250520 (460-326802-1) due to a detection below RL and failing ion ratio.

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

Detection Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326802-1

Client Sample ID: SB-08_0-2_20250520 — Lab Sample ID: 460-326802-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	1.81		1.80	0.54	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanoic acid (PFHxA)	1.49	J	1.80	0.45	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanoic acid (PFHpA)	0.83	J	1.80	0.72	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	2.36		1.80	0.45	ng/L	1		Draft-4 1633	SPLP East
Perfluorodecanoic acid (PFDA)	1.86		1.80	0.45	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	15.5		1.80	0.45	ng/L	1		Draft-4 1633	SPLP East

Client Sample ID: R1-SB-21_0-2_20250520 — Lab Sample ID: 460-326802-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	0.58	J	1.83	0.46	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanoic acid (PFOA)	1.26	J	1.83	0.82	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	1.25	J	1.83	0.46	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	19.0		1.83	0.46	ng/L	1		Draft-4 1633	SPLP East

Client Sample ID: IRM-EX-025_7.5_20250520 — Lab Sample ID: 460-326802-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	3.72		1.88	0.56	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanoic acid (PFHxA)	4.07		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanoic acid (PFHpA)	2.64		1.88	0.75	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanoic acid (PFOA)	17.6		1.88	0.84	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	2.02		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorodecanoic acid (PFDA)	0.66	J	1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanesulfonic acid (PFHxS)	0.90	J	1.88	0.75	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	60.0		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East

Client Sample ID: SB-01_0-2_20250520 — Lab Sample ID: 460-326802-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.96	J	3.75	1.03	ng/L	1		Draft-4 1633	SPLP East
Perfluoropentanoic acid (PFPeA)	5.34		1.88	0.56	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanoic acid (PFHxA)	3.71		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanoic acid (PFHpA)	3.28		1.88	0.75	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanoic acid (PFOA)	17.0		1.88	0.84	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	3.32		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorodecanoic acid (PFDA)	2.15		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorobutanesulfonic acid (PFBS)	0.62	J	1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanesulfonic acid (PFHxS)	22.9		1.88	0.75	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanesulfonic acid (PFHpS)	0.70	J	1.88	0.47	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	66.7		1.88	0.47	ng/L	1		Draft-4 1633	SPLP East

Client Sample ID: SB-09_0-2_20250519 — Lab Sample ID: 460-327253-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.41	J	3.25	0.89	ng/L	1		Draft-4 1633	SPLP East
Perfluoropentanoic acid (PFPeA)	1.36	J	1.63	0.49	ng/L	1		Draft-4 1633	SPLP East
Perfluorohexanoic acid (PFHxA)	1.55	J	1.63	0.41	ng/L	1		Draft-4 1633	SPLP East
Perfluoroheptanoic acid (PFHpA)	0.83	J	1.63	0.65	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanoic acid (PFOA)	1.80		1.63	0.73	ng/L	1		Draft-4 1633	SPLP East
Perfluorononanoic acid (PFNA)	1.26	J	1.63	0.41	ng/L	1		Draft-4 1633	SPLP East
Perfluorodecanoic acid (PFDA)	1.42	J	1.63	0.41	ng/L	1		Draft-4 1633	SPLP East

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: SB-09_0-2_20250519 (Continued)
Lab Sample ID: 460-327253-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	1.14	J	1.63	0.41	ng/L	1		Draft-4 1633	SPLP East
Perfluorooctanesulfonic acid (PFOS)	2.62		1.63	0.41	ng/L	1		Draft-4 1633	SPLP East

This Detection Summary does not include radiochemical test results.

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SB-08_0-2_20250520
Lab Sample ID: 460-326802-1
Date Collected: 05/20/25 13:00
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.59	U	3.59	0.99	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoropentanoic acid (PFPeA)	**1.81**		1.80	0.54	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorohexanoic acid (PFHxA)	**1.49**	**J**	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoroheptanoic acid (PFHpA)	**0.83**	**J**	1.80	0.72	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorooctanoic acid (PFOA)	2.05	U	2.05	2.05	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorononanoic acid (PFNA)	**2.36**		1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorodecanoic acid (PFDA)	**1.86**		1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoroundecanoic acid (PFUnA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorododecanoic acid (PFDoA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorotridecanoic acid (PFTrDA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorotetradecanoic acid (PFTeDA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorobutanesulfonic acid (PFBS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoropentanesulfonic acid (PFPeS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorohexanesulfonic acid (PFHxS)	1.80	U	1.80	0.72	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoroheptanesulfonic acid (PFHpS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorooctanesulfonic acid (PFOS)	**15.5**		1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorononanesulfonic acid (PFNS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorodecanesulfonic acid (PFDS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorododecanesulfonic acid (PFDoS)	1.80	U	1.80	0.54	ng/L		06/10/25 10:23	06/11/25 10:33	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.59	U	3.59	0.90	ng/L		06/10/25 10:23	06/11/25 10:33	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.59	U	3.59	0.90	ng/L		06/10/25 10:23	06/11/25 10:33	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.59	U	3.59	0.90	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluorooctanesulfonamide (PFOSA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.99	U	8.99	2.25	ng/L		06/10/25 10:23	06/11/25 10:33	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.99	U	8.99	2.25	ng/L		06/10/25 10:23	06/11/25 10:33	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.80	U	1.80	0.67	ng/L		06/10/25 10:23	06/11/25 10:33	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1

Client Sample ID: SB-08_0-2_20250520
Lab Sample ID: 460-326802-1
Date Collected: 05/20/25 13:00
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.80	U	1.80	0.45	ng/L		06/10/25 10:23	06/11/25 10:33	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.59	U	3.59	0.90	ng/L		06/10/25 10:23	06/11/25 10:33	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.99	U	8.99	2.52	ng/L		06/10/25 10:23	06/11/25 10:33	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.99	U	8.99	2.25	ng/L		06/10/25 10:23	06/11/25 10:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*97.7*		*5 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C5-PFPeA	*93.8*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C5-PFHxA	*93.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C4-PFHpA	*90.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C8-PFOA	*91.0*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C9-PFNA	*95.4*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C6-PFDA	*91.0*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C7-PFUnA	*101*		*30 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2-PFTeDA	*70.0*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C3-PFBS	*96.4*		*40 - 135*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C3-PFHxS	*90.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C8-PFOS	*89.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C8-PFOSA	*77.1*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
d3-NMeFOSAA	*83.3*		*40 - 170*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
d5-NEtFOSAA	*67.2*		*25 - 135*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2 4:2 FTS	*118*		*40 - 200*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2 6:2 FTS	*118*		*40 - 200*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2 8:2 FTS	*92.4*		*40 - 300*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C3-HFPO-DA	*89.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
D7-NMeFOSE	*56.3*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
D9-NEtFOSE	*48.2*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
d5-NEtPFOSA	*66.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
d3-NMePFOSA	*68.2*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*
13C2 PFDoA	*90.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:33*	*1*

Client Sample ID: R1-SB-21_0-2_20250520
Lab Sample ID: 460-326802-3
Date Collected: 05/20/25 11:00
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.66	U	3.66	1.01	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoropentanoic acid (PFPeA)	1.83	U	1.83	0.55	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorohexanoic acid (PFHxA)	**0.58**	**J**	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoroheptanoic acid (PFHpA)	1.83	U	1.83	0.73	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorooctanoic acid (PFOA)	**1.26**	**J**	1.83	0.82	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorononanoic acid (PFNA)	**1.25**	**J**	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorodecanoic acid (PFDA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoroundecanoic acid (PFUnA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorododecanoic acid (PFDoA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: R1-SB-21_0-2_20250520
Lab Sample ID: 460-326802-3
Date Collected: 05/20/25 11:00
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTrDA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorotetradecanoic acid (PFTeDA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorobutanesulfonic acid (PFBS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoropentanesulfonic acid (PFPeS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorohexanesulfonic acid (PFHxS)	1.83	U	1.83	0.73	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoroheptanesulfonic acid (PFHpS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorooctanesulfonic acid (PFOS)	**19.0**		1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorononanesulfonic acid (PFNS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorodecanesulfonic acid (PFDS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorododecanesulfonic acid (PFDoS)	1.83	U	1.83	0.55	ng/L		06/10/25 10:23	06/11/25 10:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.66	U	3.66	0.92	ng/L		06/10/25 10:23	06/11/25 10:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.66	U	3.66	0.92	ng/L		06/10/25 10:23	06/11/25 10:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.66	U	3.66	0.92	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluorooctanesulfonamide (PFOSA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.15	U	9.15	2.29	ng/L		06/10/25 10:23	06/11/25 10:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.15	U	9.15	2.29	ng/L		06/10/25 10:23	06/11/25 10:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.83	U	1.83	0.69	ng/L		06/10/25 10:23	06/11/25 10:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.83	U	1.83	0.46	ng/L		06/10/25 10:23	06/11/25 10:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.66	U	3.66	0.92	ng/L		06/10/25 10:23	06/11/25 10:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.15	U	9.15	2.56	ng/L		06/10/25 10:23	06/11/25 10:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.15	U	9.15	2.29	ng/L		06/10/25 10:23	06/11/25 10:46	1

Client Sample ID: R1-SB-21_0-2_20250520
Lab Sample ID: 460-326802-3

Date Collected: 05/20/25 11:00
Matrix: Solid
Date Received: 05/20/25 17:00

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4-PFBA	98.9		5 - 130	06/10/25 10:23	06/11/25 10:46	1
13C5-PFPeA	93.8		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C5-PFHxA	93.3		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C4-PFHpA	96.0		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C8-PFOA	97.1		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C9-PFNA	96.2		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C6-PFDA	95.8		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C7-PFUnA	104		30 - 130	06/10/25 10:23	06/11/25 10:46	1
13C2-PFTeDA	81.3		10 - 130	06/10/25 10:23	06/11/25 10:46	1
13C3-PFBS	98.9		40 - 135	06/10/25 10:23	06/11/25 10:46	1
13C3-PFHxS	93.5		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C8-PFOS	92.3		40 - 130	06/10/25 10:23	06/11/25 10:46	1
13C8-PFOSA	81.6		40 - 130	06/10/25 10:23	06/11/25 10:46	1
d3-NMeFOSAA	81.3		40 - 170	06/10/25 10:23	06/11/25 10:46	1
d5-NEtFOSAA	68.2		25 - 135	06/10/25 10:23	06/11/25 10:46	1
13C2 4:2 FTS	109		40 - 200	06/10/25 10:23	06/11/25 10:46	1
13C2 6:2 FTS	109		40 - 200	06/10/25 10:23	06/11/25 10:46	1
13C2 8:2 FTS	85.0		40 - 300	06/10/25 10:23	06/11/25 10:46	1
13C3-HFPO-DA	94.6		40 - 130	06/10/25 10:23	06/11/25 10:46	1
D7-NMeFOSE	68.2		10 - 130	06/10/25 10:23	06/11/25 10:46	1
D9-NEtFOSE	63.6		10 - 130	06/10/25 10:23	06/11/25 10:46	1
d5-NEtPFOSA	72.4		10 - 130	06/10/25 10:23	06/11/25 10:46	1
d3-NMePFOSA	78.6		10 - 130	06/10/25 10:23	06/11/25 10:46	1
13C2 PFDoA	97.3		10 - 130	06/10/25 10:23	06/11/25 10:46	1

Client Sample ID: IRM-EX-025_7.5_20250520
Lab Sample ID: 460-326802-5

Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.75	U	3.75	1.03	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoropentanoic acid (PFPeA)	**3.72**		1.88	0.56	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorohexanoic acid (PFHxA)	**4.07**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoroheptanoic acid (PFHpA)	**2.64**		1.88	0.75	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorooctanoic acid (PFOA)	**17.6**		1.88	0.84	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorononanoic acid (PFNA)	**2.02**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorodecanoic acid (PFDA)	**0.66**	**J**	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoroundecanoic acid (PFUnA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorododecanoic acid (PFDoA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorotridecanoic acid (PFTrDA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorotetradecanoic acid (PFTeDA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorobutanesulfonic acid (PFBS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoropentanesulfonic acid (PFPeS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorohexanesulfonic acid (PFHxS)	**0.90**	**J**	1.88	0.75	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoroheptanesulfonic acid (PFHpS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorooctanesulfonic acid (PFOS)	**60.0**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorononanesulfonic acid (PFNS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: IRM-EX-025_7.5_20250520
Lab Sample ID: 460-326802-5
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorododecanesulfonic acid (PFDoS)	1.88	U	1.88	0.56	ng/L		06/10/25 10:23	06/11/25 11:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluorooctanesulfonamide (PFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.38	U	9.38	2.34	ng/L		06/10/25 10:23	06/11/25 11:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.38	U	9.38	2.34	ng/L		06/10/25 10:23	06/11/25 11:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	U	1.88	0.70	ng/L		06/10/25 10:23	06/11/25 11:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.38	U	9.38	2.63	ng/L		06/10/25 10:23	06/11/25 11:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.38	U	9.38	2.34	ng/L		06/10/25 10:23	06/11/25 11:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*97.4*		*5 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C5-PFPeA	*92.4*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C5-PFHxA	*91.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C4-PFHpA	*94.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C8-PFOA	*95.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C9-PFNA	*89.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C6-PFDA	*83.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C7-PFUnA	*84.9*		*30 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2-PFTeDA	*64.3*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*

Client Sample ID: IRM-EX-025_7.5_20250520
Lab Sample ID: 460-326802-5

Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-PFBS	*91.1*		*40 - 135*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C3-PFHxS	*84.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C8-PFOS	*71.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C8-PFOSA	*76.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
d3-NMeFOSAA	*82.8*		*40 - 170*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
d5-NEtFOSAA	*70.2*		*25 - 135*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2 4:2 FTS	*137*		*40 - 200*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2 6:2 FTS	*127*		*40 - 200*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2 8:2 FTS	*94.1*		*40 - 300*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C3-HFPO-DA	*90.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
D7-NMeFOSE	*64.9*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
D9-NEtFOSE	*60.0*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
d5-NEtPFOSA	*64.1*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
d3-NMePFOSA	*69.4*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*
13C2 PFDoA	*76.7*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:00*	*1*

Client Sample ID: SB-01_0-2_20250520
Lab Sample ID: 460-326802-6

Date Collected: 05/20/25 15:30
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.96**	**J**	3.75	1.03	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoropentanoic acid (PFPeA)	**5.34**		1.88	0.56	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorohexanoic acid (PFHxA)	**3.71**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoroheptanoic acid (PFHpA)	**3.28**		1.88	0.75	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorooctanoic acid (PFOA)	**17.0**		1.88	0.84	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorononanoic acid (PFNA)	**3.32**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorodecanoic acid (PFDA)	**2.15**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoroundecanoic acid (PFUnA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorododecanoic acid (PFDoA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorotridecanoic acid (PFTrDA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorotetradecanoic acid (PFTeDA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorobutanesulfonic acid (PFBS)	**0.62**	**J**	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoropentanesulfonic acid (PFPeS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorohexanesulfonic acid (PFHxS)	**22.9**		1.88	0.75	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoroheptanesulfonic acid (PFHpS)	**0.70**	**J**	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorooctanesulfonic acid (PFOS)	**66.7**		1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorononanesulfonic acid (PFNS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorodecanesulfonic acid (PFDS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorododecanesulfonic acid (PFDoS)	1.88	U	1.88	0.56	ng/L		06/10/25 10:23	06/11/25 11:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:15	1

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SB-01_0-2_20250520
Lab Sample ID: 460-326802-6
Date Collected: 05/20/25 15:30
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluorooctanesulfonamide (PFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	9.38	U	9.38	2.35	ng/L		06/10/25 10:23	06/11/25 11:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	9.38	U	9.38	2.35	ng/L		06/10/25 10:23	06/11/25 11:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	U	1.88	0.70	ng/L		06/10/25 10:23	06/11/25 11:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.88	U	1.88	0.47	ng/L		06/10/25 10:23	06/11/25 11:15	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.75	U	3.75	0.94	ng/L		06/10/25 10:23	06/11/25 11:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	9.38	U	9.38	2.63	ng/L		06/10/25 10:23	06/11/25 11:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	9.38	U	9.38	2.35	ng/L		06/10/25 10:23	06/11/25 11:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*97.3*		*5 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C5-PFPeA	*93.0*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C5-PFHxA	*90.4*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C4-PFHpA	*94.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C8-PFOA	*95.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C9-PFNA	*93.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C6-PFDA	*93.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C7-PFUnA	*98.1*		*30 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C2-PFTeDA	*75.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C3-PFBS	*94.9*		*40 - 135*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C3-PFHxS	*89.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C8-PFOS	*89.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C8-PFOSA	*81.1*		*40 - 130*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
d3-NMeFOSAA	*82.9*		*40 - 170*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
d5-NEtFOSAA	*75.2*		*25 - 135*	*06/10/25 10:23*	*06/11/25 11:15*	*1*
13C2 4:2 FTS	*105*		*40 - 200*	*06/10/25 10:23*	*06/11/25 11:15*	*1*

Client Sample ID: SB-01_0-2_20250520
Lab Sample ID: 460-326802-6
Date Collected: 05/20/25 15:30
Matrix: Solid
Date Received: 05/20/25 17:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 6:2 FTS	104		40 - 200	06/10/25 10:23	06/11/25 11:15	1
13C2 8:2 FTS	85.0		40 - 300	06/10/25 10:23	06/11/25 11:15	1
13C3-HFPO-DA	90.1		40 - 130	06/10/25 10:23	06/11/25 11:15	1
D7-NMeFOSE	70.6		10 - 130	06/10/25 10:23	06/11/25 11:15	1
D9-NEtFOSE	65.3		10 - 130	06/10/25 10:23	06/11/25 11:15	1
d5-NEtPFOSA	69.1		10 - 130	06/10/25 10:23	06/11/25 11:15	1
d3-NMePFOSA	74.3		10 - 130	06/10/25 10:23	06/11/25 11:15	1
13C2 PFDoA	92.4		10 - 130	06/10/25 10:23	06/11/25 11:15	1

Client Sample ID: SB-09_0-2_20250519
Lab Sample ID: 460-327253-1
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 16:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.41**	**J**	3.25	0.89	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoropentanoic acid (PFPeA)	**1.36**	**J**	1.63	0.49	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorohexanoic acid (PFHxA)	**1.55**	**J**	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoroheptanoic acid (PFHpA)	**0.83**	**J**	1.63	0.65	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorooctanoic acid (PFOA)	**1.80**		1.63	0.73	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorononanoic acid (PFNA)	**1.26**	**J**	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorodecanoic acid (PFDA)	**1.42**	**J**	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoroundecanoic acid (PFUnA)	**1.14**	**J**	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorododecanoic acid (PFDoA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorotridecanoic acid (PFTrDA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorotetradecanoic acid (PFTeDA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorobutanesulfonic acid (PFBS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoropentanesulfonic acid (PFPeS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorohexanesulfonic acid (PFHxS)	1.63	U	1.63	0.65	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoroheptanesulfonic acid (PFHpS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorooctanesulfonic acid (PFOS)	**2.62**		1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorononanesulfonic acid (PFNS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorodecanesulfonic acid (PFDS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorododecanesulfonic acid (PFDoS)	1.63	U	1.63	0.49	ng/L		06/11/25 15:18	06/12/25 05:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.25	U	3.25	0.81	ng/L		06/11/25 15:18	06/12/25 05:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.25	U	3.25	0.81	ng/L		06/11/25 15:18	06/12/25 05:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.25	U	3.25	0.81	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluorooctanesulfonamide (PFOSA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SB-09_0-2_20250519
Lab Sample ID: 460-327253-1
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 16:00

Method: EPA Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.13	U	8.13	2.03	ng/L		06/11/25 15:18	06/12/25 05:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.13	U	8.13	2.03	ng/L		06/11/25 15:18	06/12/25 05:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.63	U	1.63	0.61	ng/L		06/11/25 15:18	06/12/25 05:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.63	U	1.63	0.41	ng/L		06/11/25 15:18	06/12/25 05:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.25	U	3.25	0.81	ng/L		06/11/25 15:18	06/12/25 05:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.13	U	8.13	2.28	ng/L		06/11/25 15:18	06/12/25 05:11	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.13	U	8.13	2.03	ng/L		06/11/25 15:18	06/12/25 05:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*76.6*		*5 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C5-PFPeA	*98.3*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C5-PFHxA	*97.5*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C4-PFHpA	*91.7*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C8-PFOA	*109*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C9-PFNA	*106*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C6-PFDA	*105*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C7-PFUnA	*102*		*30 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2-PFTeDA	*90.2*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C3-PFBS	*97.5*		*40 - 135*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C3-PFHxS	*102*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C8-PFOS	*109*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C8-PFOSA	*96.2*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
d3-NMeFOSAA	*93.6*		*40 - 170*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
d5-NEtFOSAA	*94.4*		*25 - 135*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2 4:2 FTS	*155*		*40 - 200*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2 6:2 FTS	*153*		*40 - 200*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2 8:2 FTS	*130*		*40 - 300*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C3-HFPO-DA	*90.7*		*40 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
D7-NMeFOSE	*59.8*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
D9-NEtFOSE	*41.8*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
d5-NEtPFOSA	*79.9*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
d3-NMePFOSA	*82.8*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*
13C2 PFDoA	*89.6*		*10 - 130*	*06/11/25 15:18*	*06/12/25 05:11*	*1*

Isotope Dilution Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
LCS 410-655426/15-A	Lab Control Sample	93.8	85.8	83.3	79.0	74.8	72.2	71.0	78.9
LCS 410-656219/2-A	Lab Control Sample	96.2	99.4	99.0	92.7	93.2	93.6	93.4	92.8
LCSD 410-656219/3-A	Lab Control Sample Dup	95.6	96.6	95.4	85.5	85.4	78.8	80.8	76.9
LLCS 410-655426/16-A	Lab Control Sample	91.9	84.0	80.1	75.1	71.3	70.2	71.3	76.8
LLCS 410-656219/4-A	Lab Control Sample	93.4	95.5	93.6	86.4	85.8	79.5	79.3	75.3
MB 410-655426/14-A	Method Blank	97.2	88.3	83.3	78.7	72.5	71.2	72.8	80.5
MB 410-656219/1-A	Method Blank	85.7	86.0	89.4	82.6	81.2	80.5	80.9	78.4

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
LCS 410-655426/15-A	Lab Control Sample	60.9	74.7	67.5	71.6	77.2	71.6	65.5	85.6
LCS 410-656219/2-A	Lab Control Sample	74.1	90.9	90.8	92.0	81.6	86.4	87.7	94.7
LCSD 410-656219/3-A	Lab Control Sample Dup	61.4	82.0	78.2	80.2	78.7	80.8	82.1	94.1
LLCS 410-655426/16-A	Lab Control Sample	64.3	69.9	66.0	70.5	76.7	71.2	62.6	83.6
LLCS 410-656219/4-A	Lab Control Sample	68.6	78.8	77.5	80.0	77.1	80.7	78.9	90.4
MB 410-655426/14-A	Method Blank	63.6	72.0	67.3	65.2	79.1	70.7	65.0	85.5
MB 410-656219/1-A	Method Blank	68.7	78.6	78.8	82.1	73.1	81.7	81.0	86.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
LCS 410-655426/15-A	Lab Control Sample	78.3	63.3	82.6	70.9	64.8	63.1	66.7	74.6
LCS 410-656219/2-A	Lab Control Sample	105	100	92.8	64.4	59.2	66.3	64.6	85.7
LCSD 410-656219/3-A	Lab Control Sample Dup	99.9	85.0	88.9	64.9	53.2	72.9	70.2	72.0
LLCS 410-655426/16-A	Lab Control Sample	76.2	62.9	79.7	70.8	67.9	64.7	67.4	74.8
LLCS 410-656219/4-A	Lab Control Sample	100	88.2	89.6	66.5	61.3	69.7	72.9	73.7
MB 410-655426/14-A	Method Blank	76.8	62.3	86.7	72.0	63.1	65.9	72.5	74.6
MB 410-656219/1-A	Method Blank	96.3	83.3	82.7	62.9	64.9	63.0	59.6	72.9

Surrogate Legend

PFBA = 13C4-PFBA
PFPeA = 13C5-PFPeA
13C5PHA = 13C5-PFHxA
C4PFHA = 13C4-PFHpA
C8PFOA = 13C8-PFOA
C9PFNA = 13C9-PFNA
C6PFDA = 13C6-PFDA
13C7PUA = 13C7-PFUnA
PFTDA = 13C2-PFTeDA
C3PFBS = 13C3-PFBS
C3PFHS = 13C3-PFHxS
C8PFOS = 13C8-PFOS
PFOSA = 13C8-PFOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3-HFPO-DA
NMFM = D7-NMeFOSE

Isotope Dilution Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

NEFM = D9-NEtFOSE
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid **Prep Type: SPLP East**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (5-130)	PFPeA (40-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (30-130)
180-183865-A-11-L MS	Matrix Spike					93.8	94.0		
180-183865-A-11-M MSD	Matrix Spike Duplicate					95.0	92.9		
460-326802-1	SB-08_0-2_20250520	97.7	93.8	93.2	90.9	91.0	95.4	91.0	101
460-326802-3	R1-SB-21_0-2_20250520	98.9	93.8	93.3	96.0	97.1	96.2	95.8	104
460-326802-5	IRM-EX-025_7.5_20250520	97.4	92.4	91.7	94.6	95.5	89.6	83.9	84.9
460-326802-6	SB-01_0-2_20250520	97.3	93.0	90.4	94.6	95.6	93.9	93.6	98.1
460-327253-1	SB-09_0-2_20250519	76.6	98.3	97.5	91.7	109	106	105	102
LB 410-651557/1-C	Method Blank	96.6	92.8	93.4	93.6	91.6	94.6	92.7	99.4
LB 410-651562/1-C	Method Blank	102	92.5	93.5	91.0	97.7	92.2	97.8	103
LB 410-652036/1-C	Method Blank	108	108	111	105	107	109	106	103

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-170)	d5NEFOS (25-135)	M242FTS (40-200)
180-183865-A-11-L MS	Matrix Spike		95.5	89.3	88.1				
180-183865-A-11-M MSD	Matrix Spike Duplicate		96.3	88.0	78.0				
460-326802-1	SB-08_0-2_20250520	70.0	96.4	90.7	89.7	77.1	83.3	67.2	118
460-326802-3	R1-SB-21_0-2_20250520	81.3	98.9	93.5	92.3	81.6	81.3	68.2	109
460-326802-5	IRM-EX-025_7.5_20250520	64.3	91.1	84.2	71.2	76.6	82.8	70.2	137
460-326802-6	SB-01_0-2_20250520	75.6	94.9	89.5	89.5	81.1	82.9	75.2	105
460-327253-1	SB-09_0-2_20250519	90.2	97.5	102	109	96.2	93.6	94.4	155
LB 410-651557/1-C	Method Blank	80.2	93.1	87.7	94.9	79.7	78.6	69.3	94.6
LB 410-651562/1-C	Method Blank	89.8	91.8	93.7	94.1	77.1	86.8	76.6	85.8
LB 410-652036/1-C	Method Blank	93.0	100	103	109	89.2	97.5	94.9	114

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)	HFPODA (40-130)	NMFM (10-130)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (10-130)
180-183865-A-11-L MS	Matrix Spike			85.8					
180-183865-A-11-M MSD	Matrix Spike Duplicate			88.5					
460-326802-1	SB-08_0-2_20250520	118	92.4	89.9	56.3	48.2	66.6	68.2	90.6
460-326802-3	R1-SB-21_0-2_20250520	109	85.0	94.6	68.2	63.6	72.4	78.6	97.3
460-326802-5	IRM-EX-025_7.5_20250520	127	94.1	90.9	64.9	60.0	64.1	69.4	76.7
460-326802-6	SB-01_0-2_20250520	104	85.0	90.1	70.6	65.3	69.1	74.3	92.4
460-327253-1	SB-09_0-2_20250519	153	130	90.7	59.8	41.8	79.9	82.8	89.6
LB 410-651557/1-C	Method Blank	91.4	85.6	89.1	65.3	60.8	73.2	77.7	96.8
LB 410-651562/1-C	Method Blank	88.3	84.7	90.9	67.6	69.5	75.8	75.6	106
LB 410-652036/1-C	Method Blank	122	113	105	75.0	77.2	84.3	82.6	96.2

Surrogate Legend

PFBA = 13C4-PFBA
PFPeA = 13C5-PFPeA
13C5PHA = 13C5-PFHxA
C4PFHA = 13C4-PFHpA
C8PFOA = 13C8-PFOA
C9PFNA = 13C9-PFNA
C6PFDA = 13C6-PFDA

Isotope Dilution Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

13C7PUA = 13C7-PFUnA
PFTDA = 13C2-PFTeDA
C3PFBS = 13C3-PFBS
C3PFHS = 13C3-PFHxS
C8PFOS = 13C8-PFOS
PFOSA = 13C8-PFOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3-HFPO-DA
NMFM = D7-NMeFOSE
NEFM = D9-NEtFOSE
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 410-655426/14-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 655426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		06/10/25 10:23	06/11/25 09:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		06/10/25 10:23	06/11/25 09:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		06/10/25 10:23	06/11/25 09:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	2.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	0.75	ng/L		06/10/25 10:23	06/11/25 09:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-655426/14-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 655426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		06/10/25 10:23	06/11/25 09:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		06/10/25 10:23	06/11/25 09:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		06/10/25 10:23	06/11/25 09:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		06/10/25 10:23	06/11/25 09:25	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*97.2*		*5 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C5-PFPeA	*88.3*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C5-PFHxA	*83.3*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C4-PFHpA	*78.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C8-PFOA	*72.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C9-PFNA	*71.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C6-PFDA	*72.8*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C7-PFUnA	*80.5*		*30 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2-PFTeDA	*63.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C3-PFBS	*72.0*		*40 - 135*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C3-PFHxS	*67.3*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C8-PFOS	*65.2*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C8-PFOSA	*79.1*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
d3-NMeFOSAA	*70.7*		*40 - 170*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
d5-NEtFOSAA	*65.0*		*25 - 135*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2 4:2 FTS	*85.5*		*40 - 200*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2 6:2 FTS	*76.8*		*40 - 200*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2 8:2 FTS	*62.3*		*40 - 300*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C3-HFPO-DA	*86.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
D7-NMeFOSE	*72.0*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
D9-NEtFOSE	*63.1*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
d5-NEtPFOSA	*65.9*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
d3-NMePFOSA	*72.5*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*
13C2 PFDoA	*74.6*		*10 - 130*	*06/10/25 10:23*	*06/11/25 09:25*	*1*

Lab Sample ID: LCS 410-655426/15-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	68.77		ng/L		86	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	35.39		ng/L		88	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	33.79		ng/L		84	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	36.38		ng/L		91	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	35.32		ng/L		88	70 - 150
Perfluorononanoic acid (PFNA)	40.0	33.86		ng/L		85	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	36.07		ng/L		90	70 - 140

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-655426/15-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	40.0	34.60		ng/L		87	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	34.41		ng/L		86	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	35.35		ng/L		88	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	37.70		ng/L		94	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	30.90		ng/L		87	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	34.12		ng/L		91	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	31.36		ng/L		86	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	30.84		ng/L		81	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	30.26		ng/L		81	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	31.52		ng/L		82	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	30.09		ng/L		78	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	25.07		ng/L		65	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	62.77		ng/L		84	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	62.37		ng/L		82	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	66.87		ng/L		87	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	38.88		ng/L		97	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	40.15		ng/L		100	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	38.41		ng/L		96	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	36.26		ng/L		91	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	34.58		ng/L		86	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	166.7		ng/L		83	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	172.3		ng/L		86	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	29.23		ng/L		97	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	33.15		ng/L		88	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	36.89		ng/L		92	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	35.29		ng/L		88	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	35.07		ng/L		88	50 - 150

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-655426/15-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	27.53		ng/L		74	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	25.54		ng/L		68	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	28.78		ng/L		81	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	59.61		ng/L		75	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	163.1		ng/L		82	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	165.8		ng/L		83	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*93.8*		*5 - 130*
13C5-PFPeA	*85.8*		*40 - 130*
13C5-PFHxA	*83.3*		*40 - 130*
13C4-PFHpA	*79.0*		*40 - 130*
13C8-PFOA	*74.8*		*40 - 130*
13C9-PFNA	*72.2*		*40 - 130*
13C6-PFDA	*71.0*		*40 - 130*
13C7-PFUnA	*78.9*		*30 - 130*
13C2-PFTeDA	*60.9*		*10 - 130*
13C3-PFBS	*74.7*		*40 - 135*
13C3-PFHxS	*67.5*		*40 - 130*
13C8-PFOS	*71.6*		*40 - 130*
13C8-PFOSA	*77.2*		*40 - 130*
d3-NMeFOSAA	*71.6*		*40 - 170*
d5-NEtFOSAA	*65.5*		*25 - 135*
13C2 4:2 FTS	*85.6*		*40 - 200*
13C2 6:2 FTS	*78.3*		*40 - 200*
13C2 8:2 FTS	*63.3*		*40 - 300*
13C3-HFPO-DA	*82.6*		*40 - 130*
D7-NMeFOSE	*70.9*		*10 - 130*
D9-NEtFOSE	*64.8*		*10 - 130*
d5-NEtPFOSA	*63.1*		*10 - 130*
d3-NMePFOSA	*66.7*		*10 - 130*
13C2 PFDoA	*74.6*		*10 - 130*

Lab Sample ID: LLCS 410-655426/16-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	7.112		ng/L		89	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	3.993		ng/L		100	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	3.462		ng/L		87	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.906		ng/L		98	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	4.028		ng/L		101	70 - 150

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-655426/16-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	4.00	3.656		ng/L		91	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.501		ng/L		88	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.387		ng/L		85	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.473		ng/L		87	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.406		ng/L		85	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.898		ng/L		97	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.108		ng/L		87	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.319		ng/L		88	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.473		ng/L		95	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	2.999		ng/L		79	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.217		ng/L		86	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.003		ng/L		78	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.010		ng/L		78	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.562		ng/L		66	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.302		ng/L		84	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.519		ng/L		86	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	7.299		ng/L		95	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.587		ng/L		90	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.220		ng/L		106	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.793		ng/L		95	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.237		ng/L		81	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.112		ng/L		78	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	17.94		ng/L		90	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	17.67		ng/L		88	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.764		ng/L		92	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.272		ng/L		86	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.536		ng/L		88	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.522		ng/L		88	60 - 150

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-655426/16-A
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 655426

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.833		ng/L		96	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	2.828		ng/L		76	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	2.579		ng/L		68	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	2.822		ng/L		79	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	6.032		ng/L		75	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	17.18		ng/L		86	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	14.65		ng/L		73	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*91.9*		*5 - 130*
13C5-PFPeA	*84.0*		*40 - 130*
13C5-PFHxA	*80.1*		*40 - 130*
13C4-PFHpA	*75.1*		*40 - 130*
13C8-PFOA	*71.3*		*40 - 130*
13C9-PFNA	*70.2*		*40 - 130*
13C6-PFDA	*71.3*		*40 - 130*
13C7-PFUnA	*76.8*		*30 - 130*
13C2-PFTeDA	*64.3*		*10 - 130*
13C3-PFBS	*69.9*		*40 - 135*
13C3-PFHxS	*66.0*		*40 - 130*
13C8-PFOS	*70.5*		*40 - 130*
13C8-PFOSA	*76.7*		*40 - 130*
d3-NMeFOSAA	*71.2*		*40 - 170*
d5-NEtFOSAA	*62.6*		*25 - 135*
13C2 4:2 FTS	*83.6*		*40 - 200*
13C2 6:2 FTS	*76.2*		*40 - 200*
13C2 8:2 FTS	*62.9*		*40 - 300*
13C3-HFPO-DA	*79.7*		*40 - 130*
D7-NMeFOSE	*70.8*		*10 - 130*
D9-NEtFOSE	*67.9*		*10 - 130*
d5-NEtPFOSA	*64.7*		*10 - 130*
d3-NMePFOSA	*67.4*		*10 - 130*
13C2 PFDoA	*74.8*		*10 - 130*

Lab Sample ID: MB 410-656219/1-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 656219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.00	U	4.00	1.10	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.60	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-656219/1-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 656219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.80	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.90	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorotridecanoic acid (PFTrDA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.80	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.60	ng/L		06/11/25 15:18	06/12/25 02:14	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.00	U	4.00	1.00	ng/L		06/11/25 15:18	06/12/25 02:14	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.00	U	4.00	1.00	ng/L		06/11/25 15:18	06/12/25 02:14	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.00	U	4.00	1.00	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	10.0	U	10.0	2.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	10.0	U	10.0	2.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	U	2.00	0.75	ng/L		06/11/25 15:18	06/12/25 02:14	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.00	U	2.00	0.50	ng/L		06/11/25 15:18	06/12/25 02:14	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-656219/1-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 656219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.00	U	4.00	1.00	ng/L		06/11/25 15:18	06/12/25 02:14	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	10.0	U	10.0	2.80	ng/L		06/11/25 15:18	06/12/25 02:14	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	10.0	U	10.0	2.50	ng/L		06/11/25 15:18	06/12/25 02:14	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*85.7*		*5 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C5-PFPeA	*86.0*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C5-PFHxA	*89.4*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C4-PFHpA	*82.6*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C8-PFOA	*81.2*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C9-PFNA	*80.5*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C6-PFDA	*80.9*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C7-PFUnA	*78.4*		*30 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2-PFTeDA	*68.7*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C3-PFBS	*78.6*		*40 - 135*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C3-PFHxS	*78.8*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C8-PFOS	*82.1*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C8-PFOSA	*73.1*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
d3-NMeFOSAA	*81.7*		*40 - 170*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
d5-NEtFOSAA	*81.0*		*25 - 135*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2 4:2 FTS	*86.6*		*40 - 200*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2 6:2 FTS	*96.3*		*40 - 200*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2 8:2 FTS	*83.3*		*40 - 300*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C3-HFPO-DA	*82.7*		*40 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
D7-NMeFOSE	*62.9*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
D9-NEtFOSE	*64.9*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
d5-NEtPFOSA	*63.0*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
d3-NMePFOSA	*59.6*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*
13C2 PFDoA	*72.9*		*10 - 130*	*06/11/25 15:18*	*06/12/25 02:14*	*1*

Lab Sample ID: LCS 410-656219/2-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	69.92		ng/L		87	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	35.08		ng/L		88	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	33.63		ng/L		84	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	36.70		ng/L		92	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	34.55		ng/L		86	70 - 150
Perfluorononanoic acid (PFNA)	40.0	34.15		ng/L		85	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	35.42		ng/L		89	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	37.37		ng/L		93	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	36.70		ng/L		92	70 - 140

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-656219/2-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTrDA)	40.0	41.81		ng/L		105	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	35.86		ng/L		90	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	32.30		ng/L		91	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	33.10		ng/L		88	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	31.13		ng/L		85	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	35.69		ng/L		94	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	32.13		ng/L		86	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	34.88		ng/L		91	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	33.60		ng/L		87	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	26.21		ng/L		68	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	65.79		ng/L		88	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	66.84		ng/L		88	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	68.45		ng/L		89	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	38.54		ng/L		96	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	39.46		ng/L		99	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	37.79		ng/L		94	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	35.75		ng/L		89	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	35.27		ng/L		88	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	176.1		ng/L		88	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	184.9		ng/L		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	29.26		ng/L		98	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	35.16		ng/L		93	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	35.13		ng/L		88	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	34.27		ng/L		86	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	34.58		ng/L		86	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	32.22		ng/L		86	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	31.92		ng/L		85	55 - 160

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-656219/2-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	32.55		ng/L		91	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	67.81		ng/L		85	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	155.1		ng/L		78	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	144.4		ng/L		72	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*96.2*		*5 - 130*
13C5-PFPeA	*99.4*		*40 - 130*
13C5-PFHxA	*99.0*		*40 - 130*
13C4-PFHpA	*92.7*		*40 - 130*
13C8-PFOA	*93.2*		*40 - 130*
13C9-PFNA	*93.6*		*40 - 130*
13C6-PFDA	*93.4*		*40 - 130*
13C7-PFUnA	*92.8*		*30 - 130*
13C2-PFTeDA	*74.1*		*10 - 130*
13C3-PFBS	*90.9*		*40 - 135*
13C3-PFHxS	*90.8*		*40 - 130*
13C8-PFOS	*92.0*		*40 - 130*
13C8-PFOSA	*81.6*		*40 - 130*
d3-NMeFOSAA	*86.4*		*40 - 170*
d5-NEtFOSAA	*87.7*		*25 - 135*
13C2 4:2 FTS	*94.7*		*40 - 200*
13C2 6:2 FTS	*105*		*40 - 200*
13C2 8:2 FTS	*100*		*40 - 300*
13C3-HFPO-DA	*92.8*		*40 - 130*
D7-NMeFOSE	*64.4*		*10 - 130*
D9-NEtFOSE	*59.2*		*10 - 130*
d5-NEtPFOSA	*66.3*		*10 - 130*
d3-NMePFOSA	*64.6*		*10 - 130*
13C2 PFDoA	*85.7*		*10 - 130*

Lab Sample ID: LCSD 410-656219/3-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	80.0	73.27		ng/L		92	70 - 140	5	30
Perfluoropentanoic acid (PFPeA)	40.0	37.19		ng/L		93	65 - 135	6	30
Perfluorohexanoic acid (PFHxA)	40.0	35.28		ng/L		88	70 - 145	5	30
Perfluoroheptanoic acid (PFHpA)	40.0	37.90		ng/L		95	70 - 150	3	30
Perfluorooctanoic acid (PFOA)	40.0	36.88		ng/L		92	70 - 150	7	30
Perfluorononanoic acid (PFNA)	40.0	36.43		ng/L		91	70 - 150	6	30
Perfluorodecanoic acid (PFDA)	40.0	36.88		ng/L		92	70 - 140	4	30
Perfluoroundecanoic acid (PFUnA)	40.0	40.25		ng/L		101	70 - 145	7	30

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 410-656219/3-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 656219

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorododecanoic acid (PFDoA)			40.0	36.97		ng/L		92	70 - 140	1	30
Perfluorotridecanoic acid (PFTrDA)			40.0	44.04		ng/L		110	65 - 140	5	30
Perfluorotetradecanoic acid (PFTeDA)			40.0	41.17		ng/L		103	60 - 140	14	30
Perfluorobutanesulfonic acid (PFBS)			35.5	33.31		ng/L		94	60 - 145	3	30
Perfluoropentanesulfonic acid (PFPeS)			37.6	34.99		ng/L		93	65 - 140	6	30
Perfluorohexanesulfonic acid (PFHxS)			36.5	33.75		ng/L		93	65 - 145	8	30
Perfluoroheptanesulfonic acid (PFHpS)			38.2	37.23		ng/L		98	70 - 150	4	30
Perfluorooctanesulfonic acid (PFOS)			37.2	34.30		ng/L		92	55 - 150	7	30
Perfluorononanesulfonic acid (PFNS)			38.5	35.80		ng/L		93	65 - 145	3	30
Perfluorodecanesulfonic acid (PFDS)			38.6	34.87		ng/L		90	60 - 145	4	30
Perfluorododecanesulfonic acid (PFDoS)			38.8	28.96		ng/L		75	50 - 145	10	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			75.0	70.86		ng/L		94	70 - 145	7	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			76.2	69.47		ng/L		91	65 - 155	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			76.8	73.25		ng/L		95	60 - 150	7	30
Perfluorooctanesulfonamide (PFOSA)			40.0	40.83		ng/L		102	70 - 145	6	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			40.0	41.83		ng/L		105	60 - 150	6	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			40.0	39.04		ng/L		98	65 - 145	3	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	37.49		ng/L		94	50 - 140	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	36.32		ng/L		91	70 - 145	3	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			200	192.6		ng/L		96	70 - 145	9	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			200	207.8		ng/L		104	70 - 135	12	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			30.0	30.85		ng/L		103	70 - 140	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			37.8	35.22		ng/L		93	65 - 145	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			40.0	37.47		ng/L		94	55 - 140	6	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			40.0	36.28		ng/L		91	60 - 150	6	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			40.0	37.44		ng/L		94	50 - 150	8	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	30.05		ng/L		80	70 - 155	7	30

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 410-656219/3-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 656219

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	29.01		ng/L		77	55 - 160	10	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	32.44		ng/L		91	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	72.62		ng/L		91	65 - 130	7	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	169.3		ng/L		85	70 - 135	9	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	154.5		ng/L		77	50 - 145	7	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4-PFBA	*95.6*		*5 - 130*
13C5-PFPeA	*96.6*		*40 - 130*
13C5-PFHxA	*95.4*		*40 - 130*
13C4-PFHpA	*85.5*		*40 - 130*
13C8-PFOA	*85.4*		*40 - 130*
13C9-PFNA	*78.8*		*40 - 130*
13C6-PFDA	*80.8*		*40 - 130*
13C7-PFUnA	*76.9*		*30 - 130*
13C2-PFTeDA	*61.4*		*10 - 130*
13C3-PFBS	*82.0*		*40 - 135*
13C3-PFHxS	*78.2*		*40 - 130*
13C8-PFOS	*80.2*		*40 - 130*
13C8-PFOSA	*78.7*		*40 - 130*
d3-NMeFOSAA	*80.8*		*40 - 170*
d5-NEtFOSAA	*82.1*		*25 - 135*
13C2 4:2 FTS	*94.1*		*40 - 200*
13C2 6:2 FTS	*99.9*		*40 - 200*
13C2 8:2 FTS	*85.0*		*40 - 300*
13C3-HFPO-DA	*88.9*		*40 - 130*
D7-NMeFOSE	*64.9*		*10 - 130*
D9-NEtFOSE	*53.2*		*10 - 130*
d5-NEtPFOSA	*72.9*		*10 - 130*
d3-NMePFOSA	*70.2*		*10 - 130*
13C2 PFDoA	*72.0*		*10 - 130*

Lab Sample ID: LLCS 410-656219/4-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			8.00	7.642		ng/L		96	70 - 140
Perfluoropentanoic acid (PFPeA)			4.00	4.103		ng/L		103	65 - 135
Perfluorohexanoic acid (PFHxA)			4.00	3.808		ng/L		95	70 - 145
Perfluoroheptanoic acid (PFHpA)			4.00	3.946		ng/L		99	70 - 150
Perfluorooctanoic acid (PFOA)			4.00	4.519		ng/L		113	70 - 150
Perfluorononanoic acid (PFNA)			4.00	3.885		ng/L		97	70 - 150
Perfluorodecanoic acid (PFDA)			4.00	3.908		ng/L		98	70 - 140

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-656219/4-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	4.00	4.322		ng/L		108	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	4.039		ng/L		101	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	4.462		ng/L		112	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.858		ng/L		96	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.634		ng/L		102	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.524		ng/L		94	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.761		ng/L		103	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.989		ng/L		105	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.827		ng/L		103	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.568		ng/L		93	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.495		ng/L		91	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.216		ng/L		83	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	7.240		ng/L		96	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	7.125		ng/L		94	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.902		ng/L		90	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.010		ng/L		100	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.390		ng/L		110	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.914		ng/L		98	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.688		ng/L		92	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.573		ng/L		89	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	20.23		ng/L		101	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	18.79		ng/L		94	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	3.047		ng/L		102	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.785		ng/L		100	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.962		ng/L		99	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.602		ng/L		90	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	4.073		ng/L		102	50 - 150

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-656219/4-A
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 656219

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	3.125		ng/L		84	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	3.009		ng/L		80	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	3.416		ng/L		96	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	7.477		ng/L		93	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	17.97		ng/L		90	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	15.19		ng/L		76	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*93.4*		*5 - 130*
13C5-PFPeA	*95.5*		*40 - 130*
13C5-PFHxA	*93.6*		*40 - 130*
13C4-PFHpA	*86.4*		*40 - 130*
13C8-PFOA	*85.8*		*40 - 130*
13C9-PFNA	*79.5*		*40 - 130*
13C6-PFDA	*79.3*		*40 - 130*
13C7-PFUnA	*75.3*		*30 - 130*
13C2-PFTeDA	*68.6*		*10 - 130*
13C3-PFBS	*78.8*		*40 - 135*
13C3-PFHxS	*77.5*		*40 - 130*
13C8-PFOS	*80.0*		*40 - 130*
13C8-PFOSA	*77.1*		*40 - 130*
d3-NMeFOSAA	*80.7*		*40 - 170*
d5-NEtFOSAA	*78.9*		*25 - 135*
13C2 4:2 FTS	*90.4*		*40 - 200*
13C2 6:2 FTS	*100*		*40 - 200*
13C2 8:2 FTS	*88.2*		*40 - 300*
13C3-HFPO-DA	*89.6*		*40 - 130*
D7-NMeFOSE	*66.5*		*10 - 130*
D9-NEtFOSE	*61.3*		*10 - 130*
d5-NEtPFOSA	*69.7*		*10 - 130*
d3-NMePFOSA	*72.9*		*10 - 130*
13C2 PFDoA	*73.7*		*10 - 130*

Lab Sample ID: LB 410-651557/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.38	U	3.38	0.93	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoropentanoic acid (PFPeA)	1.69	U	1.69	0.51	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorohexanoic acid (PFHxA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoroheptanoic acid (PFHpA)	1.69	U	1.69	0.68	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorooctanoic acid (PFOA)	1.69	U	1.69	0.76	ng/L		06/10/25 10:23	06/11/25 10:19	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-651557/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorodecanoic acid (PFDA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoroundecanoic acid (PFUnA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorododecanoic acid (PFDoA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorotridecanoic acid (PFTrDA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorotetradecanoic acid (PFTeDA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorobutanesulfonic acid (PFBS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoropentanesulfonic acid (PFPeS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorohexanesulfonic acid (PFHxS)	1.69	U	1.69	0.68	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoroheptanesulfonic acid (PFHpS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorooctanesulfonic acid (PFOS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorononanesulfonic acid (PFNS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorodecanesulfonic acid (PFDS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorododecanesulfonic acid (PFDoS)	1.69	U	1.69	0.51	ng/L		06/10/25 10:23	06/11/25 10:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.38	U	3.38	0.85	ng/L		06/10/25 10:23	06/11/25 10:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.38	U	3.38	0.85	ng/L		06/10/25 10:23	06/11/25 10:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.38	U	3.38	0.85	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluorooctanesulfonamide (PFOSA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.46	U	8.46	2.11	ng/L		06/10/25 10:23	06/11/25 10:19	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.46	U	8.46	2.11	ng/L		06/10/25 10:23	06/11/25 10:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.69	U	1.69	0.63	ng/L		06/10/25 10:23	06/11/25 10:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.69	U	1.69	0.42	ng/L		06/10/25 10:23	06/11/25 10:19	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.38	U	3.38	0.85	ng/L		06/10/25 10:23	06/11/25 10:19	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-651557/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.46	U	8.46	2.37	ng/L		06/10/25 10:23	06/11/25 10:19	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.46	U	8.46	2.11	ng/L		06/10/25 10:23	06/11/25 10:19	1

Isotope Dilution	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*96.6*		*5 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C5-PFPeA	*92.8*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C5-PFHxA	*93.4*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C4-PFHpA	*93.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C8-PFOA	*91.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C9-PFNA	*94.6*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C6-PFDA	*92.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C7-PFUnA	*99.4*		*30 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2-PFTeDA	*80.2*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C3-PFBS	*93.1*		*40 - 135*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C3-PFHxS	*87.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C8-PFOS	*94.9*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C8-PFOSA	*79.7*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
d3-NMeFOSAA	*78.6*		*40 - 170*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
d5-NEtFOSAA	*69.3*		*25 - 135*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2 4:2 FTS	*94.6*		*40 - 200*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2 6:2 FTS	*91.4*		*40 - 200*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2 8:2 FTS	*85.6*		*40 - 300*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C3-HFPO-DA	*89.1*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
D7-NMeFOSE	*65.3*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
D9-NEtFOSE	*60.8*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
d5-NEtPFOSA	*73.2*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
d3-NMePFOSA	*77.7*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*
13C2 PFDoA	*96.8*		*10 - 130*	*06/10/25 10:23*	*06/11/25 10:19*	*1*

Lab Sample ID: LB 410-651562/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.55	U	3.55	0.98	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoropentanoic acid (PFPeA)	1.78	U	1.78	0.53	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorohexanoic acid (PFHxA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoroheptanoic acid (PFHpA)	1.78	U	1.78	0.71	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorooctanoic acid (PFOA)	1.78	U	1.78	0.80	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorononanoic acid (PFNA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorodecanoic acid (PFDA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoroundecanoic acid (PFUnA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorododecanoic acid (PFDoA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorotridecanoic acid (PFTrDA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorotetradecanoic acid (PFTeDA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorobutanesulfonic acid (PFBS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoropentanesulfonic acid (PFPeS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-651562/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	1.78	U	1.78	0.71	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoroheptanesulfonic acid (PFHpS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorooctanesulfonic acid (PFOS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorononanesulfonic acid (PFNS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorodecanesulfonic acid (PFDS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorododecanesulfonic acid (PFDoS)	1.78	U	1.78	0.53	ng/L		06/10/25 10:23	06/11/25 10:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.55	U	3.55	0.89	ng/L		06/10/25 10:23	06/11/25 10:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.55	U	3.55	0.89	ng/L		06/10/25 10:23	06/11/25 10:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.55	U	3.55	0.89	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluorooctanesulfonamide (PFOSA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.88	U	8.88	2.22	ng/L		06/10/25 10:23	06/11/25 10:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.88	U	8.88	2.22	ng/L		06/10/25 10:23	06/11/25 10:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.78	U	1.78	0.67	ng/L		06/10/25 10:23	06/11/25 10:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	U	1.78	0.44	ng/L		06/10/25 10:23	06/11/25 10:06	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.55	U	3.55	0.89	ng/L		06/10/25 10:23	06/11/25 10:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.88	U	8.88	2.49	ng/L		06/10/25 10:23	06/11/25 10:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.88	U	8.88	2.22	ng/L		06/10/25 10:23	06/11/25 10:06	1

Isotope Dilution	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*102*		*5 - 130*	*06/10/25 10:23*	*06/11/25 10:06*	*1*
13C5-PFPeA	*92.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:06*	*1*
13C5-PFHxA	*93.5*		*40 - 130*	*06/10/25 10:23*	*06/11/25 10:06*	*1*

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-651562/1-C
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 655426

Isotope Dilution	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4-PFHpA	91.0		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C8-PFOA	97.7		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C9-PFNA	92.2		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C6-PFDA	97.8		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C7-PFUnA	103		30 - 130	06/10/25 10:23	06/11/25 10:06	1
13C2-PFTeDA	89.8		10 - 130	06/10/25 10:23	06/11/25 10:06	1
13C3-PFBS	91.8		40 - 135	06/10/25 10:23	06/11/25 10:06	1
13C3-PFHxS	93.7		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C8-PFOS	94.1		40 - 130	06/10/25 10:23	06/11/25 10:06	1
13C8-PFOSA	77.1		40 - 130	06/10/25 10:23	06/11/25 10:06	1
d3-NMeFOSAA	86.8		40 - 170	06/10/25 10:23	06/11/25 10:06	1
d5-NEtFOSAA	76.6		25 - 135	06/10/25 10:23	06/11/25 10:06	1
13C2 4:2 FTS	85.8		40 - 200	06/10/25 10:23	06/11/25 10:06	1
13C2 6:2 FTS	88.3		40 - 200	06/10/25 10:23	06/11/25 10:06	1
13C2 8:2 FTS	84.7		40 - 300	06/10/25 10:23	06/11/25 10:06	1
13C3-HFPO-DA	90.9		40 - 130	06/10/25 10:23	06/11/25 10:06	1
D7-NMeFOSE	67.6		10 - 130	06/10/25 10:23	06/11/25 10:06	1
D9-NEtFOSE	69.5		10 - 130	06/10/25 10:23	06/11/25 10:06	1
d5-NEtPFOSA	75.8		10 - 130	06/10/25 10:23	06/11/25 10:06	1
d3-NMePFOSA	75.6		10 - 130	06/10/25 10:23	06/11/25 10:06	1
13C2 PFDoA	106		10 - 130	06/10/25 10:23	06/11/25 10:06	1

Lab Sample ID: 180-183865-A-11-L MS
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Matrix Spike
Prep Type: SPLP East
Prep Batch: 655426

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanoic acid (PFOA)	2.17		33.2	31.84		ng/L		89	70 - 150
Perfluorononanoic acid (PFNA)	1.06	J	33.2	29.06		ng/L		84	70 - 150
Perfluorobutanesulfonic acid (PFBS)	1.70	U	29.5	25.94		ng/L		88	60 - 145
Perfluorohexanesulfonic acid (PFHxS)	1.70	U	30.3	25.57		ng/L		84	65 - 145
Perfluorooctanesulfonic acid (PFOS)	3.09		30.9	28.11		ng/L		81	55 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.70	U	24.9	23.51		ng/L		94	70 - 140

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C8-PFOA	93.8		40 - 130
13C9-PFNA	94.0		40 - 130
13C3-PFBS	95.5		40 - 135
13C3-PFHxS	89.3		40 - 130
13C8-PFOS	88.1		40 - 130
13C3-HFPO-DA	85.8		40 - 130

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 180-183865-A-11-M MSD
Matrix: Solid
Analysis Batch: 656042

Client Sample ID: Matrix Spike Duplicate
Prep Type: SPLP East
Prep Batch: 655426

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	2.17		31.9	30.54		ng/L		89	70 - 150	4	30
Perfluorononanoic acid (PFNA)	1.06	J	31.9	28.11		ng/L		85	70 - 150	3	30
Perfluorobutanesulfonic acid (PFBS)	1.70	U	28.3	24.54		ng/L		87	60 - 145	6	30
Perfluorohexanesulfonic acid (PFHxS)	1.70	U	29.1	24.81		ng/L		85	65 - 145	3	30
Perfluorooctanesulfonic acid (PFOS)	3.09		29.6	28.21		ng/L		85	55 - 150	0	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.70	U	23.9	22.51		ng/L		94	70 - 140	4	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C8-PFOA	*95.0*		*40 - 130*
13C9-PFNA	*92.9*		*40 - 130*
13C3-PFBS	*96.3*		*40 - 135*
13C3-PFHxS	*88.0*		*40 - 130*
13C8-PFOS	*78.0*		*40 - 130*
13C3-HFPO-DA	*88.5*		*40 - 130*

Lab Sample ID: LB 410-652036/1-C
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 656219

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.48	U	3.48	0.96	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoropentanoic acid (PFPeA)	1.74	U	1.74	0.52	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorohexanoic acid (PFHxA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoroheptanoic acid (PFHpA)	1.74	U	1.74	0.70	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorooctanoic acid (PFOA)	1.74	U	1.74	0.78	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorononanoic acid (PFNA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorodecanoic acid (PFDA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoroundecanoic acid (PFUnA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorododecanoic acid (PFDoA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorotridecanoic acid (PFTrDA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorotetradecanoic acid (PFTeDA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorobutanesulfonic acid (PFBS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoropentanesulfonic acid (PFPeS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorohexanesulfonic acid (PFHxS)	1.74	U	1.74	0.70	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoroheptanesulfonic acid (PFHpS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorooctanesulfonic acid (PFOS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorononanesulfonic acid (PFNS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorodecanesulfonic acid (PFDS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorododecanesulfonic acid (PFDoS)	1.74	U	1.74	0.52	ng/L		06/11/25 15:18	06/12/25 03:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.48	U	3.48	0.87	ng/L		06/11/25 15:18	06/12/25 03:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.48	U	3.48	0.87	ng/L		06/11/25 15:18	06/12/25 03:36	1

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-652036/1-C
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 656219

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.48	U	3.48	0.87	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluorooctanesulfonamide (PFOSA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	8.70	U	8.70	2.17	ng/L		06/11/25 15:18	06/12/25 03:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	8.70	U	8.70	2.17	ng/L		06/11/25 15:18	06/12/25 03:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.74	U	1.74	0.65	ng/L		06/11/25 15:18	06/12/25 03:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.74	U	1.74	0.43	ng/L		06/11/25 15:18	06/12/25 03:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	3.48	U	3.48	0.87	ng/L		06/11/25 15:18	06/12/25 03:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	8.70	U	8.70	2.44	ng/L		06/11/25 15:18	06/12/25 03:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	8.70	U	8.70	2.17	ng/L		06/11/25 15:18	06/12/25 03:36	1

Isotope Dilution	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*108*		*5 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C5-PFPeA	*108*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C5-PFHxA	*111*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C4-PFHpA	*105*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C8-PFOA	*107*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C9-PFNA	*109*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C6-PFDA	*106*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C7-PFUnA	*103*		*30 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C2-PFTeDA	*93.0*		*10 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C3-PFBS	*100*		*40 - 135*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C3-PFHxS	*103*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C8-PFOS	*109*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
13C8-PFOSA	*89.2*		*40 - 130*	*06/11/25 15:18*	*06/12/25 03:36*	*1*
d3-NMeFOSAA	*97.5*		*40 - 170*	*06/11/25 15:18*	*06/12/25 03:36*	*1*

Method: Draft-4 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LB 410-652036/1-C
Matrix: Solid
Analysis Batch: 656291

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 656219

Isotope Dilution	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94.9		25 - 135	06/11/25 15:18	06/12/25 03:36	1
13C2 4:2 FTS	114		40 - 200	06/11/25 15:18	06/12/25 03:36	1
13C2 6:2 FTS	122		40 - 200	06/11/25 15:18	06/12/25 03:36	1
13C2 8:2 FTS	113		40 - 300	06/11/25 15:18	06/12/25 03:36	1
13C3-HFPO-DA	105		40 - 130	06/11/25 15:18	06/12/25 03:36	1
D7-NMeFOSE	75.0		10 - 130	06/11/25 15:18	06/12/25 03:36	1
D9-NEtFOSE	77.2		10 - 130	06/11/25 15:18	06/12/25 03:36	1
d5-NEtPFOSA	84.3		10 - 130	06/11/25 15:18	06/12/25 03:36	1
d3-NMePFOSA	82.6		10 - 130	06/11/25 15:18	06/12/25 03:36	1
13C2 PFDoA	96.2		10 - 130	06/11/25 15:18	06/12/25 03:36	1

LCMS

Leach Batch: 651557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 410-651557/1-C	Method Blank	SPLP East	Solid	1312	
180-183865-A-11-L MS	Matrix Spike	SPLP East	Solid	1312	
180-183865-A-11-M MSD	Matrix Spike Duplicate	SPLP East	Solid	1312	

Leach Batch: 651562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326802-1	SB-08_0-2_20250520	SPLP East	Solid	1312	
460-326802-3	R1-SB-21_0-2_20250520	SPLP East	Solid	1312	
460-326802-5	IRM-EX-025_7.5_20250520	SPLP East	Solid	1312	
460-326802-6	SB-01_0-2_20250520	SPLP East	Solid	1312	
LB 410-651562/1-C	Method Blank	SPLP East	Solid	1312	

Leach Batch: 652036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327253-1	SB-09_0-2_20250519	SPLP East	Solid	1312	
LB 410-652036/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 655426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326802-1	SB-08_0-2_20250520	SPLP East	Solid	1633	651562
460-326802-3	R1-SB-21_0-2_20250520	SPLP East	Solid	1633	651562
460-326802-5	IRM-EX-025_7.5_20250520	SPLP East	Solid	1633	651562
460-326802-6	SB-01_0-2_20250520	SPLP East	Solid	1633	651562
LB 410-651557/1-C	Method Blank	SPLP East	Solid	1633	651557
LB 410-651562/1-C	Method Blank	SPLP East	Solid	1633	651562
MB 410-655426/14-A	Method Blank	Total/NA	Solid	1633	
LCS 410-655426/15-A	Lab Control Sample	Total/NA	Solid	1633	
LLCS 410-655426/16-A	Lab Control Sample	Total/NA	Solid	1633	
180-183865-A-11-L MS	Matrix Spike	SPLP East	Solid	1633	651557
180-183865-A-11-M MSD	Matrix Spike Duplicate	SPLP East	Solid	1633	651557

Analysis Batch: 656042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-326802-1	SB-08_0-2_20250520	SPLP East	Solid	Draft-4 1633	655426
460-326802-3	R1-SB-21_0-2_20250520	SPLP East	Solid	Draft-4 1633	655426
460-326802-5	IRM-EX-025_7.5_20250520	SPLP East	Solid	Draft-4 1633	655426
460-326802-6	SB-01_0-2_20250520	SPLP East	Solid	Draft-4 1633	655426
LB 410-651557/1-C	Method Blank	SPLP East	Solid	Draft-4 1633	655426
LB 410-651562/1-C	Method Blank	SPLP East	Solid	Draft-4 1633	655426
MB 410-655426/14-A	Method Blank	Total/NA	Solid	Draft-4 1633	655426
LCS 410-655426/15-A	Lab Control Sample	Total/NA	Solid	Draft-4 1633	655426
LLCS 410-655426/16-A	Lab Control Sample	Total/NA	Solid	Draft-4 1633	655426
180-183865-A-11-L MS	Matrix Spike	SPLP East	Solid	Draft-4 1633	655426
180-183865-A-11-M MSD	Matrix Spike Duplicate	SPLP East	Solid	Draft-4 1633	655426

Prep Batch: 656219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327253-1	SB-09_0-2_20250519	SPLP East	Solid	1633	652036
LB 410-652036/1-C	Method Blank	SPLP East	Solid	1633	652036
MB 410-656219/1-A	Method Blank	Total/NA	Solid	1633	
LCS 410-656219/2-A	Lab Control Sample	Total/NA	Solid	1633	

LCMS (Continued)

Prep Batch: 656219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 410-656219/3-A	Lab Control Sample Dup	Total/NA	Solid	1633	
LLCS 410-656219/4-A	Lab Control Sample	Total/NA	Solid	1633	

Analysis Batch: 656291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327253-1	SB-09_0-2_20250519	SPLP East	Solid	Draft-4 1633	656219
LB 410-652036/1-C	Method Blank	SPLP East	Solid	Draft-4 1633	656219
MB 410-656219/1-A	Method Blank	Total/NA	Solid	Draft-4 1633	656219
LCS 410-656219/2-A	Lab Control Sample	Total/NA	Solid	Draft-4 1633	656219
LCSD 410-656219/3-A	Lab Control Sample Dup	Total/NA	Solid	Draft-4 1633	656219
LLCS 410-656219/4-A	Lab Control Sample	Total/NA	Solid	Draft-4 1633	656219

Lab Chronicle

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Client Sample ID: SB-08_0-2_20250520
Lab Sample ID: 460-326802-1
Date Collected: 05/20/25 13:00
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			651562	UNWS	ELLE	06/02/25 14:10 - 06/03/25 06:59 [1]
SPLP East	Prep	1633			655426	W2FB	ELLE	06/10/25 10:23
SPLP East	Analysis	Draft-4 1633		1	656042	P7EB	ELLE	06/11/25 10:33

Client Sample ID: R1-SB-21_0-2_20250520
Lab Sample ID: 460-326802-3
Date Collected: 05/20/25 11:00
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			651562	UNWS	ELLE	06/02/25 14:10 - 06/03/25 06:59 [1]
SPLP East	Prep	1633			655426	W2FB	ELLE	06/10/25 10:23
SPLP East	Analysis	Draft-4 1633		1	656042	P7EB	ELLE	06/11/25 10:46

Client Sample ID: IRM-EX-025_7.5_20250520
Lab Sample ID: 460-326802-5
Date Collected: 05/20/25 15:15
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			651562	UNWS	ELLE	06/02/25 14:10 - 06/03/25 06:59 [1]
SPLP East	Prep	1633			655426	W2FB	ELLE	06/10/25 10:23
SPLP East	Analysis	Draft-4 1633		1	656042	P7EB	ELLE	06/11/25 11:00

Client Sample ID: SB-01_0-2_20250520
Lab Sample ID: 460-326802-6
Date Collected: 05/20/25 15:30
Matrix: Solid
Date Received: 05/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			651562	UNWS	ELLE	06/02/25 14:10 - 06/03/25 06:59 [1]
SPLP East	Prep	1633			655426	W2FB	ELLE	06/10/25 10:23
SPLP East	Analysis	Draft-4 1633		1	656042	P7EB	ELLE	06/11/25 11:15

Client Sample ID: SB-09_0-2_20250519
Lab Sample ID: 460-327253-1
Date Collected: 05/20/25 10:45
Matrix: Solid
Date Received: 05/21/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			652036	UNWS	ELLE	06/09/25 14:40 - 06/10/25 06:55 [1]
SPLP East	Prep	1633			656219	MSH2	ELLE	06/11/25 15:18
SPLP East	Analysis	Draft-4 1633		1	656291	QY4X	ELLE	06/12/25 05:11

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

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: AKRF Inc
Project/Site: 350 Grand Concourse, Bronx, NY

Job ID: 460-326802-1

Method	Method Description	Protocol	Laboratory
Draft-4 1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	ELLE
1312	SPLP Extraction	SW846	ELLE
1633	Solid-Phase Extraction (SPE)	EPA	ELLE

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:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: AKRF Inc
Job ID: 460-326802-1
Project/Site: 350 Grand Concourse, Bronx, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-326802-1	SB-08_0-2_20250520	Solid	05/20/25 13:00	05/20/25 17:00
460-326802-3	R1-SB-21_0-2_20250520	Solid	05/20/25 11:00	05/20/25 17:00
460-326802-5	IRM-EX-025_7.5_20250520	Solid	05/20/25 15:15	05/20/25 17:00
460-326802-6	SB-01_0-2_20250520	Solid	05/20/25 15:30	05/20/25 17:00
460-327253-1	SB-09_0-2_20250519	Solid	05/20/25 10:45	05/21/25 16:00

Address. _____

Chain of Custody Record

PFAS

681915

eurofins | Environment Testing America

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Kim Wills	Site Contact: M Miller	Date: 5/20/25	COC No: 1 of 1 COCs
Company Name: AKRF	Tel/Email:	Lab Contact:	Carrier:	Sampler:
Address: 440 Park Ave S. FL 7	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip: NY NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
Phone:	TAT if different from Below _____			Lab Sampling:
Fax:	☐ 2 weeks			Job / SDG No.
Project Name: 350 Grand Concourse	☐ 1 week			326802
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	SPLP PFAS PFAS - HOLD		Sample Specific Notes.
SB-08_0-2_20250520	5/20/25	1300	G	Solid	2			X	-1	
A3-0-5_20250520		1415	C		1			X	-2	Hold Analysis
RI-SB-21_0-2_20250520		1100	G		2			X	-3	
A2-0-5_20250520		1215	C		1			X	-4	Hold Analysis
IRM-EX-025_75_20250520	5/20/25	1515	G		2			X	-5	
SB-01_0-2_20250520		1530			2			X	-6	

460-326802 Chain of Custody

ELMSFORD 272

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Keep SDG open

On ice

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd. _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: AKRF	Date/Time: 5/20/25	Received by: ETA	Company: 05-20-25	Date/Time: 3:30pm
Relinquished by: ETA 05-20-25	Company:	Date/Time: 1700	Received by:	Company: ETA	Date/Time: 5/20/25 1700
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

6/4/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326802

Number of Coolers: 1 IR Gun # _____

Cooler Temperatures

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

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials RN Date: 5/24/25

Address. NYC 302

Chain of Custody Record

PFAS 681916

eurofins | Environment Testing America

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Kim Wells	Site Contact: Mimi	Date: 5/21/25	COC No:
Company Name: AKRF	Tel/Email:	Lab Contact:	Carrier:	1 of 1 COCs
Address: 440 Park Ave S, fl 7	Analysis Turnaround Time			Sampler:
City/State/Zip: NY NY 10016	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 350 Grand Concourse	☐ 1 week			Job / SDG No.
Site:	☐ 2 days			326807
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	PFAS - Hold Analysis	Sample Specific Notes:
AH-0-5_20250521	5/21/25	0830	C	Soil	1			X	Hold Analysis
AH-5-10_20250521	↓	0855	C	↓	1			X	Hold Analysis

460-326807 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Close SDG ON Ice

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by: MMiw	AKRF	5/21/25 17:30	Received by:	TA NYC	05/21/25 17:00
Relinquished by:	Company: 05/21/25 1730	Date/Time: TA NYC	Received by:	Company: GTK	Date/Time: 5/21/25 1730
Relinquished by:	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

Page 50 of 57

5/21/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 326807

Number of Coolers: 1 IR Gun # _____

Cooler Temperatures

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

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

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.*

Initials. RN Date: 5/24/25

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

NYC 222

Chain of Custody Record

PFAS

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-194891-127497.1
Client Contact: Mr. Kenneth Wiles	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: AKRF Inc	PWSID:			Job #: 327253
Address: 440 Park Avenue South 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days):			
State, Zip: NY, 10016	Compliance Project: Δ Yes Δ No			
Phone: 914-922-2354(Tel)	PO #: 240979			
Email: kwiles@akrf.com	WO #:			
Project Name: 350 Grand Concourse, Bronx, NY	Project #: 46036096			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633_Final - PFAS 1633 Standard List of 40	1633_Final - SPLP PFAS 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N		
SB-09_0-2_20250519	5/19/25	1045	G	Solid				X	2	
A1-0-5_20250519	↓	1050	C	Solid			X		1	Hold Analysis*
				Solid						
				Solid						
				Solid						

460-327253 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Rep SDG-PFAS only; NJ Reduced 1.9°C

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/19/25 1845	AKRF		05/19/25 18:45	TAnyc
2		05/20/25 17:00	TAnyc			
3					5/21 1606	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 327253

Number of Coolers: _____ IR Gun # _____

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.9 °C	2.3 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

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.

Initials: CMB Date: 5/31/25

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326802-1

Login Number: 326802
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	False	
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?	False	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326802-1

Login Number: 326802
List Number: 2
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/27/25 09:14 AM

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326802-1

Login Number: 327253
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-326802-1

Login Number: 327253
List Number: 2
Creator: McDonald, Teigan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/03/25 01:48 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

ATTACHMENT 4
QUALITY ASSURANCE PROCEDURES

DESCRIPTION OF QUALITY ASSURANCE PROCEDURES

The chain-of-custody program allows for the tracing of possession and handling of the sample from its time of collection through its chemical analysis in the laboratory. The chain-of-custody program at this Site included:

- Sample labels
- Chain-of-custody records
- Field records

To prevent misidentification of samples, a label was affixed to the sample container and contained the following information:

- Site Name
- Sample identification number
- Date and time of collection
- Name of Sampler
- Preservation (if any)
- Type of analysis to be conducted

To establish the documentation necessary to trace sample possession from the time of collection, a chain-of-custody record was filled out and accompanied samples at all times. The record contained the following information:

- Project name
- Printed name and signature of samplers
- Sample number
- Date and time of collection
- Sampling location
- Number of containers for each sample
- Signature of individuals involved in sample transfer (when relinquishing and accepting samples)
- Inclusive dates and times of possession

Grab samples were collected and placed into clean sample jars or encore sampling devices. Samples (excluding VOC) were composited using disposable or dedicated equipment. Decontamination of non-dedicated sampling equipment consisted of the following:

- Gently tap or scrape to remove adhered soil;
- Rinse with tap water;
- Wash with detergent solution and scrub;
- Rinse with tap water

Field records were maintained during each sampling effort in a logbook. All aspects of sample collection, handling and visual observations were recorded. All sample collection equipment, field analytical equipment, and equipment utilized to make physical measurements were identified in the field logbook. All calculations, results and calibration data for field sampling, field analytical measurements were also recorded in the field logbook. Entries were dated and initialed. Entries were made in ink and were legible.

The fundamental Quality Assurance objective with respect to accuracy, precision, and sensitivity of analysis for laboratory analytical data was to achieve the Quality Control acceptance of the analytical protocol. The accuracy, precision, and completeness requirements were addressed by the laboratory for all data generated.

APPENDIX G
ENVIRONMENTAL FOOTPRINT ANALYSIS

DRAFT

440 Park Avenue South, 7th Floor
New York, NY 10016
tel: 212.696.0670
www.akrf.com

Mr. Javier Perez-Maldonado
NYSDEC
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY, 12233-7016

08.28.2025

Re: Environmental Footprint Analysis (EFA)
350 Grand Concourse, Bronx, NY
NYSDEC BCP Site No. C203153

Dear Mr. Perez-Maldonado:

This Environmental Footprint Analysis (EFA) has been prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Client") for the site [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203153] located at the above-referenced location, also identified as New York City Tax Block 2341, portion of Lot 42 (the "Site"). As further detailed in the November 2023 NYSDEC Memorandum, DER-31: Green and Sustainable Remediation Initiative, beginning January 1, 2024, all remedial work plans and reports submitted to NYSDEC pursuant to a remedial program under Part 375 are required to address green and sustainable remediation (GSR) in accordance with DER-31. The EFA requirement was incorporated into the NYSDEC Decision Document as a requirement for selection between the two remedial alternatives — Track 1 and Track 2.

This EFA focuses on the primary components of the remedies: excavation and disposal of contaminated soil, installation of a vapor barrier, import of approved materials for backfill, and treatment of groundwater, and dewatering before disposal to the nearby sewer. Remedial activities including backfilling the Site after excavation would be performed using import of approximately 33,600 tons of soil for Track 1 and approximately 18,600 tons for Track 2. Remedial activities also will include removal and off-site disposal of soil/fill materials, and daily use of heavy machinery.

This EFA was performed consistent with NYSDEC guidelines, the methodologies used in the Environmental Protection Agency (EPA) Spreadsheets for Environmental Footprint Analysis (SEFA) tool, and the requirements of the Climate Leadership and Community Protection Act (CLCPA).

GREENHOUSE GASES

Greenhouse gases (GHGs) are those gaseous constituents of the atmosphere, both natural and anthropogenic, that absorb and emit radiation at specific wavelengths within the spectrum of infrared radiation emitted by the Earth's surface, the atmosphere, and clouds. The general warming of the Earth's atmosphere caused by this phenomenon is known as the "greenhouse effect." The United States Environmental Protection Agency (EPA) identifies seven types of GHGs that are relevant for GHG inventory purposes: carbon dioxide (CO_2), nitrous oxide (N_2O), methane (CH_4), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), nitrogen trifluoride (NF_3), and sulfur hexafluoride (SF_6). There are no significant direct or indirect sources of HFCs, PFCs, NF_3, or SF_6 associated with the selected remedy; therefore, the GHG assessment focuses on CO_2, N_2O, and methane.

To present a complete inventory of all GHGs, component emissions are added together and presented as carbon dioxide equivalent (CO_2e) emissions—a unit representing the quantity of each GHG weighted by its effectiveness using CO_2 as a reference. This is achieved by multiplying the quantity of each GHG emitted

by a factor called global warming potential (GWP). GWPs account for the lifetime and the radiative forcing[1] of each chemical over a period of 20 years (e.g., CO_2 has a much shorter atmospheric lifetime than N_2O and therefore has a much lower GWP). The GWPs for the main GHGs discussed here are presented in **Table 1**.

Table 1
Global Warming Potential (GWP) for Major GHGs

Greenhouse Gas	20-Year Horizon GWP
Carbon Dioxide (CO_2)	1
Methane (CH_4)	84
Nitrous Oxide (N_2O)	264
Source: 6 NYCRR 496.5	

Statewide GHG Inventory and Emission Limit

In July 2019, New York State enacted the CLCPA establishing statewide GHG emission limits that represent a 40 percent reduction from 1990 levels by 2030, and an 85 percent reduction from 1990 levels by 2050. Among other requirements to meet the state's emission reduction goals, the CLCPA directs state agencies to determine if their decisions are consistent with the statewide GHG emission limits established by the CLCPA in the Environmental Conservation Law (ECL) Article 75[2].

As part of the regulations adopted at 6 NYCRR Part 496 in 2020, the New York State Energy Research and Development Authority (NYSERDA) developed the 1990 baseline GHG emissions for New York State consistent with the calculation requirements specified under the CLCPA. The statewide inventory is separated into four sectors—Energy Sector, Industrial Processes and Product Use, Agriculture Forestry and Other Land Use, and Waste. The GHG emissions associated with the selected remedy would fall within the Energy Sector (including emissions from the direct fuel combustion and electricity usage), the Industrial Processes and Product Use Sector (the embodied emissions from the manufacturing process of materials brought to the Site), and the Waste Sector (emissions associated with the end of life for materials removed from the Site for disposal).

The GHG inventory performed by NYSERDA determined a statewide 1990 annual baseline emission total of 409.78 million metric tons (MMT) of CO_2e. As established in 6 NYCRR Part 496, the statewide annual CO_2e emission limits for 2030 and 2050 as 245.87 MMT and 61.47 MMT, respectively.

METHODOLOGY

On-Site Fuel Usage

Direct Emissions

Consistent with the SEFA tool, on-site fuel (i.e., direct) emissions were estimated based on the fuel consumption associated with construction equipment used during implementation of the remedy. On-site emissions were calculated for non-road construction engines based on specific estimates of construction activity and fuel consumption data from the NONROAD emissions module within model EPA's MOVES model. The detailed data, including the number, type, power rating, and hours of operation for all construction engines was coupled with fuel consumption rate data from EPA's MOVES model to estimate total fuel consumption throughout the duration of the construction activities.

Direct GHG emissions from Site work were calculated based on fuel consumption over the duration to complete the remedies — approximately six months to complete Track 1 or 2. The quantity of fuel was then multiplied by a unit-specific CO_2 emission factor of 10.21 kg per gallon of diesel—taken from EPA's Emission Factors for Greenhouse Gas Inventories. In order to develop CO_2e emission factors, emission

[1] *Radiative forcing* is a measure of the influence a gas has in altering the balance of incoming and outgoing energy in the Earth-atmosphere system and is an index of the importance of the gas as a GHG.

[2] CLCPA Section 7(2).

factors of N_2O and CH_4 for diesel construction equipment (1.01 g/gallon and 0.94 g/gallon, respectively) were also taken from EPA's Emission Factors Hub.

Upstream Emissions

Upstream GHG emissions were also projected based upon the estimated fuel consumption required for the selected remedy. Upstream emission factors for diesel have been specified by NYSDEC for upstream and out-of-state emissions.[3]

Off-Site Fuel Usage

Consistent with the SEFA tool, GHG emissions associated with the truck and worker trips to the Site were estimated. The numbers of trucks (concrete trucks, dump trucks, and tractor trailers) and workers for each phase of construction activity were used to estimate truck and vehicle VMT. Distances for truck deliveries were developed based on estimates of the origin and destination of materials. Table 18-7 of the *CEQR Technical Manual* was used to determine the percentage of vehicle miles traveled by road type, and the most recent version of the EPA MOVES model provided an estimate of truck GHG emission factors, which were used to produce the associated emissions attributable to the selected remedy.

GHG emissions generated by the selected remedy associated with the number of vehicle trips by mode (e.g., worker cars, delivery trucks) were calculated using the estimated number vehicles traveling to the Site to develop total vehicle miles traveled (VMT). VMT was calculated using an average round-trip commute distance of 25.3 miles for construction workers in the New York City Region (based on the average trip to work distance for the New York Metropolitan Area area)[4]; and representative round-trip distances for truck deliveries were based on EPA default one-way distances of 50 miles for construction waste and debris, and 25 miles for soil disposal and material deliveries.

Based upon a duration of six months to complete Track 1, 20,254 VMT were estimated for construction worker travel. Construction/delivery truck trips were estimated to result in 105,436 VMT. In the six months to complete Track 2, 20,254 VMT were estimated for construction worker travel. Construction/delivery truck trips were estimated to result in 63,349 VMT. GHG emissions were then estimated directly using CO_2e emission factors from the most recent version of the EPA MOVES model (MOVES4).

Material Emissions

Emissions related to the production of construction materials (embodied emissions) were estimated based on the quantity of materials to be brought to the Site along with the appropriate CO_2e emission factors used in the SEFA tool. Both Track 1 and Track 2 will import approximately 6 tons of vapor barrier and 5,920 tons of soil. Additionally, groundwater treatment chemicals will be imported with a total of approximately 3.5 tons for Track 1 and approximately 1 ton for Track 2.

Waste Emissions

Emissions associated with disposed materials exported from the Site were estimated based on the quantity of materials to be removed, the description of those materials, the potential destination, and the appropriate CO_2e emission factors used in the SEFA tool. Track 1 and Track 2 will require export of 33,600 and 18,600 tons of non-hazardous soil, respectively. For either remedial alternative, it is assumed that approximately 3,240,000 gallons of groundwater would be treated on site and discharged to the sewer adjacent to the site. All exported materials to be sent to hazardous or non-hazardous waste landfill facilities for disposal, as applicable. Therefore, emissions associated with both waste handling and transportation of the materials to the disposal facility were included in the off-site fuel usage estimates.

[3] NYSDEC. Appendix A of the *2024 Statewide GHG Emission Report*. December 2024.

[4] New York State Department of Transportation (NYSDOT). *2009 NHTS, New York State Add-On*. Key Tables. Table 3: Average Travel Day Person-Trip Length by Mode and Purpose, trip-to work distance for SOV in NYMTC 10-county area. 2011.

PROJECTED CARBON FOOTPRINT

The estimated GHG emissions for the selected remedy are presented in **Tables 2 and 3**. Detailed calculations can be found in Appendix A.

Table 2
Summary of GHG Emissions—Track 1
(metric tons CO2e)

Core Element	Energy Consumption (MMBtu)	Direct Emissions	Indirect Emissions	*Total*
On-Site Fuel Usage	*1,665*	*124*	*40*	*164*
Off-Site Fuel Usage	*3,141*	*0*	*232*	*232*
Material	*764*	*0*	*28*	*28*
Waste	*7,657*	*0*	*543*	*543*
Total	***13,227***	***124***	***843***	***967***
Note: Totals may not sum due to rounding. See detailed calculations in Appendix A.				

Table 3
Summary of GHG Emissions—Track 2
(metric tons CO2e)

Core Element	Energy Consumption (MMBtu)	Direct Emissions	Indirect Emissions	*Total*
On-Site Fuel Usage	*1,665*	*124*	*40*	*164*
Off-Site Fuel Usage	*1,929*	*0*	*143*	*143*
Material	*686*	*0*	*24*	*24*
Waste	*5,257*	*0*	*373*	*373*
Total	***9,537***	***124***	***579***	***703***
Note: Totals may not sum due to rounding. See detailed calculations in Appendix A.				

If you have any questions or require additional information, please contact me at (646) 388-9846 or Kenneth Wiles at (646) 388-9528.

Sincerely,
AKRF, Inc.

Kevin Edwards
Senior Technical Director

Enclosures: Appendix A – GHG Emissions Detailed Calculations

APPENDIX A
GHG EMISSIONS DETAILED CALCULATIONS

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Construction Emissions Summary

Table B
Summary of GHG Emissions--Track 1
(metric tons CO2e)

Core Element	Energy Consumption (MMBtu)	Direct Emissions	Indirect Emissions	*Total*
On-Site Fuel Usage	1,665	*124*	*40*	*164*
Off-Site Fuel Usage	3,141	*0*	*232*	*232*
Material	764	*0*	*28*	*28*
Waste	7,657	*0*	*543*	*543*
Total	**13,227**	**124**	**843**	***967***

Note: Totals may not sum due to rounding. See detailed calculations in Attachment A.

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Construction Task Schedule

Representative Start Date 1/2/2026

Site	Task	Duration		
		Days	Start	End
350 Grand Concourse	Export	128	1/2/2026	6/30/2026
	Import	17	6/8/2026	6/30/2026
	Total	128	1/2/2026	6/30/2026

350 Grand Concourse

Excavated Soil		
Non-Hazardous	33,600	ton
Lead	-	ton
TCE	-	ton
TOTAL	33,600	ton
Vapor Barrier Import	43,400	SF
	6	ton
Soil Import	3,700	CY
	5,920	ton
Groundwater Disposal	3240000	gallons
	14256	ton
Groundwater Treatment Import	7000	lbs
	3.5	ton

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Truck Schedule

Import/Export Material Type	Material Origin/Destination	Tonnage	Total Trucks	Travel Distance (mi)
SOIL DISPOSAL				
	TOTAL	33,600	1,400	
	Landfill (Prospect Park, NJ)	26,880	1,120	21.4
	Landfill (Carteret, NJ)	3,360	140	32.4
	Landfill (New Castle, DE)	3,360	140	133.1
VAPOR BARRIER IMPORT				
	TOTAL	6	1	
	Remediation Import (SEFA Deault)	6	1	25.0
SOIL IMPORT				
	TOTAL	5,920	185	
	Remediation Import (SEFA Deault)	5,920	185	25.0
GROUNDWATER TREAMENT IMPORT				
	TOTAL	4	1	
	Remediation Import (Nashille, TN)	4	1	930.0

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Worker Projections

Site	Start Date	End Date	Task	Workers Per Day	Modal Split	Auto Occupancy	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																															
	Jan-26	Jun-26	Export/Import	20	43%	1.17	154	147	169	169	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly trips (trip/month)				**154**	**147**	**169**	**169**	**162**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Site	Start Date	End Date	Task	One Way Trip Distance (mi)		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export/Import	12.64		3902	3716	4274	4274	4088	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly VMT (mi/month)			**3902**	**3716**	**4274**	**4274**	**4088**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Total VMT **20,254** mi

Fuel Consumption
697 gallons
87 MMBtu

Site	Start Date	End Date	Task	CO2e Emission Factor		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export/Import	306		1193	1137	1307	1307	1250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly Emissions (kg/month)			**1,193**	**1,137**	**1,307**	**1,307**	**1,250**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
			Monthly Emissions (MT/month)			**1.2**	**1.1**	**1.3**	**1.3**	**1.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	

Total Emissions
6,195 kg
6 metric ton

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Truck Emissions

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	Total Trucks	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	1,120	184	175	193	193	184	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	Carteret, NJ	140	23	22	24	24	23	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	New Castle, DE	140	23	22	24	24	23	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Import	SEFA Default	185	0	0	0	0	0	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				GW Treatment Import	Nashville, TN	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Monthly trips (trip/month)		**230**	**219**	**241**	**241**	**230**	**428**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	One Way Trip Distance	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	21	7,864.5	7,490.0	8,239.0	8,239.0	7,864.5	8,239.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Disposal	Carteret, NJ	32	1,488.4	1,417.5	1,559.3	1,559.3	1,488.4	1,559.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Disposal	New Castle, DE	133	6,114.3	5,823.1	6,405.4	6,405.4	6,114.3	6,405.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	25	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Import	SEFA Default	25	0.0	0.0	0.0	0.0	0.0	9,250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				GW Treatment Import	Nashville, TN	930	0.0	0.0	0.0	0.0	0.0	1,860.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Monthly VMT (mi/month)		**15,467.2**	**14,730.6**	**16,203.7**	**16,203.7**	**15,467.2**	**27,363.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Total VMT
105,436 mi

Fuel Consumption
21,995 gallon
3,035 MMBtu

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	CO2e Emission Factor	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	2,129	16,744	15,947	17,541	17,541	16,744	17,541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	Carteret, NJ	2,129	3,169	3,018	3,320	3,320	3,169	3,320	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	New Castle, DE	2,129	13,018	12,398	13,638	13,638	13,018	13,638	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	2,129	0	0	0	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Import	SEFA Default	2,129	0	0	0	0	0	19,694	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				GW Treatment Import	Nashville, TN	2,129	0	0	0	0	0	3,960	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Monthly Emissions (kg/month)		**32,931**	**31,363**	**34,499**	**34,499**	**32,931**	**58,259**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
					Monthly Emissions (MT/month)		**33**	**31**	**34**	**34**	**33**	**58**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Total Emissions
224,482 kg
224 metric ton

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Equipment Schedule

	Start Date	End Date	Equipment	Engine type	Size (hp)	Qty	Daily use	Average Use	Load	Fuel Consumption Factor (g/hp-hr) 2026	Short-Term BSFC Factor (lb/day) 2026	Fuel Consumption Factor (gal/hp-hr) 2026	Short-Term BSFC Factor (gal/day) 2026
Export													
	1/2/2026	6/30/2026	Backhoe	diesel	100	1	100%	100%	21%	218.1776822	80.80790289	0.068614815	11.52728885
	1/2/2026	6/30/2026	Generator	diesel	50	1	100%	100%	43%	185.0655186	70.1759315	0.058201353	10.01063267
	1/2/2026	6/30/2026	Excavator	diesel	250	1	100%	100%	59%	168.2826573	437.7796798	0.052923302	62.44949617
Import													
	6/8/2026	6/30/2026	Excavator	diesel	250	1	100%	100%	59%	168.2826573	437.7796798	0.052923302	62.44949617

Export	588.7635142		83.98741769
Import	437.7796798		62.44949617

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Equipment Emissions

Site	Start Date	End Date	Task	Annual BSFC Factor (lb/day)	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export	588.7635142	12,364	11,775	13,542	13,542	12,953	12,953																			
	Jun-26	Jun-26	Import	437.7796798						7,442																				

Site	Start Date	End Date	Task	Annual Fuel Consumption (gal/day)	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export	83.98741769	1,764	1,680	1,932	1,932	1,848	1,848																			
	Jun-26	Jun-26	Import	62.44949617						1,062																				
			Monthly Fuel Consumption (gal/month)		1,764	1,680	1,932	1,932	1,848	2,909	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Fuel Consumption
12,064 gal
1,665 MMBtu

Annual CO2 Emissions (kg/month) / **Annual CO2 Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	#######	17150.23	19722.77	19722.77	18865.25	18865.25																			
	Jun-26	Jun-26	Import						10839.36																				
			Monthly Emissions (kg/month)	18,008	17,150	19,723	19,723	18,865	29,705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual CH4 Emissions (kg/month) / **Annual CH4 Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	0.72	0.688697	0.792001	0.792001	0.757567	0.757567																			
	Jun-26	Jun-26	Import						0.435273																				
			Monthly Emissions (kg/month)	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual N2O Emissions (kg/month) / **Annual N2O Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	0.14	0.13438	0.154537	0.154537	0.147818	0.147818																			
	Jun-26	Jun-26	Import						0.084931																				
			Monthly Emissions (kg/month)	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual Direct CO2e Emissions (kg/month) / **Annual Direct CO2e Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	#######	17243.56	19830.09	19830.09	18967.91	18967.91																			
	Jun-26	Jun-26	Import						10898.34																				
			Monthly Emissions (kg/month)	18,106	17,244	19,830	19,830	18,968	29,866	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Monthly Emissions (MT/month)	18.11	17.24	19.83	19.83	18.97	29.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
123,844 kg
124 metric ton

Annual Upstream CO2e Emissions (kg/month) / **Annual Upstream CO2e Emissions (kg/month)**

Site	Start Date	End Date	Task	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																												
	Jan-26	Jun-26	Export	5,893.58	5612.933	6454.873	6454.873	6174.226	6174.226																			
	Jun-26	Jun-26	Import						3547.509																				
			Monthly Emissions (kg/month)	5,894	5,613	6,455	6,455	6,174	9,722	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Monthly Emissions (MT/month)	5.89	5.61	6.45	6.45	6.17	9.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
40,312 kg
40 metric ton

Emissions Summary (metric ton)

	Monthly																											Annual Total
Equipment-Direct	18	17	20	20	19	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124
Equipment-Indirect	6	6	6	6	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Trucks	33	31	34	34	33	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	224
Cars	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Materials																												28
Waste																												543
Total	58	55	62	62	59	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	965

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Imported Material Emissions

							Lookup ID 3	4	5	6	7	8	
Material	**SEFA Lookup**	**Quantity**	**Unit**	**Conversion**	**Quantity**	**Unit**	**Energy Usage (MMBtu)**	**GHG (lb CO2e)**	**NOx (lb)**	**SOx (lb)**	**PM (lb)**	**HAPs (lb)**	
Vapor Barrier	HDPE	6	ton	2000	11,000	lb	365	21,340	36	45	5	1	
Soil	Sand	5,920	ton	2000	11,840,000	lb	294	28,416	213	54	31	4	
Groundwater Treament	Other Treatment Chemicals & Materials	4	ton	2000	7,000	lbs	105	11,690	21	46	4	0	
						Total	764	61,446	270	144	40	4	lb
								30.723	0.135	0.072	0.020	0.002	ton
								27,871					kg
								28					MT

SEFA Tool Material Table

		Lookup ID 3	4	5	6	7	8
Construction Materials	**Unit**	**Energy Usage (MMBtu/unit)**	**GHG (lb CO2e/unit)**	**NOx (lb/unit)**	**SOx (lb/unit)**	**PM (lb/unit)**	**HAPs (lb/unit)**
Aluminum, Rolled Sheet	lb	0.0633	9.15	0.0148	0.0283	0.0088	0.00102
Asphalt, mastic	lb	0.0412	0.85	0.00271	0.00798	0.000766	0.00107
Asphalt, paving-grade	lb	0.5	8.58	0.0299	0.0969	0.0091	0.0133
Ethanol, Corn, 95%	lb	0.0318	-0.0199	0.00425	0.00303	0.000469	0.0000846
Ethanol, Corn, 99.7%	lb	0.0324	0.0591	0.00431	0.0031	0.000472	0.000087
Ethanol, Petroleum, 99.7%	lb	0.0205	1.25	0.00199	0.00214	0.000277	0.0000589
Gravel/Sand Mix, 65% Gravel	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Gravel/sand/clay	lb	0.000028	0.00335	0.0000165	0.000015	0.000002	2.05E-10
HDPE	lb	0.0332	1.94	0.00325	0.00409	0.000439	0.0000641
Photovoltaic system (installed)	W	0.0336	4.47	0.015	0.032	0.00063	0.0000029
PVC	lb	0.0262	2.02	0.004	0.00274	0.000372	0.000375
Portland cement, US average	lb	0.0139	1.34	0.00654	0.0104	0.00378	0.00097
Ready-mixed concrete, 20 MPa	ft3	0.217	19.5	0.0975	0.154	0.057	0.0141
Round Gravel	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Sand	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Stainless Steel	lb	0.0116	3.4	0.0075	0.012	0.0044	0.000144
Steel	lb	0.0044	1.1	0.0014	0.0017	0.00056	0.000067
Other refined construction materials	lb	0.01885	2.115	0.0040375	0.0051325	0.00144275	0.000162525
Other unrefined construction materials	lb	0.000028	0.00335	0.0000165	0.000015	0.000002	2.05E-10
Cheese Whey	lbs	0.0025	0.031	0.000062	0.000033	0.000002	NP
Emulsified vegetable oil	lbs	0.0077	3.44	0.0066	0.0019	0.000033	NP
Granular activated carbon, primary	lbs	0.0356	4.82	0.0793	0.128	0.000987	0.000657
Granular activated carbon, regenerated	lbs	0.00873	1.7	0.00733	0.0129	0.000886	0.000671
Hydrogen Peroxide, 50% in H2O	lbs	0.00979	1.19	0.00142	0.0024	0.000308	0.0000629
Iron (II) Sulfate	lbs	0.00147	0.167	0.000316	0.000589	0.000103	0.000023
Lime, Hydrated, Packed	lbs	0.00206	0.762	0.000513	0.000358	0.00013	0.00000657
Molasses	lbs	0.0044	0.48	0.0011	0.00024	0.0000041	NP
Phosphoric Acid, 70% in H2O	lbs	0.0067	0.882	0.00282	0.0294	0.00171	0.000163
Potassium Permanganate	lbs	0.00981	1.16	0.00234	0.0032	0.000422	0.000122
Sodium Hydroxide, 50% in H2O	lbs	0.00977	1.09	0.00194	0.00352	0.000403	0.000129
Other Treatment Chemicals & Materials	lbs	0.015	1.67	0.003	0.0065	0.00061	0.000016

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Waste Emissions

							Lookup ID 3	4	5	6	7	8	
Material	**SEFA Lookup**	**Quantity**	**Unit**	**Conversion**	**Quantity**	**Unit**	**Energy Usage (MMBtu)**	**GHG (lb CO2e)**	**NOx (lb)**	**SOx (lb)**	**PM (lb)**	**HAPs (lb)**	
Non-hazardous Soil Disposal	Off-site non-hazardous waste landfill	33,600	ton	1	33,600	ton	5,376	840,000	4,704	2,520	13,440	47	
Groundwater Disposal	Off-site non-hazardous waste landfill	14,256	ton	1	14,256	ton	2,281	356,400	1,996	1,069	5,702	20	
						Total	7,657	1,196,400	6,700	3,589	19,142	67	lb
								598.200	3.350	1.795	9.571	0.033	ton
								542,678					kg
								543					MT

SEFA Tool Waste Table

		Lookup ID 3	4	5	6	7	8
Waste Treatment	**Unit**	**Energy Usage (MMBtu/unit)**	**GHG (lb CO2e/unit)**	**NOx (lb/unit)**	**SOx (lb/unit)**	**PM (lb/unit)**	**HAPs (lb/unit)**
Hazardous waste incineration	lb	0.00609	2.43	0.0016	0.00167	0.000209	0.000087
Off-site waste water treatment (POTW)	gal x 1000	0.015	4.4	0.016	0.015		
Off-site non-hazardous waste landfill	ton	0.16	25	0.14	0.075	0.4	0.0014
Off-site hazardous waste landfill	ton	0.18	27.5	0.154	0.0825	0.44	0.00154
Off-site Laboratory Analysis - Other	sample	0.058071029	6.85343842	0.131401957	0.303875767	0.045569824	0.033016529
Off-site Laboratory Analysis - Metals	sample	0.212	27.4693	0.6423	1.5072	0.2264	0.1643
Off-site Laboratory Analysis - Mercury	sample	0.073171472	9.325458	0.2127439	0.4982396	0.07473594	0.05423316
Off-site Laboratory Analysis - Inorganic Anions	sample	0.007402451	0.6459478	0.006768122	0.014792866	0.002202395	0.001554243
Off-site Laboratory Analysis - Alkalinity	sample	0.017439833	1.3381922	0.007010628	0.013249646	0.001940048	0.001283077
Off-site Laboratory Analysis - Perchlorate	sample	0.023884988	1.8717054	0.007980652	0.014153532	0.002054687	0.001287486
Off-site Laboratory Analysis - Nitrogen/Nitrate	sample	0.033647504	4.29897	0.09545918	0.2226646	0.03350992	0.0242506
Off-site Laboratory Analysis - Sulfate	sample	0.014122473	1.4726728	0.007980652	0.013602382	0.001979731	0.001201507
Off-site Laboratory Analysis - PCBs	sample	0.0512769	5.224902	0.08333388	0.19047744	0.02843934	0.021208252
Off-site Laboratory Analysis - VOCs	sample	0.076204487	9.016814	0.10449804	0.2270738	0.03395084	0.02358922
Off-site Laboratory Analysis - SVOCs	sample	0.071560184	7.870422	0.14594452	0.3373038	0.05048534	0.03725774

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Grid Electricity Emissions

					2026												2027												
Site	**Start Date**	**End Date**	**Eletrical Equipment**	**Daily Energy Demand (kWh/day)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	1/2/2026	6/30/2026	Mobile Office	50	1,050	1,000	1,150	1,150	1,100																				
					1,050	**1,000**	**1,150**	**1,150**	**1,100**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Demand
5,450 kWh
19 MMBtu

					2026												2027												
Site	**Start Date**	**End Date**	**Eletrical Equipment**	**Grid Baseload Emissions (g/kWh)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	1/2/2026	6/30/2026	Mobile Office	276.1942085	290,004	276,194	317,623	317,623	303,814																				
					290,004	**276,194**	**317,623**	**317,623**	**303,814**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					290	276	318	318	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
1,505,258 g
1,505 kg
2 MT

350 Grand Concourse - Track 1
Environmental Footprint Analysis
Emission Factors

BSFC Emission Factors (g/hp-hr)

ID	Equipment	Engine	SCC Code	HPmin	HPmax	HP	Equipment	Load	2026
	Dsl - Excavators	Diesel	2270002036	175	300	173-250	Excavator	59%	168.3
	Dsl - Tractors/Loaders/Backhoes	Diesel	2270002066	76	100	100	Backhoe	21%	218.2
	Dsl - Generator Sets	Diesel	2270006005	26	40	30	Generator	43%	185.1
	Dsl - Bore/Drill Rigs	Diesel	2270002033	301	600	450	Pile driver	43%	166.5
	Dsl - Crawler Tractor/Dozers	Diesel	2270002069	301	600	310	Dozer	59%	168.3
	Dsl - Other Construction Equipment	Diesel	2270002081	301	600	400	Concrete pump	59%	168.3
	Dsl - Rubber Tire Loaders	Diesel	2270002060	176	300	200	Wheeled front end loader	59%	168.3
	Dsl - Cranes	Diesel	2270002045	176	300	300	100 ton crawler crane	43%	166.5

*for excavator in 2006 Hpmax 300 used

Fuel Properties

Densities	kg/L	g/gal	lb/gal
Diesel	0.84	3,179.75	7.01
Gasoline	0.74	2,801.21	6.18
LPG	0.54	2,044.12	4.51

BSFC Emission Factors (gal/hp-hr)

ID	Equipment	Engine	SCC Code	HPmin	HPmax	HP	Equipment	Load	2026
	Dsl - Excavators	Diesel	2270002036	175	300	173-250	Excavator	59%	0.0529
	Dsl - Tractors/Loaders/Backhoes	Diesel	2270002066	76	100	100	Backhoe	21%	0.0686
	Dsl - Generator Sets	Diesel	2270006005	26	40	30	Generator	43%	0.0582
	Dsl - Bore/Drill Rigs	Diesel	2270002033	301	600	450	Pile driver	43%	0.0524
	Dsl - Crawler Tractor/Dozers	Diesel	2270002069	301	600	310	Dozer	59%	0.0529
	Dsl - Other Construction Equipment	Diesel	2270002081	301	600	400	Concrete pump	59%	0.0529
	Dsl - Rubber Tire Loaders	Diesel	2270002060	176	300	200	Wheeled front end loader	59%	0.0529
	Dsl - Cranes	Diesel	2270002045	176	300	300	100 ton crawler crane	43%	0.0524

EPA Fuel Emission Factors

Diesel

GWP-100	GWP-20	kg/gal	GHG	GWP-20 Equivalent Emissions		GWP-100 Equivalent Emissions		SEFA Default	
1	1	10.21	CO2	10.27	kg CO2e/gal	10.24268	kg CO2e/gal	10.20582833	kg CO2e/gal
28	84	0.00041	CH4	22.63168431	lb CO2e/gal	22.58124254	lb CO2e/gal	22.5	lb CO2e/gal
265	264	0.00008	N2O						

https://www.epa.gov/system/files/documents/2025-01/ghg-emission-factors-hub-2025.pdf

GWP-20 Equivalent Emissions with Upstream	
13.607092	kg CO2e/gal
29.99850086	lb CO2e/gal

Gasoline

GWP-100	GWP-20	kg/gal	GHG	GWP-20 Equivalent Emissions		GWP-100 Equivalent Emissions		SEFA Default	
1	1	8.78	CO2	8.83	kg CO2e/gal	8.81184	kg CO2e/gal	8.890410452	kg CO2e/gal
28	84	0.00038	CH4	19.47351852	lb CO2e/gal	19.42678052	lb CO2e/gal	19.6	lb CO2e/gal
265	264	0.00008	N2O						

ghg-emission-factors-hub-2025.pdf

MOVES TRUCKS FACTORS	PM2.5	PM10	CO	NOx	VOC	CO2e	SO2	
2024 - Truck Idling (g/hr)	6.71	7.30	25.14	96.40	11.5036	7746.96	0.0486427	
2024 - Truck Cruising - 5mph (g/veh)	0.24	0.26	1.49	4.36	0.327756	438.16	0.00275184	
2024 - Truck Cruising - 25mph (g/mi)	1.13	1.23	5.24	19.66	0.803909	2129.08	0.0133769	
2024 - Auto Cruising - 25mph (g/mi)	0.01	0.01	2.17	0.24	0.0458798	305.848	0.00525061	

Truck Mileage

10205.8283	g/gal
2129.08	g/mi
4.79353915	mpg
0.20861413	gal per mi
0.02878875	MMBtu/mi

Car Mileage

8890.41	g/gal
305.848	g/mi
29.06807	mpg
0.034402	gal per mi
0.0043	MMBtu/mi

Distance Traveled On-site: approximately 0.1 mile per truck

0.1 mile per truck

HHV

Diesel	0.138	mmBtu per gallon
Gasoline	0.125	mmBtu per gallon

NYSDEC Upstream Emission Factor

Table A1. 2021 Emission Rates for Upstream Out-of-State Sources (g/mmbtu)

	Diesel Fuel	
CH4	117.000	g/MMBtu
N2O	0.250	g/MMBtu
CO2	13,634	g/MMBtu
CO2e	24,214	g/MMBtu

	Diesel Fuel	
CH4	16.146	g/gal
N2O	0.035	g/gal
CO2	1,881	g/gal
CO2e	3,342	g/gal

NYSDEC, *Appendix A of the 2024 Statewide GHG Emission Report. December 2024*

eGRID Baseload Electricity Factor

Data Year	eGRID subregion acronym	eGRID subregion name	Unit	eGRID subregion annual CO2 total output emission rate	eGRID subregion annual CH4 total output emission rate	eGRID subregion annual N2O total output emission rate	eGRID subregion annual CO2 equivalent total output emission rate (GWP-100)	eGRID subregion annual CO2 equivalent total output emission rate (GWP-20)
2022	NYCW	NPCC NYC/Westchester	lb/MWh	602.088	0.056	0.008	605.872	608.904
			g/kWh	273.103	0.025	0.004	274.819	**276.194**

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Construction Emissions Summary

Table B
Summary of GHG Emissions--Track 2
(metric tons CO2e)

Core Element	Energy Consumption (MMBtu)	Direct Emissions	Indirect Emissions	*Total*
On-Site Fuel Usage	1,665	*124*	*40*	*164*
Off-Site Fuel Usage	1,929	*0*	*143*	*143*
Material	686	*0*	*24*	*24*
Waste	5,257	*0*	*373*	*373*
Total	**9,537**	**124**	**579**	***703***

Note: Totals may not sum due to rounding. See detailed calculations in Attachment A.

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Construction Task Schedule

Representative Start Date 1/2/2026

Site	Task	Duration		
		Days	Start	End
350 Grand Concourse	Export	128	1/2/2026	6/30/2026
	Import	17	6/8/2026	6/30/2026
	Total	128	1/2/2026	6/30/2026

350 Grand Concourse

Excavated Soil		
Non-Hazardous	18,600	ton
Lead	-	ton
TCE	-	ton
TOTAL	18,600	ton
Vapor Barrier Import	43,400	SF
	6	ton
Soil Import	3,700	CY
	5,920	ton
Groundwater Disposal	3240000	gallons
	14256	ton
Groundwater Treatment Import	1800	lbs
	0.9	ton

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Truck Schedule

Import/Export Material Type	Material Origin/Destination	Tonnage	Total Trucks	Travel Distance (mi)
SOIL DISPOSAL				
	TOTAL	18,600	775	
	Landfill (Prospect Park, NJ)	14,880	620	21.4
	Landfill (Carteret, NJ)	1,860	78	32.4
	Landfill (New Castle, DE)	1,860	78	133.1
VAPOR BARRIER IMPORT				
	TOTAL	6	1	
	Remediation Import (SEFA Deault)	6	1	25.0
SOIL IMPORT				
	TOTAL	5,920	185	
	Remediation Import (SEFA Deault)	5,920	185	25.0
GROUNDWATER TREAMENT IMPORT				
	TOTAL	1	1	
	Remediation Import (Nashille, TN)	1	1	930.0

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Worker Projections

						2026												2027												
Site	**Start Date**	**End Date**	**Task**	**Workers Per Day**	**Modal Split**	**Auto Occupancy**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export/Import	20	43%	1.17	154	147	169	169	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly trips (trip/month)				**154**	**147**	**169**	**169**	**162**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

					2026												2027												
Site	**Start Date**	**End Date**	**Task**	**One Way Trip Distance (mi)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export/Import	12.64	3902	3716	4274	4274	4088	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly VMT (mi/month)		**3902**	**3716**	**4274**	**4274**	**4088**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Total VMT **20,254** mi

Fuel Consumption
697 gallons
87 MMBtu

						2026												2027												
Site	**Start Date**	**End Date**	**Task**	**CO2e Emission Factor**		Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export/Import	306		1193	1137	1307	1307	1250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Monthly Emissions (kg/month)			**1,193**	**1,137**	**1,307**	**1,307**	**1,250**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
			Monthly Emissions (MT/month)			**1.2**	**1.1**	**1.3**	**1.3**	**1.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	

Total Emissions
6,195 kg
6 metric ton

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Truck Emissions

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	Total Trucks	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	620	102	97	107	107	102	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	Carteret, NJ	78	13	12	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	New Castle, DE	78	13	12	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Import	SEFA Default	185	0	0	0	0	0	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				GW Treatment Import	Nashville, TN	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Monthly trips (trip/month)		**127**	**121**	**133**	**133**	**127**	**320**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	One Way Trip Distance	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	21	4,353.6	4,146.3	4,560.9	4,560.9	4,353.6	4,560.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Disposal	Carteret, NJ	32	823.9	784.7	863.2	863.2	823.9	863.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Disposal	New Castle, DE	133	3,384.7	3,223.5	3,545.9	3,545.9	3,384.7	3,545.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	25	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Soil Import	SEFA Default	25	0.0	0.0	0.0	0.0	0.0	9,250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				GW Treatment Import	Nashville, TN	930	0.0	0.0	0.0	0.0	0.0	1,860.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Monthly VMT (mi/month)		**8,562.2**	**8,154.5**	**8,969.9**	**8,969.9**	**8,562.2**	**20,129.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	

Total VMT
63,349 mi

Fuel Consumption
13,215 gallon
1,824 MMBtu

Site	Start Date	End Date	Task	Truck Activity	Origin/Destination	CO2e Emission Factor	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																														
	Jan-26	Jun-26	Export																											
				Soil Disposal	Prospect Park, NJ	2,129	9,269	8,828	9,710	9,710	9,269	9,710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	Carteret, NJ	2,129	1,754	1,671	1,838	1,838	1,754	1,838	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Disposal	New Castle, DE	2,129	7,206	6,863	7,549	7,549	7,206	7,549	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun-26	Jun-26	Import																											
				Vapor Barrier Import	SEFA Default	2,129	0	0	0	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Soil Import	SEFA Default	2,129	0	0	0	0	0	19,694	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				GW Treatment Import	Nashville, TN	2,129	0	0	0	0	0	3,960	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Monthly Emissions (kg/month)		**18,230**	**17,361**	**19,098**	**19,098**	**18,230**	**42,858**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
					Monthly Emissions (MT/month)		**18**	**17**	**19**	**19**	**18**	**43**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Total Emissions
134,874 kg
135 metric ton

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Equipment Schedule

	Start Date	End Date	Equipment	Engine type	Size (hp)	Qty	Daily use	Average Use	Load	Fuel Consumption Factor (g/hp-hr) 2026	Short-Term BSFC Factor (lb/day) 2026	Fuel Consumption Factor (gal/hp-hr) 2026	Short-Term BSFC Factor (gal/day) 2026
Export													
	1/2/2026	6/30/2026	Backhoe	diesel	100	1	100%	100%	21%	218.1776822	80.80790289	0.068614815	11.52728885
	1/2/2026	6/30/2026	Generator	diesel	50	1	100%	100%	43%	185.0655186	70.1759315	0.058201353	10.01063267
	1/2/2026	6/30/2026	Excavator	diesel	250	1	100%	100%	59%	168.2826573	437.7796798	0.052923302	62.44949617
Import													
	6/8/2026	6/30/2026	Excavator	diesel	250	1	100%	100%	59%	168.2826573	437.7796798	0.052923302	62.44949617

Export	588.7635142		83.98741769
Import	437.7796798		62.44949617

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Equipment Emissions

Site	Start Date	End Date	Task	Annual BSFC Factor (lb/day)	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export	588.7635142	12,364	11,775	13,542	13,542	12,953	12,953																			
	Jun-26	Jun-26	Import	437.7796798						7,442																				

Site	Start Date	End Date	Task	Annual Fuel Consumption (gal/day)	2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export	83.98741769	1,764	1,680	1,932	1,932	1,848	1,848																			
	Jun-26	Jun-26	Import	62.44949617						1,062																				
			Monthly Fuel Consumption (gal/month)		1,764	1,680	1,932	1,932	1,848	2,909	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Fuel Consumption
12,064 gal
1,665 MMBtu

Annual CO2 Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		#######	17150.23	19722.77	19722.77	18865.25	18865.25																			
	Jun-26	Jun-26	Import							10839.36																				
			Monthly Emissions (kg/month)		18,008	17,150	19,723	19,723	18,865	29,705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual CH4 Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		0.72	0.688697	0.792001	0.792001	0.757567	0.757567																			
	Jun-26	Jun-26	Import							0.435273																				
			Monthly Emissions (kg/month)		1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual N2O Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		0.14	0.13438	0.154537	0.154537	0.147818	0.147818																			
	Jun-26	Jun-26	Import							0.084931																				
			Monthly Emissions (kg/month)		0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Annual Direct CO2e Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		#######	17243.56	19830.09	19830.09	18967.91	18967.91																			
	Jun-26	Jun-26	Import							10898.34																				
			Monthly Emissions (kg/month)		18,106	17,244	19,830	19,830	18,968	29,866	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Monthly Emissions (MT/month)		18.11	17.24	19.83	19.83	18.97	29.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
123,844 kg
124 metric ton

Annual Upstream CO2e Emissions (kg/month)

Site	Start Date	End Date	Task		2026 Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	2027 Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	Jan-26	Jun-26	Export		5,893.58	5612.933	6454.873	6454.873	6174.226	6174.226																			
	Jun-26	Jun-26	Import							3547.509																				
			Monthly Emissions (kg/month)		5,894	5,613	6,455	6,455	6,174	9,722	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Monthly Emissions (MT/month)		5.89	5.61	6.45	6.45	6.17	9.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
40,312 kg
40 metric ton

Emissions Summary (metric ton)

	Monthly																											Annual Total
Equipment-Direct	18	17	20	20	19	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124
Equipment-Indirect	6	6	6	6	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Trucks	18	17	19	19	18	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
Cars	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Materials																												24
Waste																												373
Total	43	41	47	47	45	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	702

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Imported Material Emissions

							Lookup ID 3	4	5	6	7	8	
Material	**SEFA Lookup**	**Quantity**	**Unit**	**Conversion**	**Quantity**	**Unit**	**Energy Usage (MMBtu)**	**GHG (lb CO2e)**	**NOx (lb)**	**SOx (lb)**	**PM (lb)**	**HAPs (lb)**	
Vapor Barrier	HDPE	6	ton	2000	11,000	lb	365	21,340	36	45	5	1	
Soil	Sand	5,920	ton	2000	11,840,000	lb	294	28,416	213	54	31	4	
Groundwater Treament	Other Treatment Chemicals & Materials	1	ton	2001	1,801	lbs	27	3,008	5	12	1	0	
						Total	686	52,764	254	110	37	4	lb
								26.382	0.127	0.055	0.018	0.002	ton
								23,933					kg
								24					MT

SEFA Tool Material Table

		Lookup ID 3	4	5	6	7	8
Construction Materials	**Unit**	**Energy Usage (MMBtu/unit)**	**GHG (lb CO2e/unit)**	**NOx (lb/unit)**	**SOx (lb/unit)**	**PM (lb/unit)**	**HAPs (lb/unit)**
Aluminum, Rolled Sheet	lb	0.0633	9.15	0.0148	0.0283	0.0088	0.00102
Asphalt, mastic	lb	0.0412	0.85	0.00271	0.00798	0.000766	0.00107
Asphalt, paving-grade	lb	0.5	8.58	0.0299	0.0969	0.0091	0.0133
Ethanol, Corn, 95%	lb	0.0318	-0.0199	0.00425	0.00303	0.000469	0.0000846
Ethanol, Corn, 99.7%	lb	0.0324	0.0591	0.00431	0.0031	0.000472	0.000087
Ethanol, Petroleum, 99.7%	lb	0.0205	1.25	0.00199	0.00214	0.000277	0.0000589
Gravel/Sand Mix, 65% Gravel	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Gravel/sand/clay	lb	0.000028	0.00335	0.0000165	0.000015	0.000002	2.05E-10
HDPE	lb	0.0332	1.94	0.00325	0.00409	0.000439	0.0000641
Photovoltaic system (installed)	W	0.0336	4.47	0.015	0.032	0.00063	0.0000029
PVC	lb	0.0262	2.02	0.004	0.00274	0.000372	0.000375
Portland cement, US average	lb	0.0139	1.34	0.00654	0.0104	0.00378	0.00097
Ready-mixed concrete, 20 MPa	ft3	0.217	19.5	0.0975	0.154	0.057	0.0141
Round Gravel	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Sand	lb	0.0000248	0.0024	0.000018	0.00000452	0.00000261	0.000000308
Stainless Steel	lb	0.0116	3.4	0.0075	0.012	0.0044	0.000144
Steel	lb	0.0044	1.1	0.0014	0.0017	0.00056	0.000067
Other refined construction materials	lb	0.01885	2.115	0.0040375	0.0051325	0.00144275	0.000162525
Other unrefined construction materials	lb	0.000028	0.00335	0.0000165	0.000015	0.000002	2.05E-10
Cheese Whey	lbs	0.0025	0.031	0.000062	0.000033	0.000002	NP
Emulsified vegetable oil	lbs	0.0077	3.44	0.0066	0.0019	0.000033	NP
Granular activated carbon, primary	lbs	0.0356	4.82	0.0793	0.128	0.000987	0.000657
Granular activated carbon, regenerated	lbs	0.00873	1.7	0.00733	0.0129	0.000886	0.000671
Hydrogen Peroxide, 50% in H2O	lbs	0.00979	1.19	0.00142	0.0024	0.000308	0.0000629
Iron (II) Sulfate	lbs	0.00147	0.167	0.000316	0.000589	0.000103	0.000023
Lime, Hydrated, Packed	lbs	0.00206	0.762	0.000513	0.000358	0.00013	0.00000657
Molasses	lbs	0.0044	0.48	0.0011	0.00024	0.0000041	NP
Phosphoric Acid, 70% in H2O	lbs	0.0067	0.882	0.00282	0.0294	0.00171	0.000163
Potassium Permanganate	lbs	0.00981	1.16	0.00234	0.0032	0.000422	0.000122
Sodium Hydroxide, 50% in H2O	lbs	0.00977	1.09	0.00194	0.00352	0.000403	0.000129
Other Treatment Chemicals & Materials	lbs	0.015	1.67	0.003	0.0065	0.00061	0.000016

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Waste Emissions

							Lookup ID 3	4	5	6	7	8	
Material	**SEFA Lookup**	**Quantity**	**Unit**	**Conversion**	**Quantity**	**Unit**	**Energy Usage (MMBtu)**	**GHG (lb CO2e)**	**NOx (lb)**	**SOx (lb)**	**PM (lb)**	**HAPs (lb)**	
Non-hazardous Soil Disposal	Off-site non-hazardous waste landfill	18,600	ton	1	18,600	ton	2,976	465,000	2,604	1,395	7,440	26	
Groundwater Disposal	Off-site non-hazardous waste landfill	14,256	ton	1	14,256	ton	2,281	356,400	1,996	1,069	5,702	20	
						Total	5,257	821,400	4,600	2,464	13,142	46	lb
								410.700	2.300	1.232	6.571	0.023	ton
								372,581					kg
								373					MT

SEFA Tool Waste Table

		Lookup ID 3	4	5	6	7	8
Waste Treatment	**Unit**	**Energy Usage (MMBtu/unit)**	**GHG (lb CO2e/unit)**	**NOx (lb/unit)**	**SOx (lb/unit)**	**PM (lb/unit)**	**HAPs (lb/unit)**
Hazardous waste incineration	lb	0.00609	2.43	0.0016	0.00167	0.000209	0.000087
Off-site waste water treatment (POTW)	gal x 1000	0.015	4.4	0.016	0.015		
Off-site non-hazardous waste landfill	ton	0.16	25	0.14	0.075	0.4	0.0014
Off-site hazardous waste landfill	ton	0.18	27.5	0.154	0.0825	0.44	0.00154
Off-site Laboratory Analysis - Other	sample	0.058071029	6.85343842	0.131401957	0.303875767	0.045569824	0.033016529
Off-site Laboratory Analysis - Metals	sample	0.212	27.4693	0.6423	1.5072	0.2264	0.1643
Off-site Laboratory Analysis - Mercury	sample	0.073171472	9.325458	0.2127439	0.4982396	0.07473594	0.05423316
Off-site Laboratory Analysis - Inorganic Anions	sample	0.007402451	0.6459478	0.006768122	0.014792866	0.002202395	0.001554243
Off-site Laboratory Analysis - Alkalinity	sample	0.017439833	1.3381922	0.007010628	0.013249646	0.001940048	0.001283077
Off-site Laboratory Analysis - Perchlorate	sample	0.023884988	1.8717054	0.007980652	0.014153532	0.002054687	0.001287486
Off-site Laboratory Analysis - Nitrogen/Nitrate	sample	0.033647504	4.29897	0.09545918	0.2226646	0.03350992	0.0242506
Off-site Laboratory Analysis - Sulfate	sample	0.014122473	1.4726728	0.007980652	0.013602382	0.001979731	0.001201507
Off-site Laboratory Analysis - PCBs	sample	0.0512769	5.224902	0.08333388	0.19047744	0.02843934	0.021208252
Off-site Laboratory Analysis - VOCs	sample	0.076204487	9.016814	0.10449804	0.2270738	0.03395084	0.02358922
Off-site Laboratory Analysis - SVOCs	sample	0.071560184	7.870422	0.14594452	0.3373038	0.05048534	0.03725774

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Grid Electricity Emissions

					2026												2027												
Site	**Start Date**	**End Date**	**Eletrical Equipment**	**Daily Energy Demand (kWh/day)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	1/2/2026	6/30/2026	Mobile Office	50	1,050	1,000	1,150	1,150	1,100																				
					1,050	**1,000**	**1,150**	**1,150**	**1,100**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Demand
5,450 kWh
19 MMBtu

					2026												2027												
Site	**Start Date**	**End Date**	**Eletrical Equipment**	**Grid Baseload Emissions (g/kWh)**	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28
350 Grand Concourse																													
	1/2/2026	6/30/2026	Mobile Office	276.1942085	290,004	276,194	317,623	317,623	303,814																				
					290,004	**276,194**	**317,623**	**317,623**	**303,814**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					290	276	318	318	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					0.3	0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Emissions
1,505,258 g
1,505 kg
2 MT

350 Grand Concourse - Track 2
Environmental Footprint Analysis
Emission Factors

BSFC Emission Factors (g/hp-hr)

ID	Equipment	Engine	SCC Code	HPmin	HPmax	HP	Equipment	Load	2026
	Dsl - Excavators	Diesel	2270002036	175	300	173-250	Excavator	59%	168.3
	Dsl - Tractors/Loaders/Backhoes	Diesel	2270002066	76	100	100	Backhoe	21%	218.2
	Dsl - Generator Sets	Diesel	2270006005	26	40	30	Generator	43%	185.1
	Dsl - Bore/Drill Rigs	Diesel	2270002033	301	600	450	Pile driver	43%	166.5
	Dsl - Crawler Tractor/Dozers	Diesel	2270002069	301	600	310	Dozer	59%	168.3
	Dsl - Other Construction Equipment	Diesel	2270002081	301	600	400	Concrete pump	59%	168.3
	Dsl - Rubber Tire Loaders	Diesel	2270002060	176	300	200	Wheeled front end loader	59%	168.3
	Dsl - Cranes	Diesel	2270002045	176	300	300	100 ton crawler crane	43%	166.5

*for excavator in 2006 Hpmax 300 used

Fuel Properties

Densities	kg/L	g/gal	lb/gal
Diesel	0.84	3,179.75	7.01
Gasoline	0.74	2,801.21	6.18
LPG	0.54	2,044.12	4.51

BSFC Emission Factors (gal/hp-hr)

ID	Equipment	Engine	SCC Code	HPmin	HPmax	HP	Equipment	Load	2026
	Dsl - Excavators	Diesel	2270002036	175	300	173-250	Excavator	59%	0.0529
	Dsl - Tractors/Loaders/Backhoes	Diesel	2270002066	76	100	100	Backhoe	21%	0.0686
	Dsl - Generator Sets	Diesel	2270006005	26	40	30	Generator	43%	0.0582
	Dsl - Bore/Drill Rigs	Diesel	2270002033	301	600	450	Pile driver	43%	0.0524
	Dsl - Crawler Tractor/Dozers	Diesel	2270002069	301	600	310	Dozer	59%	0.0529
	Dsl - Other Construction Equipment	Diesel	2270002081	301	600	400	Concrete pump	59%	0.0529
	Dsl - Rubber Tire Loaders	Diesel	2270002060	176	300	200	Wheeled front end loader	59%	0.0529
	Dsl - Cranes	Diesel	2270002045	176	300	300	100 ton crawler crane	43%	0.0524

EPA Fuel Emission Factors

Diesel

GWP-100	GWP-20	kg/gal	GHG	GWP-20 Equivalent Emissions		GWP-100 Equivalent Emissions		SEFA Default	
1	1	10.21	CO2	10.27	kg CO2e/gal	10.24268	kg CO2e/gal	10.20582833	kg CO2e/gal
28	84	0.00041	CH4	22.63168431	lb CO2e/gal	22.58124254	lb CO2e/gal	22.5	lb CO2e/gal
265	264	0.00008	N2O						

https://www.epa.gov/system/files/documents/2025-01/ghg-emission-factors-hub-2025.pdf

GWP-20 Equivalent Emissions with Upstream	
13.607092	kg CO2e/gal
29.99850086	lb CO2e/gal

Gasoline

GWP-100	GWP-20	kg/gal	GHG	GWP-20 Equivalent Emissions		GWP-100 Equivalent Emissions		SEFA Default	
1	1	8.78	CO2	8.83	kg CO2e/gal	8.81184	kg CO2e/gal	8.890410452	kg CO2e/gal
28	84	0.00038	CH4	19.47351852	lb CO2e/gal	19.42678052	lb CO2e/gal	19.6	lb CO2e/gal
265	264	0.00008	N2O						

ghg-emission-factors-hub-2025.pdf

MOVES TRUCKS FACTORS	PM2.5	PM10	CO	NOx	VOC	CO2e	SO2	
2024 - Truck Idling (g/hr)	6.71	7.30	25.14	96.40	11.5036	7746.96	0.0486427	
2024 - Truck Cruising - 5mph (g/veh)	0.24	0.26	1.49	4.36	0.327756	438.16	0.00275184	
2024 - Truck Cruising - 25mph (g/mi)	1.13	1.23	5.24	19.66	0.803909	2129.08	0.0133769	
2024 - Auto Cruising - 25mph (g/mi)	0.01	0.01	2.17	0.24	0.0458798	305.848	0.00525061	

Truck Mileage

10205.8283	g/gal
2129.08	g/mi
4.79353915	mpg
0.20861413	gal per mi
0.02878875	MMBtu/mi

Car Mileage

8890.41	g/gal
305.848	g/mi
29.06807	mpg
0.034402	gal per mi
0.0043	MMBtu/mi

Distance Traveled On-site: approximately 0.1 mile per truck

0.1 mile per truck

HHV

Diesel	0.138	mmBtu per gallon
Gasoline	0.125	mmBtu per gallon

NYSDEC Upstream Emission Factor

Table A1. 2021 Emission Rates for Upstream Out-of-State Sources (g/mmbtu)

	Diesel Fuel	
CH4	117.000	g/MMBtu
N2O	0.250	g/MMBtu
CO2	13,634	g/MMBtu
CO2e	24,214	g/MMBtu

	Diesel Fuel	
CH4	16.146	g/gal
N2O	0.035	g/gal
CO2	1,881	g/gal
CO2e	3,342	g/gal

NYSDEC, *Appendix A of the 2024 Statewide GHG Emission Report. December 2024*

eGRID Baseload Electricity Factor

Data Year	eGRID subregion acronym	eGRID subregion name	Unit	eGRID subregion annual CO2 total output emission rate	eGRID subregion annual CH4 total output emission rate	eGRID subregion annual N2O total output emission rate	eGRID subregion annual CO2 equivalent total output emission rate (GWP-100)	eGRID subregion annual CO2 equivalent total output emission rate (GWP-20)
2022	NYCW	NPCC NYC/Westchester	lb/MWh	602.088	0.056	0.008	605.872	608.904
			g/kWh	273.103	0.025	0.004	274.819	**276.194**

APPENDIX H
CLIMATE VULNERABILITY ASSESSMENT

DRAFT

akrf

440 Park Avenue South, 7th Floor
New York, NY 10016
tel: 212.696.0670
www.akrf.com

Mr. Javier Perez-Maldonado
NYSDEC
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY, 12233-7016

08.28.2025

Re: Climate Vulnerability Analysis
350 Grand Concourse, Bronx, NY
NYSDEC BCP Site No. C203153

Dear Mr. Perez-Maldonado:

This Climate Vulnerability Analysis (CVA) has been prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Client") for the Site [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203153] located at the above-referenced location, also identified as New York City Tax Block 2341, Lot 42 (the "Site"). As further detailed in the November 2023 NYSDEC Memorandum, DER-31: Green and Sustainable Remediation Initiative, beginning January 1, 2024, all remedial work plans and reports submitted to NYSDEC pursuant to a remedial program under Part 375 are required to address green and sustainable remediation (GSR) in accordance with DER-31. The EFA was incorporated into the NYSDEC Decision Document as a requirement for selection between the two remedial alternatives — Track 1 and Track 2.

This CVA focuses on the risks associated with the construction and operation of the primary components of each of the two remedial alternatives: excavation and disposal of contaminated soil, installation of a vapor barrier, import of approved materials for backfill, and treatment of groundwater, and dewatering before disposal to the nearby sewer.

POLICY CONTEXT

The New York State Sea Level Rise Task Force was created to assess potential impacts on the state's coastlines from rising seas and increased storm surge. The Task Force prepared a report of its findings and recommendations including protective and adaptive measures.[1] The recommendations are to: provide more protective standards for coastal development, wetlands protection, shoreline armoring, and post-storm recovery; implement adaptive measures for habitats; integrate climate change adaptation strategies into state environmental plans; and amend local and state regulations or statutes to respond to climate change. The Task Force also recommended the formal adoption of projections of sea-level rise.

The New York State Climate Action Plan Interim Report identified a number of policy options and actions that could increase the climate change resilience of natural systems, the built environment, and key economic sectors—focusing on agriculture, vulnerable coastal zones, ecosystems, water resources, energy infrastructure, public health, telecommunications and information infrastructure, and transportation.[2] New York State's Community Risk and Resiliency Act (CRRA)[3] requires that applicants for certain State programs demonstrate that they have taken into account future physical climate risks from storm surges, sea-level rise and flooding, and required the NYSDEC to establish official State sea-level rise projections.

[1] New York State Sea Level Rise Task Force. *Report to the Legislature*. December 2010.

[2] NYSERDA. New York State Climate Action Plan Interim Report. November 2010.

[3] *Community Risk and Resiliency Act.* Chapter 355, NY Laws of 2014. April 9, 2013. Signed September 22, 2014.

In February 2017, DEC adopted a rule (6 NYCRR Part 490) defining the existing projections for use. These projections provide the basis for State adaptation decisions and are available for use by all decision makers. CRRA applies to specific State permitting, funding and regulatory decisions, including: smart growth assessments; funding for wastewater treatment plants; siting of hazardous waste facilities; design and construction of petroleum and chemical bulk storage facilities; oil and gas drilling; and State acquisition of open space. As required under the CRRA, DEC published implementation guidance and reference to climate change projections specific to New York State in August 2021.

In New York City, the Climate Change Adaptation Task Force is tasked with fostering collaboration and cooperation between public and private organizations working to build the resilience of the city's critical infrastructure against rising seas, higher temperatures, and changing precipitation patterns. The Task Force is composed of over 57 New York City and State agencies, public authorities, and companies that operate, regulate, or maintain critical infrastructure in New York City. Led by the Mayor's Office of Climate and Environmental Justice, the Task Force works together to assess risks, prioritize strategies, and examine how standards and regulations may need to be adjusted in response to a changing climate.

To assist the Task Force, the New York City Panel on Climate Change (NPCC) has prepared a set of climate change projections for the New York City region[4], which was subsequently updated,[5,6] and has suggested approaches to create an effective adaptation program for critical infrastructure. The NPCC includes leading climatologists, sea-level rise specialists, adaptation experts, and engineers, as well as representatives from the insurance and legal sectors. The climate change projections include a summary of baseline and projected climate conditions throughout the 21st century including heat waves and cold events, intense precipitation and droughts, sea-level rise, and coastal storm levels and frequency.

Temperature & Urban Heat Island

The probability that New York City would experience an increase in air temperatures and relative humidity (characterized as the heat index of a given location) is considered by NPCC to be "very likely." NPCC projected that temperatures are likely to increase by up to 7.1 degrees Fahrenheit by the 2050s and that New York City would experience up to 9 heat waves per year with an average duration up to 6 days. By the end of the century, temperatures are likely to increase by up to 13.5 degrees Fahrenheit with up to 10 heat waves per year with an average duration of 10 days.

Precipitation

NPCC projected that precipitation levels are likely to increase by up to 13 percent compared to the 1971–2000 base period by the 2050s and up to 25 percent by the end of the century with up to 5 rainfall events projected to result in 2 inches or more of precipitation.

Sea Level Rise

NPCC has projected that sea levels are likely to increase by up to 23 inches by the 2050s and up to 65 inches by the end of the century (more detailed ranges and timescales are available). In general, the probability of increased sea levels is characterized by NPCC as "extremely likely," but there is uncertainty regarding the probability the various levels projected and timescale. Intense hurricanes are characterized by NPCC as "more likely than not" to increase in intensity and/or frequency, and the likelihood of changes in other large storms ("Nor'easters") are characterized by NPCC as unknown. Therefore, the projections for

---

[4] New York City Panel on Climate Change. *Climate Change Adaptation in New York City: Building a Risk Management Response*. Annals of the New York Academy of Sciences, May 2010.

[5] Braneon, C., Ortiz, L., Bader, D., Devineni, N., Orton, P., Rosenzweig, B., McPhearson, T., Smalls-Mantey, L., Gornitz, V., Mayo, T., Kadam, S., Sheerazi, H., Glenn, E., Yoon, L., Derras-Chouk, A., Towers, J., Leichenko, R., Balk, D., Marcotullio, P., & Horton, R. (2024). *NYC climate risk information 2022: Observations and projections*. Interim Report for Public Release https://climateassessment.nyc

[6] Balk, D., Braneon, C., Leichenko, R., Moss, R., Towers, J. (2024). *Climate Risk and Equity: Advancing Knowledge Toward a Sustainable Future: Introduction*. New York City Panel on Climate Change. https://climateassessment.nyc

future 1-in-100 coastal storm surge levels for New York City include only sea-level rise at this time, and do not account for changes in storm frequency.

CLIMATE RISKS

Temperature & Urban Heat Island

Existing Conditions

The Site is identified as being vulnerable to extreme heat by the New York City Department of Health (DOH), with a Heat Vulnerability Index (HVI) of 5 out of 5—the highest level of risk.[7] The proposed redevelopment plan is still being finalized and is subject to change, but will likely include a 14-story mixed-use commercial (grocery store) and residential building with Site-wide excavation to approximately 15 to 25 feet below ground surface (bgs); however, bedrock may limit the excavation depth in some areas of the Site. The Site is bounded by a three-story residential building and a five-story apartment building to the north, a nine-story hotel, followed by various automotive repair shops to the south, vacant vegetated area, followed by Metro North Railroad tracks to the east, and Grand Concourse, followed by a U-Haul Storage and Moving facility to the west (with subway beneath Grand Concourse). The surrounding area is developed primarily with automotive, commercial, transit, and residential uses. The underground NYC Transit subway tracks for the 4- and 5-Trains run beneath Grand Concourse, located west-adjacent to the Site.

Franz Sigel Park is located within half a mile north of the Site. Several other greenspaces, primarily in the form of playgrounds are located within walking distance from the Site. Other natural resources are easily accessible from the Site via public transportation, including Randall's Island.

Future Conditions

According to projections for increases in annual mean temperatures, the Site is anticipated to experience increased temperatures between 4.2 degrees Fahrenheit and 13.5 degrees Fahrenheit by the end of the century.[8, 9] Additionally, by the 2080s NPCC projects that the number of days with temperatures above 90 degrees Fahrenheit would increase by 91 days (or 69 days above 95 degrees Fahrenheit). By the end of the century, NPCC projects that New York City would likely experience up to 10 heat waves per year with an average duration of 10 days.

Climate Vulnerability of the Selected Remedy

The remedy would not be affected by the projected increase in temperature or urban heat island effect. Therefore, no further assessment of heat impacts is warranted.

Precipitation

Existing Conditions

Precipitation in New York City was observed to have increased by a rate of 0.76 inch per decade with an average storm rainfall intensity of approximately 2 inches in one hour and a 10 percent chance of occurrence per year. New York City Department of Environmental Protection (NYCDEP) has identified that

---

[7] NYCDOH. *Interactive Heat Vulnerability Index*. https://a816-dohbesp.nyc.gov/IndicatorPublic/beta/key-topics/climatehealth/hvi/

[8] NYSERDA. Climate Change in New York State. Updating the 2011 ClimAID Climate Risk Information Supplement to NYSERDA Report 11-18 (Responding to Climate Change in New York State). September 2014.

[9] Braneon, C., Ortiz, L., Bader, D., Devineni, N., Orton, P., Rosenzweig, B., McPhearson, T., Smalls-Mantey, L., Gornitz, V., Mayo, T., Kadam, S., Sheerazi, H., Glenn, E., Yoon, L., Derras-Chouk, A., Towers, J., Leichenko, R., Balk, D., Marcotullio, P., & Horton, R. (2024). *NYC climate risk information 2022: Observations and projections*. Interim Report for Public Release https://climateassessment.nyc

the Site does not experience nuisance flooding (with flood levels greater than 4 inches) or deep and continuous flooding (with flood levels greater than 1 foot).

Future Conditions

Annual precipitation levels are anticipated to increase in New York City up to 14 percent (approximately 56.7 inches per year) by the 2050s and up to 30 percent (approximately 64.6 inches per year) by the end of the century.[10]

Climate Vulnerability of the Selected and Implemented Remedy

As described in the draft Remedial Action Work Plan (RAWP), erosion and sedimentation control measures will be implemented for the selected remedy during construction activities at the Site. The RAWP includes requirements regarding stormwater management, erosion and sediment control, and construction practices to minimize stormwater contamination. Since remediation will be completed in approximately 6 months for Track 1 or 2, these measures are resilient to the current rainfall levels of approximately 2 inches in one hour.

Following completion, the remedy is not likely to be affected by increased future projected precipitation levels. Therefore, no further assessment of stormwater flooding impacts is warranted.

Sea Level Rise

Existing Conditions

According to current flood hazard projections,[11] the Site is not within the current 1-in-100 coastal storm surge levels. The nearest 1-in-100 flood zone (with flood elevations of 32 feet NAVD88) is located east of the Site in the adjacent block. The Site is within the current 1-in-500 coastal storm surge levels.

Note that these flood areas and elevations are likely conservatively high and may be revised in the future. On October 17, 2016, the Federal Emergency Management Agency (FEMA) and New York City Mayor de Blasio announced plans to revise the FEMA flood maps based on a 2015 New York City appeal of FEMA's flood risk calculations for New York City and the region. Therefore, it is possible that the revised FEMA current flood elevations would be lower, and the resulting future flood elevations, including sea-level rise, may also be lower than those presented here.

Future Conditions

According to NPCC data (under the NPCC high-end estimate), by the 2050s, the 1-in-100 flood levels could reach 23 inches higher due to sea-level rise. By the end of the century, the 1-in-100 flood levels could reach 65 inches higher.

Climate Vulnerability of the Selected Remedy

The completed remedy would not be affected by projected increases in sea level rise. Therefore, no further assessment of coastal flooding impacts is warranted.

CONCLUSIONS

Based on the review of potential flooding (from both sea level rise and increased precipitation) and heat impacts, the selected remedy is resilient to existing and future climate risks.

If you have any questions or require additional information, please contact me at (646) 388-9846 or Kenneth Wiles at (646) 388-9528.

---

[10] As noted by the NPCC, the greatest increases in precipitation are projected to occur during the winter months with smaller increased generally projected for the summer and fall seasons. However, NPCC projects that some reductions in mean precipitation is anticipated under the low-end scenario by 2100, with the greatest decreases projected for the summer and fall seasons.

[11] FEMA. *Preliminary Flood Insurance Rate Map*. Panel 3604970236G. Release Date: 12/05/2013.

Sincerely,
AKRF, Inc.

Kevin Edwards
Senior Technical Director

APPENDIX I
CITIZEN PARTICIPATION PLAN

DRAFT

NEW YORK STATE | Department of Environmental Conservation

Brownfield Cleanup Program

Citizen Participation Plan
for
350 Rising

June 2022

C203153
350 Grand Concourse
Bronx, NY 10451

TABLE OF CONTENTS

Section **Page Number**

1. What is New York's Brownfield Cleanup Program? 3

2. Citizen Participation Activities 3

3. Major Issues of Public Concern 8

4. Site Information 9

5. Investigation and Cleanup Process 10

Appendix A - Project Contacts and Locations of Reports and Information A-1

Appendix B - Site Contact List B-1

Appendix C - Site Location Map C-1

Appendix D - Brownfield Cleanup Program Process D-1

* * * * *

Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site's investigation and cleanup process.

Applicant: **350 Rising LLC ("Applicant")**
Site Name: **350 Rising ("Site")**
Site Address: **350 Grand Concourse, Bronx, New York**
Site County: **Bronx**
Site Number: **C203153**

1. What is New York's Brownfield Cleanup Program?

New York's Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and developed. These uses include recreation, housing, and business.

A *brownfield* is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal, and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC) which oversees Applicants who conduct brownfield site investigation and cleanup activities. An Applicant is a person who has requested to participate in the BCP and has been accepted by NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at: http://www.dec.ny.gov/chemical/8450.html .

2. Citizen Participation Activities

Why NYSDEC Involves the Public and Why It Is Important

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well-being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision-makers form or adopt final positions.

Involving citizens affected and interested in site investigation and cleanup programs is important for many reasons. These include:

- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment

- Improving public access to, and understanding of, issues and information related to a particular site and that site's investigation and cleanup process

- Providing citizens with early and continuing opportunities to participate in NYSDEC's site investigation and cleanup process

- Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community

- Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision-making.

This Citizen Participation Plan (CPP) provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

Project Contacts

Appendix A identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CPP and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the site's investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC web-site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

Site Contact List

Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.
The site contact list includes, at a minimum:

- Chief executive officer and planning board chairperson of each county, city, town and village in which the site is located;
- Residents, owners, and occupants of the site and properties adjacent to the site;
- The public water supplier which services the area in which the site is located;
- Any person who has requested to be placed on the site contact list;
- The administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- Location(s) of reports and information.

The Site location is shown in Appendix C.

The Site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the Site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

Note: The first Site fact sheet (usually related to the draft Remedial Investigation Work Plan) is distributed both by paper mailing through the postal service and through DEC Delivers, its email listserv service. The fact sheet includes instructions for signing up with the appropriate county listserv to receive future notifications about the site. See http://www.dec.ny.gov/chemical/61092.html .

Subsequent fact sheets about the site will be distributed exclusively through the listserv, except for households without internet access that have indicated the need to continue to receive site information in paper form. Please advise the NYSDEC site project manager identified in Appendix A if that is the case. Paper mailings may continue during the investigation and cleanup process for some sites, based on public interest and need.

CP Activities

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site's investigation and cleanup program. The flowchart in Appendix D shows how these CP activities integrate with the site investigation and cleanup process. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.

- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments, or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the site contact list and changes in planned citizen participation activities.

Technical Assistance Grant

NYSDEC must determine if the Site poses a significant threat to public health or the environment. This determination generally is made using information developed during the investigation of the Site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened release of contamination at the Site.

As of the date the declaration (page 2) was signed by the NYSDEC project manager, the significant threat determination for the site had not yet been made.

To verify the significant threat status of the Site, the interested public may contact the NYSDEC project manager identified in Appendix A.

For more information about TAGs, go online at http://www.dec.ny.gov/regulations/2590.html

Note: The table identifying the citizen participation activities related to the Site's investigation and cleanup program follows on the next page:

Citizen Participation Activities	Timing of CP Activity(ies)
Application Process:	
• Prepare site contact list • Establish document repository(ies)	At time of preparation of application to participate in the BCP.
• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day public comment period • Publish above ENB content in local newspaper • Mail above ENB content to site contact list • Conduct 30-day public comment period	When NYSDEC determines that BCP application is complete. The 30-day public comment period begins on date of publication of notice in ENB. End date of public comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice, and notice to the site contact list should be provided to the public at the same time.
After Execution of Brownfield Site Cleanup Agreement (BCA):	
• Prepare Citizen Participation (CP) Plan	Before start of Remedial Investigation **Note:** Applicant must submit CP Plan to NYSDEC for review and approval within 20 days of the effective date of the BCA.
Before NYSDEC Approves Remedial Investigation (RI) Work Plan:	
• Distribute fact sheet to site contact list about proposed RI activities and announcing 30-day public comment period about draft RI Work Plan • Conduct 30-day public comment period	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, public comment periods will be combined and public notice will include fact sheet. Thirty-day public comment period begins/ends as per dates identified in fact sheet.
After Applicant Completes Remedial Investigation:	
• Distribute fact sheet to site contact list that describes RI results	Before NYSDEC approves RI Report
Before NYSDEC Approves Remedial Work Plan (RWP):	
• Distribute fact sheet to site contact list about draft RWP and announcing 45-day public comment period • Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager) • Conduct 45-day public comment period	Before NYSDEC approves RWP. Forty-five day public comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day public comment period.
Before Applicant Starts Cleanup Action:	
• Distribute fact sheet to site contact list that describes upcoming cleanup action	Before the start of cleanup action.
After Applicant Completes Cleanup Action:	
• Distribute fact sheet to site contact list that announces that cleanup action has been completed and that NYSDEC is reviewing the Final Engineering Report • Distribute fact sheet to site contact list announcing NYSDEC approval of Final Engineering Report and issuance of Certificate of Completion (COC)	At the time the cleanup action has been completed. **Note:** The two fact sheets are combined when possible if there is not a delay in issuing the COC.

3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the Site. Additional major issues of public concern may be identified during the course of the Site's investigation and cleanup process.

Redevelopment Project-Related Issues

The Applicant submitted a BCP Application to NYSDEC in January 2022 and the application was deemed complete by NYSDEC in April 2022. The BCP Application was available for public comment between March 7 and April 8, 2022. A Brownfield Cleanup Agreement (BCA) between the NYSDEC and the Volunteer was executed on May 4, 2022.

Under the BCP, the Site will be redeveloped for institutional use. Remediation of the Site will be based on the proposed development plans and will be implemented during the redevelopment process.

The proposed redevelopment project includes demolition of the existing structures and construction of a 12-story charter school.

The Site is located in an Environmental Justice Area. Environmental justice is defined as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Environmental justice efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities.

Since the Site is located in an Environmental Justice Area and a majority of the population in the surrounding area is of Hispanic or Latino origin, all future fact sheets will be translated into Spanish. There is also a large African-American population in the Site area.

For additional information, visit: https://statisticalatlas.com/tract/New-York/Bronx-County/005100/Overview

Furthermore, there may be issues with regards to noise, traffic, or odor concerning the site.

Potential Remediation/Construction-Related Issues

Issues of concern to the community during the on-site remediation phase will likely include those related to the removal of underground storage tanks (USTs) and the on-site handling and off-site disposal of contaminated soil. The likely concern to the surrounding community will be the possibility of the generation of vapors or dust from the Site during remediation. On-site air quality and dust levels will be monitored during any soil excavation and removal activity in accordance with a Site-specific Health and Safety Plan (HASP) that will be included as part of the Remedial Action Work Plan (RAWP). Dust suppression techniques will be employed to prevent the generation of dust. All air and dust monitoring will be performed in accordance with NYSDOH's Community Air Monitoring Program (CAMP).

A likely additional remediation/construction concern will be the potential presence of trucks traveling through the community, and parking or idling at or near the Site during UST removal and soil excavation and disposal. The RAWP will include provisions for on-Site soil handling techniques that minimize the number of trucks and duration of time within or near the Site. In addition, provisions will be included to

restrict truck traffic (to the extent possible) to designated routes along main roads while minimizing traffic within the community.

The concern over construction-related noise is a common one for communities in which redevelopment is occurring. Construction plans will minimize noise to the extent possible and the operation of heavy equipment will be restricted to normal working hours as will be set forth in the required NY City-issued permits.

4. Site Information

Appendix C contains a map identifying the location of the Site.

Site Description

Currently, the Site is a 31,045-square-foot (sf) concrete-paved vacant gasoline service station with a boarded up 1-story convenience store, a former sales kiosk, and canopy covered (disconnected) gasoline pump dispenser area. The exterior surface of the Site is asphalt and concrete paved.

The Site is bounded to the north by a three-story residential building and a five-story apartment building, followed by East 144th Street; to the east by a wooded vacant lot, followed by Metro North Railroad tracks; to the south by an under construction multi-story hotel, followed by various automotive repair shops; and to the west by Grand Concourse, followed by a U-Haul Storage and Moving facility. The surrounding area consists primarily of automotive, commercial, transit, and residential uses.

History of Site Use, Investigation, and Cleanup

Historical records indicated that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908 to 1935, the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline USTs between 1944 and 2021. The Applicant has owned the Site since November 2021.

The Site is identified as BCP Site No. C203153. AKRF, Inc. (AKRF) conducted a Phase II Environmental Site Assessment (ESA) at the Site in October 2021. Findings and results of the investigation were used to support the BCP application and submitted to NYSDEC for review.

The previous investigation documented that soil beneath the Site consists of 7 to 17 feet of historic fill material, comprising silt with varying amounts of sand, brick, and gravel. Presumed weathered bedrock was encountered between approximately 7 to 20 feet below grade. Groundwater was encountered between approximately 12 and 18 feet below grade.

Based on an evaluation of the data and field evidence of contamination, contaminated soil, groundwater, and soil vapor present at the Site are likely attributable to the Site's historical gasoline station/automotive repair operations and/or historic fill material beneath the surface. Soil beneath the Site contains elevated concentrations of petroleum-related volatile organic compounds (VOCs), semi-volatile organic compound (SVOCs), metals, polychlorinated biphenyls (PCBs), pesticides, and per- and polyfluoroalkyl substances (PFAS). Groundwater beneath the Site contains elevated concentrations of petroleum-related VOCs,

SVOCs, metals, and PFAS, and soil vapor beneath the Site contains concentrations of petroleum-related and solvent-related VOCs.

Petroleum-related VOCs detected in soil are likely attributed to former petroleum storage tanks that have open spills under Case Nos. 98-14075 and 01-11974. SVOCs are released naturally from burning combustion products such as coal, oil, gasoline, and wood. These compounds, along with metals, are commonly found in historic fill material found in New York City due to the presence of coal ash and other man-made materials. Solvents are a group of compounds that have been widely used in various industries.

5. Investigation and Cleanup Process

Application

The Applicant has applied for and been accepted into New York's BCP as a Volunteer. This means that the Applicant was not responsible for the disposal or discharge of the contaminants, or whose ownership or operation of the Site took place after the discharge or disposal of contaminants. The Volunteer must fully characterize the nature and extent of contamination on-site, and must conduct a "qualitative exposure assessment," a process that characterizes the actual or potential exposures of people, fish, and wildlife to contaminants on the Site and to contamination that has migrated from the Site.

The Applicant proposes that the Site will be redeveloped into a charter school.

To achieve this goal, the Applicant will conduct an investigation and cleanup activities at the Site with oversight provided by NYSDEC. The BCA executed by NYSDEC and the Applicant sets forth the responsibilities of each party in conducting these activities at the Site.

Investigation

The Applicant has completed a partial site investigation before it entered into the BCP. The Applicant submitted a partial investigation report to support the BCP Application. To meet the investigation goals and requirements of the BCP additional work is needed before a remedy can be selected. The Applicant prepared a Remedial Investigation Work Plan (RIWP), which was submitted along with the BCP Application and is currently being reviewed by NYSDEC.

The site investigation has several goals:

1) Define the nature and extent of contamination in soil, surface water, groundwater and any otherparts of the environment that may be affected;
2) Identify the source(s) of the contamination;
3) Assess the impact of the contamination on public health and the environment; and
4) Provide information to support the development of a proposed remedy to address thecontamination or the determination that cleanup is not necessary.

NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is a "significant threat," it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the Applicant and approved by NYSDEC. If the site does not pose a significant threat, the Applicant may select the remedy from the approved analysis of alternatives.

Interim Remedial Measures

An Interim Remedial Measure (IRM) is an action that can be undertaken at a site when a source of contamination or exposure pathway can be effectively addressed before the site investigation and analysis of alternatives are completed. If an IRM is likely to represent all or a significant part of the final remedy, NYSDEC will require a 30-day public comment period.

Remedy Selection

When the investigation of the Site has been determined to be complete, the project likely would proceed in one of two directions:

1. The Applicant may recommend in its investigation report that no action is necessary at the Site. In this case, NYSDEC would make the investigation report available for public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a "Certificate of Completion" (described below) to the Applicant.

or

2. The Applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Applicant may then develop a cleanup plan, officially called a "Remedial Work Plan". The Remedial Work Plan describes the Applicant's proposed remedy for addressing contamination related to the Site.

When the Applicant submits a draft Remedial Work Plan for approval, NYSDEC would announce the availability of the draft plan for public review during a 45-day public comment period.

Cleanup Action

NYSDEC will consider public comments, and revise the draft cleanup plan if necessary, before approving the proposed remedy. The New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The selected remedy is formalized in the site Decision Document.

The Applicant may then design and perform the cleanup action to address the site contamination. NYSDEC and NYSDOH oversee the activities. When the Applicant completes cleanup activities, it will prepare a final engineering report that certifies that cleanup requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the Site.

Certificate of Completion

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the Site, it will approve the final engineering report. NYSDEC then will issue a Certificate of Completion (COC) to the Applicant. The COC states that cleanup goals have been achieved, and relieves the Applicant from future liability for site-related contamination, subject to certain conditions. The Applicant

would be eligible to redevelop the site after it receives a COC.

Site Management

The purpose of site management is to ensure the safe reuse of the property if contamination will remain in place. Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An *engineering control* is a physical barrier or method to manage contamination. Examples include caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that pumps and treats groundwater. Site management continues until NYSDEC determines that it is no longer needed.

APPENDIX A

PROJECT CONTACTS AND LOCATIONS OF REPORTS AND INFORMATION

Project Contacts

For information about the site's investigation and cleanup program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC):

Steven Walsh
Project Manager
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7016
Phone: (518) 402-9824
Email: steven.walsh@dec.ny.gov

Thomas Panzone
Public Participation Specialist
NYSDEC
1 Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101
Phone: (718) 482-4953
Email: Thomas.Panzone@dec.ny.gov

New York State Department of Health (NYSDOH):

Scarlett McLaughlin
Project Manager
NYSDOH
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
Phone: (518) 402-7874
Email: beei@health.ny.gov

Locations of Reports and Information

The facilities identified below are being used to provide the public with convenient access to important project documents: (Note: Repositories may be temporarily unavailable due to COVID-19 precautions. If you cannot access the online repository, please contact the NYSDEC project manager listed below for assistance):

New York Public Library – Woodstock Library Branch 761 East 160th Street, Bronx, New York 10456 **Attn:** Daisha Topping, Library Manager **Phone:** (718) 665-6255 **Email:** woodstock@nypl.org **Hours:** Monday-Friday: 9 AM-5 PM	Bronx Community Board 1 3024 3rd Avenue, Bronx, New York 10455 **Attn:** Arline Parks, Chairperson Ana Rojas, Community Coordinator Environmental Committee Chairperson **Phone:** (718) 585-7117 **Email:** brxcb1@optonline.net **Hours:** Monday-Friday: 9 AM-5 PM	NYSDEC 625 Broadway Albany, NY 12233-7016 **Attn:** Steven Walsh, Project Manager **Phone:** (518) 402-9824 **Hours:** Monday-Friday, 9 am - 5 pm (call for appointment)

APPENDIX B

SITE CONTACT LIST

1. Local, State, and Federal Officials

Hon. Eric Adams NYC Mayor New York, NY 10007	Hon. Brad Lander New York City Comptroller Office of the Comptroller, City of NY1 Centre Street, Room 517 New York, NY 10007
Hon. Jumaane Williams Office of the Public AdvocatePublic Advocate 1 Centre Street, 15th Floor NorthNew York, NY 10007	Hon. Vanessa Gibson Bronx Borough President 851 Grand Concourse, Suite 301 Bronx, NY 10451
Hon. Amanda Septimo NYS State Assembly District 84 384 East 149th Street, Suite 202 Bronx, NY 10451	Hon. Diana Ayala New York City Council District 8 214 Saint Ann's Avenue Bronx, NY 10454
Daniel Garodnick Commission Chair, NYC Department of City Planning 120 Broadway, 31st Floor New York, NY 10271	Carol Samol - Director NYC Department of City Planning Bronx Borough Office 1775 Grand Concourse, Suite 503 Bronx, NY 10453
Hon. Charles Schumer U.S. Senate 780 Third Avenue, Suite 2301New York, NY 10017	Hon. Kirsten Gillibrand U.S. Senate 780 Third Avenue, Suite 2601 New York, NY 10017
Hon. Richie Torres U.S. House of Representatives 1231 Lafayette Avenue 4th Floor Bronx, NY 10474	Hon. Jose M. Serrano New York State Senator, 29th District 335 E. 100th Street New York, NY 10029
Mark McIntyre, Acting Director/General Counsel Mayor's Office of Environmental Remediation100 Gold Street, 2nd Floor New York, NY 10038	Rohit T. Aggarwala – Public Water Supplier Commissioner, NYC Dept. of Environmental Protection 59-17 Junction Boulevard Flushing, NY 11373
Pinar Balci, Assistant Commissioner Bureau of Environmental Planning and AnalysisNYCDEP 59-17 Junction Boulevard, 11th FloorFlushing, NY 11373	Kevin Rothermel Acting Bronx County Clerk 851 Grand Concourse, Room 118 Bronx, NY 10451

2. Residents, Owners, and Occupants of the Site and Adjacent Properties

The Site, Tax Block 2341, Lot 42 is currently owned by 350 Rising LLC. A list of adjacent properties and owners is provided below:

Block/Lot	Owner	Occupant
2341/55	Grand & Rogers Housing Development Fund Co, Inc. 1325 Southern Boulevard, Suite 2, Bronx, NY 10459 Phone unavailable	Multiple Occupants (apartment building) 388-390 Grand Concourse Bronx, NY 10451 (718) 665-1023
2341/54	Peter Garcia 382 Grand Concourse Bronx, NY 10451 Phone and address unavailable	Multiple Occupants (apartment building) 382 Grand Concourse Bronx, NY 10451 (718) 665-1023
2341/60	168 E 144th St. LLC 15 Broad Street, Suite 1720 New York, NY 10005 Phone unavailable	168 East 144th Street Bronx, NY 10451
2341/1	Metropolitan Transportation Authority 2 Broadway New York, NY 10004 (877) 690-5116	Vacant wooded land
2341/40	346 Grand A LLC 99-06 Metropolitan Avenue, 2nd Floor Forest Hills, NY 11375 Phone unavailable	Hotel 365 Bronx 346 Grand Concourse Bronx, NY 10451 (718) 290-0957
2345/49	Montar Owner LLC c/o Rosenberg & Estes, P.C., 733 Third Avenue New York, NY 10017 Phone unavailable	Flight Line 349 Grand Concourse Bronx, NY 10451
2345/14	Amerco Real Estate Company 2727 North Central Avenue Phoenix, AZ 85004 Phone unavailable	U-Haul Moving & Storage at Grand Concourse 383 Grand Concourse Bronx, NY 10451 (718) 402-4100
2345/18		
2345/22		

3. Local News Media

New York Post 1211 Avenue of the Americas New York, New York 10036	New York Daily News 270C Duffy Avenue Hicksville, New York 11801
Spectrum New York 1 News 75 Ninth Avenue New York, NY 10011	Bronx Times 3602 East Tremont Avenue Bronx, NY 10465
Hoy Nueva York 15 Metrotech Center Floor 7 Brooklyn, NY 11201	El Diario La Prensa 15 Metrotech Center Floor 7 Brooklyn, NY 11201
Inner City Press P.O. Box 20047 Dag Hammarsjold Station New York, NY 10017	News 12 The Bronx 930 Soundview Avenue Bronx, NY 10473

4. Additional Contacts

None

5. Nearby Schools and Daycare Centers

Schools	
Community School for Social Justice 350 Gerard Avenue Bronx, NY 10451 (718) 402-8481 President, Executive Director Principal	Health Opportunities High School 350 Gerard Avenue Bronx, NY 10451 (718) 401-1826 President, Executive Director Principal
Public School 18 John Peter Zenger 502 Morris Avenue Bronx, NY 10451 (718) 292-2868 President, Executive Director Principal	KIPP NYC College Prep High School 201 E. 144th Street Bronx, NY 10451 (212) 991-2626 President, Executive Director Principal
KIPP Elements Primary School 501 Gerard Avenue Bronx, NY 10451 (929) 288-4740 President, Executive Director Principal	Success Academy Charter School Bronx 1 339 Morris Avenue Bronx, NY 10451 (347) 286-7950 President, Executive Director Principal
Daycare Centers	
Hostos Community College Children's Center, Inc. 475 Grand Concourse Bronx, NY 10451 (718) 518-4176 President, Executive Director Principal	Sunshine Learning Center 253 E. 142nd Street Bronx, NY 10451 (718) 679-9083 President, Executive Director Principal
Creciendo Daycare 281 E. 143rd Street, Apartment 12F Bronx, NY 10451 (347) 594-4040 President, Executive Director Principal	Cuddly Bundles Childcare 137 E. 150th Street Bronx, NY 10451 (718) 402-4801 President, Executive Director Principal
NYCHA Patterson Daycare Center 414 Morris Avenue Bronx, NY 10451 https://www1.nyc.gov/assets/nycha/downloads/pdf/Patterson.pdf	Hostos Community College Daisy de Cocco De Fillipis Ph. D. - President 500 Grand Concourse Bronx, NY 10451 https://www.hostos.cuny.edu/mp/Contact-Us
Areté Education, Inc. 557 Grand Concourse 3 #140, Bronx, NY 10451 (917) 985-8980	

6. Community, Civic, Religious, and Other Environmental Organizations

Engine 60/Ladder 17
341 E 143rd Street
Bronx, NY 10457

Consolidated Edison Corporate Affairs
Evelyn Oliver – Director
511 Theodore Fremd Avenue
Rye, NY 10580

40th NYPD Police Precinct
Gabriel De Jesus - President
57 Alexander Avenue
Bronx, NY 10454

Bronx Land Trust
972 Sherman Avenue Suite 2G
Bronx, NY 10456
https://www.bronxlandtrust.org/

NYCHA Senior Center
Patterson Houses
308 EAST 145TH STREET
Bronx, NY 10451
https://www1.nyc.gov/assets/nycha/downloads/pdf/Patterson.pdf

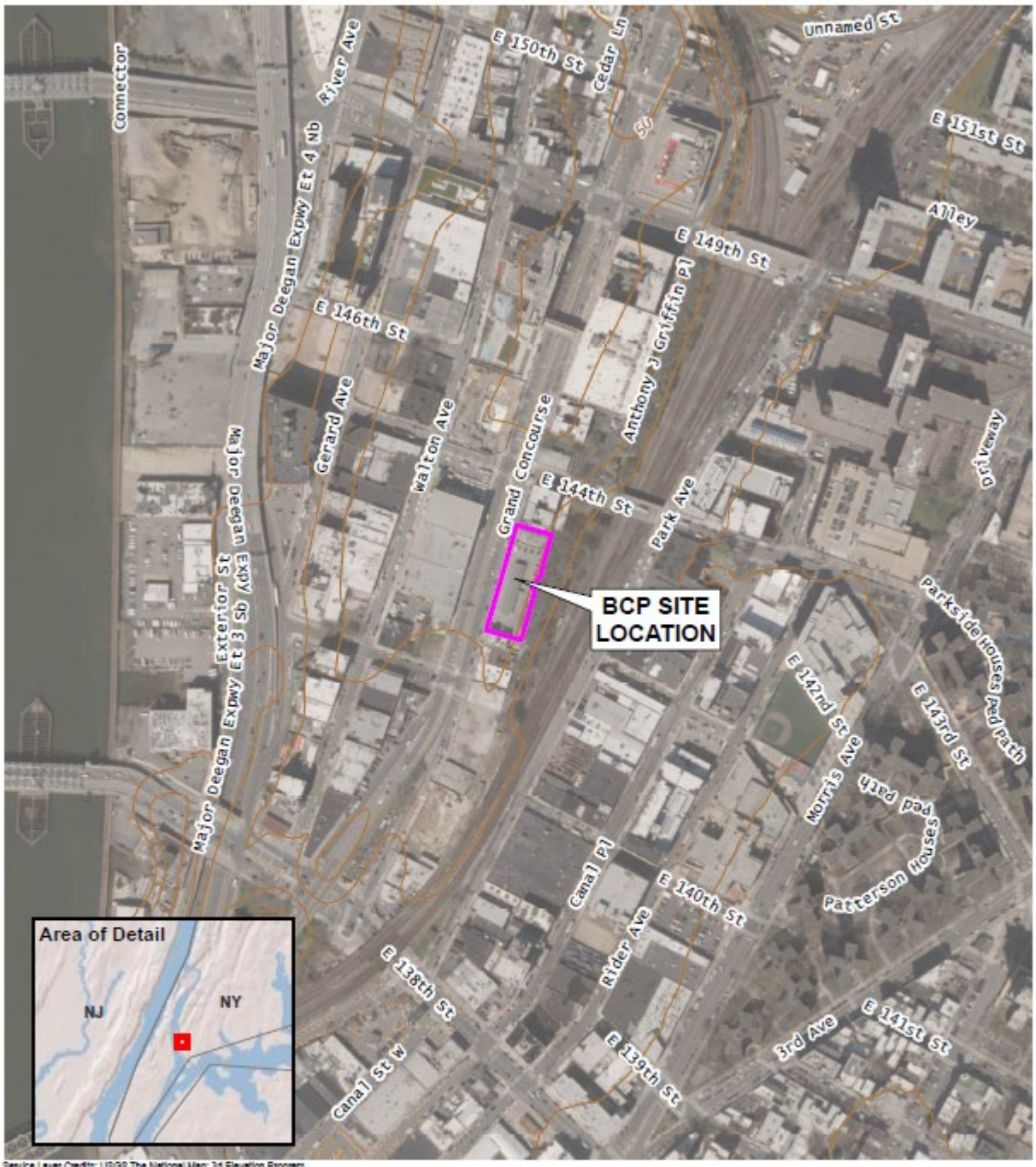
NYCHA Patterson Houses
Management Development Office
301 EAST 143RD STREET
Bronx, NY 10451
https://www1.nyc.gov/assets/nycha/downloads/pdf/Patterson.pdf

We Stay/Nos Quedamos
Jessica Clemente – Executive Director
clemente@nosquedamos.org
754 Melrose Avenue
Bronx, NY 10451
info@nosquedamos.org

South Bronx United
Andrew So – Executive Director
192 East 151st Street, 5th Floor
Bronx, NY 10451
https://southbronxunited.org/contact-us
info@southbronxunited.org

Hope Program
Jennifer Mitchell – Executive Director
1360 Garrison Avenue
Bronx, NY 10474
https://www.thehopeprogram.or

APPENDIX C
SITE LOCATION MAP



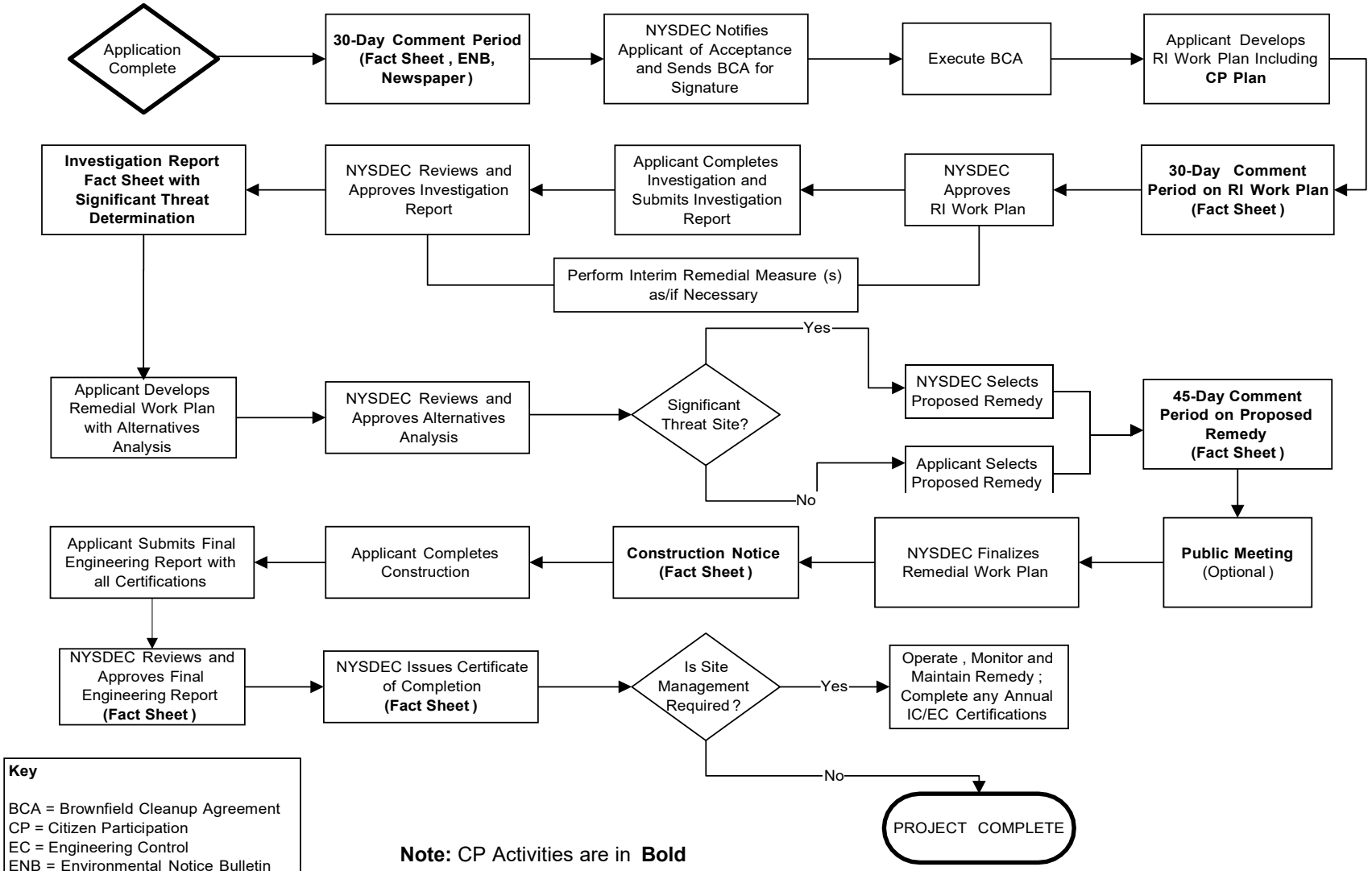
AKRF
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
6/23/2022
PROJECT NO.
210258
FIGURE
1

Appendix D– Brownfield Cleanup Program Process



Key

BCA = Brownfield Cleanup Agreement
CP = Citizen Participation
EC = Engineering Control
ENB = Environmental Notice Bulletin
IC = Institutional Control
RI = Remedial Investigation

Note: CP Activities are in **Bold**

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Division of Environmental Remediation

Remedial Programs
Scoping Sheet for Major Issues of Public Concern

Instructions

This Scoping Sheet assesses major issues of public concern; impacts of the site and its remedial program on the community; community interest in the site; information the public needs; and information needed from the public.

The information generated helps to plan and conduct required citizen participation (CP) activities, and to choose and conduct additional CP activities, if appropriate. The scoping sheet can be revisited and updated as appropriate during the site's remedial process to more effectively implement the site's CP program.

Note: Use the information as an aid to prepare and update the Major Issues of Public Concern section of the site CP Plan.

General Instructions

- When to prepare: During preparation of the CP Plan for the site. It can be revisited and updated anytime during the site remedial process.
- Fill in site name and other information as appropriate.
- The Scoping Sheet may be prepared by DEC or a remedial party, but must be reviewed and approved by the DER site project manager or his/her designee.

Instructions for Numbered Parts

Consider the bulleted issues and questions below and any others that may be unique or appropriate to the site and the community to help complete the five Parts of this Scoping Sheet. Identify the issue stakeholders in Parts 1 through 3 and adjust the site's contact list accordingly.

Part 1. List Major Issues of Public Concern and Information the Community Wants.

- Is our health being impacted? (e.g. Are there problems with our drinking water or air? Are you going to test our water, yards, sumps, basements? Have health studies been done?)
- There are odors in the neighborhood. Do they come from the site and are they hazardous?
- Are there restrictions on what we may do (e.g. Can our children play outside? Can we garden? Must we avoid certain areas? Can we recreate (fish, hunt, hike, etc. on/around the site?)
- How and when were the site's contamination problems created?
- What contaminants are of concern and why? How will you look for contamination and find out where it is going? What is the schedule for doing that?
- The site is affecting our property values!
- How can we get more information (e.g. who are the project contacts?)
- How will we be kept informed and involved during the site remedial process?
- Who has been contacted in the community about site remedial activities?
- What has been done to this point? What happens next and when?
- The site is going to be cleaned up for restricted use. What does that mean? We don't want redevelopment on a "dirty" site.

Part 2. List Important Information Needed From the Community, if Applicable.

- Can the community supplement knowledge about past/current uses of the site?
- Does the community have knowledge that the site may be significantly impacting nearby people, properties, natural resources, etc.?
- Are activities currently taking place at the site or at nearby properties that may need to be restricted?
- Who may be interested or affected by the site that has not yet been identified?
- Are there unique community characteristics that could affect how information is exchanged?
- Does the community and/or individuals have any concerns they want monitored?
- Does the community have information about other sources in the area for the contamination?

Part 3. List Major Issues and Information That Need to be Communicated to the Community.

- Specific site investigation or remediation activities currently underway, or that will begin in the near future.
- The process and general schedule to investigate, remediate and, if applicable, redevelop the site.
- Current understanding about the site contamination and effects, if any, on public health and the environment.
- Site impacts on the community and any restrictions on the public's use of the site and/or nearby properties.
- Planned CP activities, their schedule, and how they relate to the site's remedial process.
- Ways for the community to obtain/provide information (document repositories, contacts, etc.).

Part 4. Community Characteristics

a. - e. Obtain information from local officials, property owners and residents, site reports, site visits, "windshield surveys," other staff, etc.

f. Has the affected community experienced other **significant** present or past environmental problems unrelated to this site? Such experiences could significantly affect public concerns and perspectives about the site; how the community will relate to project staff; the image and credibility of project staff within the community; and the ways in which project staff communicate with the community.

g. In its remedial programs, DER seeks to integrate, and be consistent with, environmental justice principles set forth in *DEC Commissioner Policy 29 on Environmental Justice* and *DER 23 – Citizen Participation Handbook for Remedial Programs*. Is the site and/or affected community wholly or partly in an Environmental Justice (EJ) Area? Use the Search feature on DEC's public web site for "environmental justice". DEC's EJ pages define an EJ area, and link to county maps to help determine if the site and/or community are in an EJ area.

h. Consider factors such as:

- Is English the primary language of the affected community? If not, provisions should be considered regarding public outreach activities such as fact sheets, meetings, door-to-door visits and other activities to ensure their effectiveness.
- The age demographics of the community. For example, is there a significant number of senior citizens in the community? It may be difficult for some to attend public meetings and use document repositories. This may suggest adopting more direct interaction with the community with activities such as door-to-door visits, additional fact sheets, visits to community and church centers, nursing homes, etc.
- How do people travel about the community? Would most people drive to a public meeting or document repository? Is there adequate public transportation?

Part 5. Affected/Interested Public.

Individuals and organizations who need or want information and input can change during the site's remedial process. This need is influenced by real, potential, or perceived impacts of the site or the remedial process. Some people may want information and input throughout the remedial process. Others may participate only during specific remedial stages, or may only be interested in particular issues.

It is important to revisit this question when reviewing this scoping sheet. Knowing who is interested in the site – and the issues that are important to them – will help to select and conduct appropriate outreach activities, and to identify their timing and the information to be exchanged.

Check all affected/interested parties that apply to the site. **Note: Adjust the site's contact list appropriately.** The following are some ways to identify affected/interested parties:

- Tax maps of adjacent property owners
- Attendees at public meetings
- Telephone discussions
- Letters and e-mails to DER, the remedial party, and other agencies
- Political jurisdictions and boundaries
- Media coverage
- Current/proposed uses of site and/or nearby properties (recreational, commercial, industrial)
- Discussions with community organizations: grass roots organizations, local environmental groups, environmental justice groups, churches, and neighborhood advisory groups

Division of Environmental Remediation

Remedial Programs
Scoping Sheet for Major Issues of Public Concern (see instructions)

Site Name: 350 Rising

Site Number: C203153

Site Address and County: 350 Grand Concourse, Bronx, New York

Remedial Party(ies): 350 Rising LLC

Note: For Parts 1. – 3. the individuals, groups, organizations, businesses and units of government identified should be added to the site contact list as appropriate.

Part 1. List major issues of public concern and information the community wants. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and information needs.
- A Phase II Environmental Site Assessment was conducted in October 2021. The findings of the investigation were utilized to support the BCP Application.
- The on-site contamination stems from the Site's historical operations as a gasoline station and automotive repair.
- The proposed Site use includes a charter school. As such, there will be restrictions on Site use, which will be determined following remediation.
- As the Site is entirely capped by an impervious surface, there is no existing potential exposure pathway for direct contact. A Community Air Monitoring Plan (CAMP) would be developed as part of the Remedial Action Work Plan (RAWP) that would be implemented during all subsurface disturbance activities to mitigate potential exposures to particulates and organic vapors.
- For more information about the Site or BCP program, contact the NYSDEC or NYSDOH Project Manager. Contact information is provided in Appendix A.
- Adjacent property occupants and owners will be kept informed about the progress of the Site cleanup activities. Periodic fact sheets will be sent by mail.
- Local, state, and federal officials will be contacted about the Site remediation activities.
- Up to now, a limited soil, groundwater, and soil vapor investigation was conducted at the Site. A Remedial Investigation Work Plan (RIWP) was prepared to further investigate the extent of on-site contamination. The RIWP included provisions for analysis of soil, groundwater, and soil vapor beneath the entire Site. Findings from the Remedial Investigation will be used to prepare a RAWP, which includes the proposed remedy to address Site contamination and protect the health and safety of the public in the surrounding community.

How were these issues and/or information needs identified?
-These issues were identified based on a review of historic records of the Site and the findings of a Phase I/II Environmental Site Assessment (subsurface investigation).
-A description of the proposed project was also presented in the BCP Application.

Part 2. List important information needed **from** the community, if applicable. Identify individuals, groups, organizations, businesses and/or units of government related to the information needed.
- Adjacent property owners and occupants will be informed of the Site remediation activities and can reach out to the Site's NYSDEC or NYSDOH project manager if they are concerned about the impact to the surrounding area.

How were these information needs identified?
- Research was completed to identify the names and contact information of adjacent property owners and

local government officials. These individuals are included in the Site Contact List under Appendix B.

Part 3. List major issues and information that need to be communicated **to** the community. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and/or information.
- A Phase II Environmental Site Assessment was conducted in October 2021. The findings of the investigation were utilized to support the BCP Application. Based on the findings of the investigation, a RIWP was submitted to NYSDEC and NYSDOH for review. The RIWP included provisions for further analysis of on-site soil, groundwater, and soil vapor. The findings will be used to develop a RAWP and selected a cleanup remedy.
- Document repositories, where copies of all documents regarding the investigation and remediation of the Site are available to the public, have been established at: Bronx Community Board District 1, 3030 3rd Avenue, Bronx, NY 10455; the New York Public Library, Woodstock Library Branch, 761 East 160th Street, Bronx, NY 10455; and NYSDEC, 625 Broadway, Albany, NY 12233.

How were these issues and/or information needs identified?
-These needs were identified by summarizing the project timeline and a review of the information included in the BCP Application.
-Any contact information or details pertaining to the Site that have changed since issuance of the BCP Application, have been updated in this CP Plan.

Part 4. Identify the following characteristics of the affected/interested community. This knowledge will help to identify and understand issues and information important to the community, and ways to effectively develop and implement the site citizen participation plan (mark all that apply):

a. Land use/zoning at and around site:
☒ **Residential** ☐ **Agricultural** ☐ **Recreational** ☒ **Commercial** ☐ **Industrial**

b. Residential type around site:
☒ **Urban** ☐ **Suburban** ☐ **Rural**

c. Population density around site:
☒ **High** ☐ **Medium** ☐ **Low**

d. Water supply of nearby residences:
☒ **Public** ☐ **Private Wells** ☐ **Mixed**

e. Is part or all of the water supply of the affected/interested community currently impacted by the site?
☐ **Yes** ☒ **No**

Provide details if appropriate:
Click here to enter text.

f. Other environmental issues significantly impacted/impacting the affected community?
☐ **Yes** ☒ **No**

Provide details if appropriate:
Click here to enter text.

g. Is the site and/or the affected/interested community wholly or partly in an Environmental Justice Area?
☒ **Yes** ☐ **No**

h. Special considerations:
☒ **Language** ☐ **Age** ☐ **Transportation** ☐ **Other**

Explain any marked categories in **h:**
Future Fact Sheets will be translated into Spanish.

Part 5. The site contact list must include, at a minimum, the individuals, groups, and organizations identified in Part 2. of the Citizen Participation Plan under 'Site Contact List'. Are *other* individuals, groups, organizations, and units of government affected by, or interested in, the site, or its remedial program? (Mark and identify all that apply, then adjust the site contact list as appropriate.)

☒ **Non-Adjacent Residents/Property Owners:** Click here to enter text.

☒ **Local Officials:** See list in Appendix B of the Citizen Participation Plan

☒ **Media:** See list in Appendix B of the Citizen Participation Plan

☐ **Business/Commercial Interests:** Click here to enter text.

☐ **Labor Group(s)/Employees:** Click here to enter text.

☐ **Indian Nation:** Click here to enter text.

☒ **Citizens/Community Group(s):** See list in Appendix B of the Citizen Participation Plan

☒ **Environmental Justice Group(s):** See list in Appendix B of the Citizen Participation Plan

☒ **Environmental Group(s):** See list in Appendix B of the Citizen Participation Plan

☒ **Civic Group(s):** See list in Appendix B of the Citizen Participation Plan

☐ **Recreational Group(s):** Click here to enter text.

☐ **Other(s):** Click here to enter text.

Prepared/Updated By: Gregory Baird, AKRF, Inc. **Date:** 5/27/2022

Reviewed/Approved By: Thomas V. Panzone **Date: 6-17-22**

APPENDIX J
HEALTH AND SAFETY PLAN

DRAFT

350 GRAND CONCOURSE

350 GRAND CONCOURSE
BRONX, NEW YORK

Health and Safety Plan

for Remedial Action Work Plan

BCP Site Number: C203153
OER Project Number: 22TMP0701X
E-Designation: E-442

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

On Behalf Of:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

AUGUST 2025

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 HEALTH AND SAFETY GUIDELINES AND PROCEDURES 2
2.1 Hazard Evaluation 2
2.1.1 Hazards of Concern 2
2.1.2 Physical Characteristics 2
2.1.3 Hazardous Materials 2
2.1.4 Chemicals of Concern 2
2.2 Designated Personnel 5
2.3 Training 5
2.4 Medical Surveillance Program 5
2.5 Site Work Zones 5
2.6 Personal Protection Equipment 6
2.7 General Work Practices 6
3.0 EMERGENCY PROCEDURES AND EMERGENCY RESPONSE PLAN 7
3.1 Emergency Contacts 7
4.0 APPROVAL & ACKNOWLEDGMENTS OF HASP 8

IN-TEXT TABLES

Table 1 – Chemicals Of Concern
Table 2 – Site Work Zones
Table 3 – Personal Protection Equipment Requirements
Table 4 – Hospital Directions
Table 5 – Emergency Contacts

FIGURES

Figure 1 – BCP Site Location
Figure 2 – Hospital Location Map

ATTACHMENTS

Attachment A – Potential Health Effects from On-Site Contaminants
Attachment B – Report Forms
Attachment C – Emergency Hand Signals

1.0 INTRODUCTION

This environmental Health and Safety Plan (HASP) was prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Volunteer") for the 350 Grand Concourse site, located at 350 Grand Concourse in the Bronx, New York, hereafter referred to as the "Site". This HASP was developed to be used for implementation of the Remedial Action Work Plan (RAWP) under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) by AKRF personnel and other personnel working under the RAWP. The Site is identified on the New York City (NYC) Tax Map as Bronx Borough Tax Block 2341, Lot 42. A map showing the Site location is provided as Figure 1. The surrounding area is developed with residential, commercial, manufacturing, transportation, and industrial uses.

Historic records indicated that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908-1935, the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline USTs between 1944 and 2021. The Site was also listed on the NYSDEC Petroleum Bulk Storage database with three out-of-service 12,000-gallon gasoline USTs. Site operations ceased in November 2021; all on-site buildings were demolished in July through August 2022. Site contamination, present in soil, groundwater, and soil vapor across the Site, appears to be related to the Site's historic automotive uses.

This HASP does not discuss routine health and safety issues common to general construction and excavation, including, but not, limited to slips, trips, falls, shoring, and other physical hazards. All AKRF employees are additionally directed that all work must be performed in accordance with the AKRF's Generic HASP and all Occupation Safety and Health Administration (OSHA)-applicable regulations for the work activities required for the project. All project personnel are furthermore directed that they are not permitted to enter Permit Required Confined Spaces (as defined by OSHA). For issues unrelated to contaminated materials, all non-AKRF employees are to be bound by all applicable OSHA regulations as well as any more stringent requirements specified by their employer in their corporate HASP or otherwise. AKRF is not responsible for providing oversight for issues unrelated to contaminated materials for non-employees. This oversight shall be the responsibility of the employer of that worker or other official designated by that employer.

2.0 HEALTH AND SAFETY GUIDELINES AND PROCEDURES

2.1 Hazard Evaluation

2.1.1 Hazards of Concern

The hazards of concern include organic and inorganic chemicals, heat and cold stress, and explosive/flammable materials.

2.1.2 Physical Characteristics

The physical characteristics of the hazards of concern include liquid, solid, sludge, vapor, and free-phase petroleum.

2.1.3 Hazardous Materials

The chemicals known and/or expected to be encountered at the Site include: VOCs, SVOCs, pesticides, and metals; the solids include historic fill; the solvents include chlorinated solvents; and the oils include motor, gasoline, and fuel oil.

2.1.4 Chemicals of Concern

Table 1
Chemicals Of Concern

Chemical	REL/PEL/STEL	Health Hazards
1,2-Dichloroethene	REL: 200 ppm PEL: 200 ppm	Irritation eyes, respiratory system; central nervous system depression.
Aldrin & Dieldrin	REL: 0.25 mg/m^3 PEL: 0.25 mg/m^3	Headache, dizziness; nausea, vomiting, malaise (vague feeling of discomfort); myoclonic jerks of limbs; clonic, tonic convulsions; coma; hematuria (blood in the urine), azotemia; [potential occupational carcinogen].
Arsenic	REL C: 0.002 mg/m^3 PEL: 0.010 mg/m^3	Ulceration of nasal septum, dermatitis, gastrointestinal disturbances, peripheral neuropathy, resp irritation, hyperpigmentation of skin, [potential occupational carcinogen].
Benzene	REL: 0.1 ppm N STEL: 1 ppm PEL: 1 ppm O STEL: 5 ppm	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen].
Cadmium	PEL: 0.005 mg/m^3	Pulmonary edema, dyspnea (breathing difficulty), cough, chest tightness, substernal (occurring beneath the sternum) pain; headache; chills, muscle aches; nausea, vomiting, diarrhea; anosmia (loss of the sense of smell), emphysema, proteinuria, mild anemia; [potential occupational carcinogen].
Carbon Tetrachloride	N STEL: 2 ppm PEL: 10 ppm PEL C: 25 ppm; 5-min max peak 200 ppm	Irritation eyes, skin; central nervous system depression; nausea, vomiting; liver, kidney injury; drowsiness, dizziness, incoordination; [potential occupational carcinogen].
Chromium	REL: 0.5 mg/m^3 PEL: 1 mg/m^3	Irritation eyes, skin; lung fibrosis (histologic).

Chemical	REL/PEL/STEL	Health Hazards
DDD, DDE, & DDT	REL: 0.5 mg/m^3 PEL: 1 mg/m^3	Irritation eyes, skin; paresthesia tongue, lips, face; tremor; anxiety, dizziness, confusion, malaise (vague feeling of discomfort), headache, lassitude (weakness, exhaustion); convulsions; paresis hands; vomiting; [potential occupational carcinogen].
Ethylbenzene	REL: 100 ppm N STEL: 125 ppm PEL: 100 ppm	Irritation eyes, nose, respiratory system; headache, lassitude (weakness, exhaustion), dizziness, confusion, malaise (vague feeling of discomfort), drowsiness, unsteady gait; narcosis; defatting dermatitis; possible liver injury; reproductive effects.
Fuel Oils	REL: 100 mg/m^3	Irritation eyes, skin, nose, throat; burning sensation in chest; headache, nausea, lassitude (weakness, exhaustion), restlessness, incoordination, confusion, drowsiness; vomiting, diarrhea; dermatitis; chemical pneumonitis (aspiration liquid).
Lead	REL: 0.050 mg/m^3 PEL:0.050 mg/m^3	Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension.
Manganese	REL: 1 mg/m^3 N STEL: 3 mg/m^3 PEL C: 5 mg/m^3	Manganism; asthenia, insomnia, mental confusion; metal fume fever: dry throat, cough, chest tightness, dyspnea (breathing difficulty), rales, flu-like fever; low-back pain; vomiting; malaise (vague feeling of discomfort); lassitude (weakness, exhaustion); kidney damage.
Mercury	REL: 0.05 mg/m^3 REL C: 0.1 mg/m^3 PEL: 0.1 mg/m^3	Irritation eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria.
Methyl Tert-Butyl Ether	PEL: 50 ppm	Drowsiness, dizziness, headache, weakness, unconsciousness; redness of skin and eyes; Acute ingestion: Nausea, vomiting, abdominal pain; chemical pneumonitis (by aspiration).
Nickel	REL: 0.015 mg/m^3 PEL: 1 mg/m^3	Sensitization dermatitis, allergic asthma, pneumonitis; [potential occupational carcinogen].

Chemical	REL/PEL/STEL	Health Hazards
PAHs	REL: 0.1 mg/m^3 PEL: 0.2 mg/m^3	Effects reported from occupational exposure to PAHs include chronic bronchitis, chronic cough irritation, bronchogenic cancer, dermatitis, cutaneous photosensitization, and pilosebaceous reactions. Reported health effects associated with chronic exposure to coal tar and its by-products (e.g., PAHs): Skin: erythema, burns, and warts on sun-exposed areas with progression to cancer. The toxic effects of coal tar are enhanced by exposure to ultraviolet light. Eyes: irritation and photosensitivity. Respiratory system: cough, bronchitis, and bronchogenic cancer. Gastrointestinal system: leukoplakia, buccal-pharyngeal cancer, and cancer of the lip. Hematopoietic system: leukemia (inconclusive) and lymphoma. Genitourinary system: hematuria and kidney and bladder cancers.
Tetrachloroethylene	PEL: 100 ppm PEL C: 200 ppm; max peak: 300 ppm	Irritation eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination; headache, drowsiness; skin erythema (skin redness); liver damage; [potential occupational carcinogen].
Toluene	REL: 100 ppm N STEL: 150 ppm PEL: 200 ppm PEL C: 300 ppm; 10-min max peak: 500 ppm	Irritation eyes, nose; lassitude (weakness, exhaustion), confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, insomnia; paresthesia; dermatitis; liver, kidney damage.
Trichloroethylene	PEL: 100 ppm PEL C: 200 ppm; 5-min max peak: 300 ppm	Irritation eyes, skin; headache, visual disturbance, lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias, paresthesia; liver injury; [potential occupational carcinogen].
Xylene	REL: 100 ppm N STEL: 150 ppm PEL: 100 ppm	Irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis.
Zinc	REL: 5 mg/m^3 REL C: 15 mg/m^3 N STEL: 10 mg/m^3 PEL: 5 mg/m^3 (ZnO fume); 15 mg/m^3 (ZnO dust)	Chills, elevated body temperature, myalgia, cough, fatigue, chest pain, stomach cramps, nausea, anemia, changes in cholesterol levels, and vomiting.
Notes: REL: Recommended exposure limit (NIOSH) PEL: Permissable exposure limits (OSHA) STEL: Short-term exposure limit N: NIOSH O: OSHA C: Ceiling		

The potential health effects from the on-site contaminants listed above are further described in Attachment A.

2.2 Designated Personnel

AKRF will appoint one of its on-site personnel as the Site Safety Officer (SSO). This individual will be responsible for the implementation of this HASP. The SSO will have experience in implementation of air monitoring and hazardous materials sampling programs. Health and safety training required for the SSO and all field personnel is outlined in Section 2.3 of this HASP.

2.3 Training

All personnel who enter the work area while intrusive activities are being performed will have completed a 40-hour training course that meets OSHA requirements of 29 CFR Part 1910, Occupational Safety and Health Standards. In addition, all personnel will have up-to-date 8-hour refresher training. The training will allow personnel to recognize and understand potential hazards to health and safety. All field personnel must attend a training program, whose purpose is to:

- Make them aware of the potential hazards they may encounter;
- Provide the knowledge and skills necessary for them to perform the work with minimal risk to health and safety;
- Make them aware of the purpose and limitations of safety equipment; and
- Ensure that they can safely avoid or escape from emergencies.

Each member of the field crew will be instructed in these objectives before he/she goes onto the Site. A Site safety meeting will be conducted at the start of the project. Additional meetings shall be conducted, as necessary, for new personnel working at the Site.

2.4 Medical Surveillance Program

All AKRF and subcontractor personnel performing field work involving subsurface disturbance at the Site are required to have passed a complete medical surveillance examination in accordance with 29 CFR 1910.120(f). A physician's medical release for work will be confirmed by the SSO before an employee can begin Site activities. The medical release shall consider the type of work to be performed and the required personal protective equipment (PPE). The medical examination will, at a minimum, be provided annually and upon termination of hazardous waste Site work.

2.5 Site Work Zones

During any activities involving subsurface disturbance, the work area must be divided into various zones to prevent the spread of contamination, ensure that proper protective equipment is donned, and provide an area for decontamination.

The Exclusion Zone is defined as the area where exposure to contaminated media could be encountered. The Contamination Reduction Zone (CRZ) is the area where decontamination procedures take place and is located next to the Exclusion Zone. The Support Zone is the area where support facilities such as vehicles, fire extinguisher, and first aid supplies are located. The emergency staging area (part of the Support Zone) is the area where all workers on-site would assemble in the event of an emergency. A summary of these areas is provided below. These zones may be changed by the SSO, depending on that day's activities. All field personnel will be informed of the location of these zones before work begins.

Table 2
Site Work Zones

Task	Exclusion Zone	CRZ	Support Zone
Excavation	15 feet from Excavation Area	15 feet from Excavation Area	As Needed

2.6 Personal Protection Equipment

The PPE required for various kinds of Site investigation tasks are based on 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response, Appendix B, "General Description and Discussion of the Levels of Protection and Protective Gear."

AKRF field personnel and other Site personnel shall wear, at a minimum, Level D PPE. The protection will be based on the air monitoring described in this section.

Table 3
Personal Protection Equipment Requirements

LEVEL OF PROTECTION & PPE		All Tasks
Level D (**X**) Steel Toe Shoes (**X**) Hard Hat (within 25 ft. of excavator) (**X**) Work Gloves	(**X**) Safety Glasses ( ) Face Shield (**X**) Ear Plugs (within 25 ft. of excavator) (**X**) Nitrile Gloves (**X**) Tyvek for tank contractor if NAPL present	Yes
Level C *(in addition to Level D)* (**X**) Half-Face Respirator (**X**) Full Face Respirator ( ) Full-Face PAPR	( ) Particulate Cartridge ( ) Organic Cartridge (**X**) Dual Organic/Particulate Cartridge	If photoionization detector (PID) > 5 ppm or particulates > 0.125 mg/m^3 in breathing zone
Comments: Cartridges to be changed out at least once per shift unless warranted beforehand (e.g., more difficult to breath or any odors detected). PAPR = powered air purifying respirator		

2.7 General Work Practices

To protect health and safety, all field personnel will adhere to the guidelines listed below during activities involving subsurface disturbance:

- Eating, drinking, chewing gum or tobacco, and smoking are prohibited except in designated areas on the Site. These areas will be designated by the SSO.
- Workers must wash their hands thoroughly on leaving the work area and before eating, drinking, or any other such activity.
- The workers should shower as soon as possible after leaving the Site. Contact with contaminated or suspected surfaces should be avoided.
- The buddy system should always be used; each buddy should watch for signs of fatigue, exposure, and heat/cold stress.

3.0 EMERGENCY PROCEDURES AND EMERGENCY RESPONSE PLAN

The field crew will be equipped with emergency equipment, such as a first aid kit and disposable eyewashes. In the case of a medical emergency, the SSO will determine the nature of the emergency and he/she will have someone call for an ambulance, if needed. If the nature of the injury is not serious, i.e., the person can be moved without expert emergency medical personnel, he/she should be driven to the Brookdale University Hospital by on-site personnel. Directions to the hospital are provided below, and a hospital route map is provided as Figure 2. Report forms are provided in Attachment B. Emergency hand signals are provided in Attachment C.

Table 4
Hospital Directions

Hospital Name	Lincoln Medical Center – Emergency Room
Phone Number	(718) 579-5000
Address/Location	2776-2824 Park Ave, Bronx, NY 10451
Directions	1. Turn right out of the Site, heading north on Grand Concourse. 2. Turn right onto East 144th Street. 3. Turn left onto Park Avenue. 4. The emergency room entrance will be on the right.

3.1 Emergency Contacts

Table 5
Emergency Contacts

Company	Individual Name	Title	Contact Number
AKRF	Rebecca Kinal, P.E.	Remedial Engineer	914-922-2362 (office)
	Marc Godick, QEP	Quality Assurance Officer	914-922-2356 (office)
	Kenneth Wiles	Project Manager	646-388-9528 (office)
	Mackenzie Miller	SSO	631-357-9404 (cell)
350 GC Property Owner LLC	Patrick Taylor	Volunteer Representative	212-335-2317
Ambulance, Fire Department, & Police Department	-	-	911
NYSDEC Spill Hotline		-	800-457-7362

4.0 APPROVAL & ACKNOWLEDGMENTS OF HASP

Signed: _____ Date: _____

AKRF Project Manager

Signed: _____ Date: _____

AKRF Health and Safety Officer

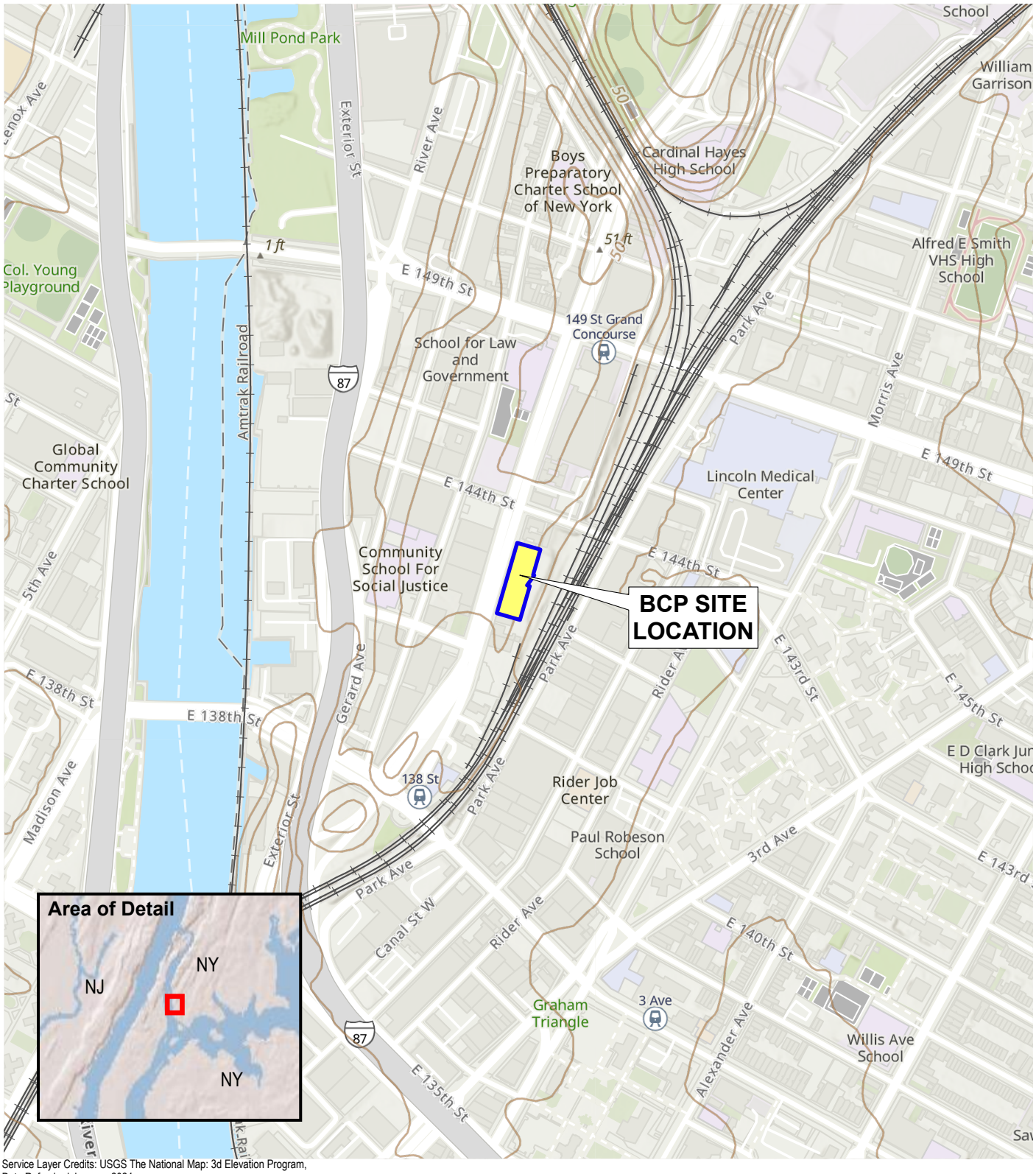
Below is an affidavit that must be signed by all workers who enter the site. A copy of the HASP must be on-site at all times and will be kept by the SSO.

AFFIDAVIT

I,_____(name), of_____(company name), have read the HASP for the site located at 350 Grand Concourse in the Bronx, New York. I agree to conduct all on-site work in accordance with the requirements set forth in this HASP and understand that failure to comply with this HASP could lead to my removal from the Site.

Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____
Signed: _____ Company: _____ Date: _____

FIGURES



AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx6/19/2025 8:14 PM240979 Fig 1 Site Locationjszalus

akrf

440 Park Avenue South, New York, NY 10016

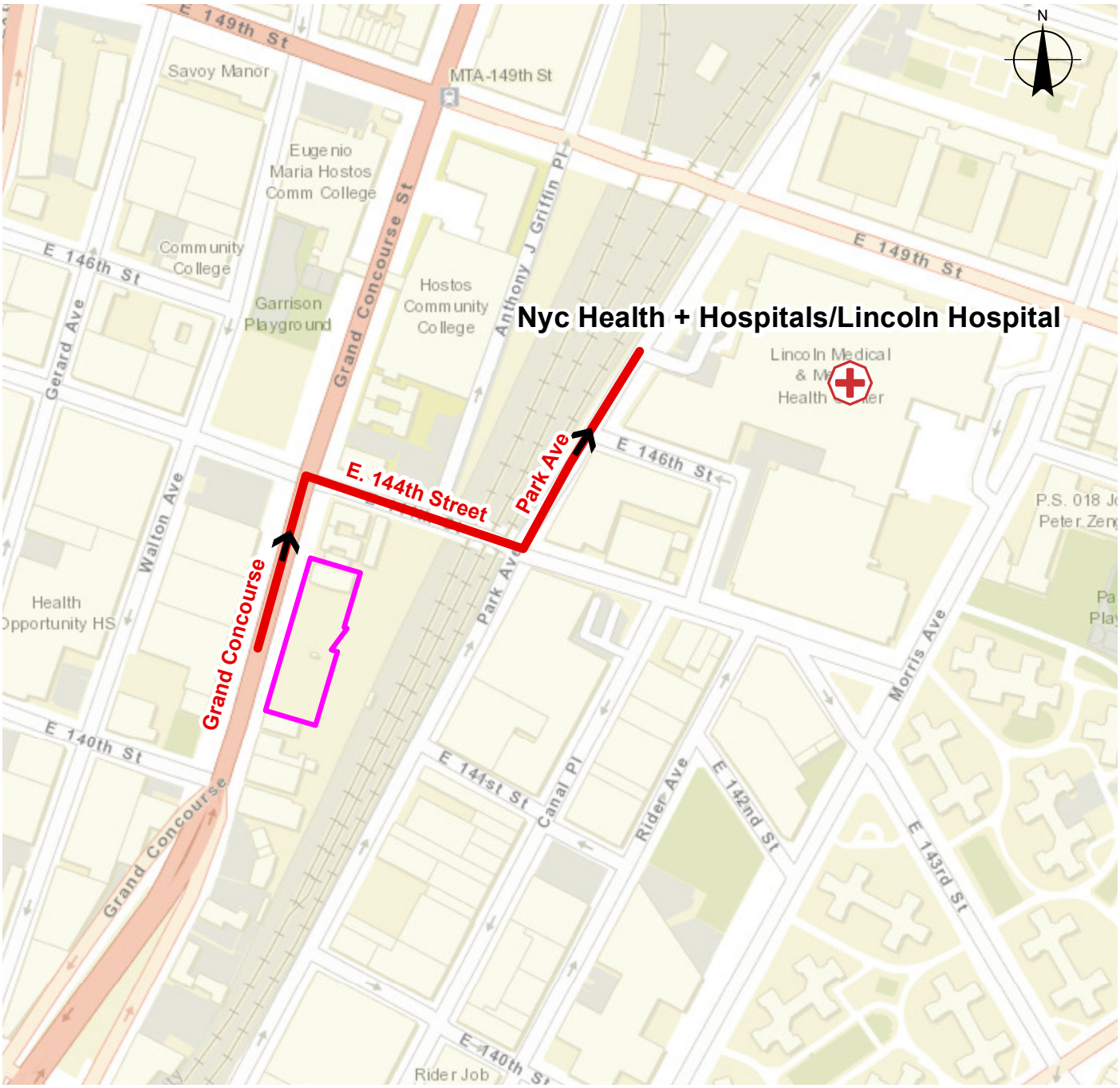
350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
6/19/2025

PROJECT NO.
240979

FIGURE
1



Service Layer Credits: ESRI World Street Map 2021

Nyc Health + Hospitals/Lincoln Hospital
2776-2824 Park Ave
Bronx, NY 10451
(718) 579-5000

LEGEND

- BCP SITE BOUNDARY
- HOSPITAL LOCATION
- ROUTE TO HOSPITAL

0 300 600
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

HOSPITAL ROUTE MAP

DATE **8/14/2025**
PROJECT NO. **240979**
FIGURE **2**

©2025 AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 Fig 2 Hospital Route Map.mxd 8/14/2025 10:26:13 AM mvelleux

ATTACHMENT A

POTENTIAL HEALTH EFFECTS FROM ON-SITE CONTAMINANTS

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,2-DICHLOROETHENE
CAS # 540-59-0, 156-59-2, and 156-60-5

This fact sheet answers the most frequently asked health questions (FAQs) about 1,2-dichloroethene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to 1,2-dichloroethene occurs mainly in workplaces where it is made or used. Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired. *cis*-1,2-Dichloroethene has been found in at least 146 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA). *trans*-1,2-Dichloroethene was found in at least 563 NPL sites. 1,2-Dichloroethene was found at 336 sites, but the isomer (*cis*- or *trans*-) was not specified.

What is 1,2-dichloroethene?

(Pronounced 1,2-dī-klôr′ ō-ĕth′ēn)

1,2-Dichloroethene, also called 1,2-dichloroethylene, is a highly flammable, colorless liquid with a sharp, harsh odor. It is used to produce solvents and in chemical mixtures. You can smell very small amounts of 1,2-dichloroethene in air (about 17 parts of 1,2-dichloroethene per million parts of air [17 ppm]).

There are two forms of 1,2-dichloroethene; one is called *cis*-1,2-dichloroethene and the other is called *trans*-1,2-dichloroethene. Sometimes both forms are present as a mixture.

What happens to 1,2-dichloroethene when it enters the environment?

- 1,2-Dichloroethene evaporates rapidly into air.
- In the air, it takes about 5-12 days for half of it to break down.
- Most 1,2-dichloroethene in the soil surface or bodies of water will evaporate into air.
- 1,2-Dichloroethene can travel through soil or dissolve in water in the soil. It is possible that it can contaminate groundwater.
- In groundwater, it takes about 13-48 weeks to break down.
- There is a slight chance that 1,2-dichloroethene will break down into vinyl chloride, a different chemical which is believed to be more toxic than 1,2-dichloroethene.

How might I be exposed to 1,2-dichloroethene?

- Breathing 1,2-dichloroethene that has leaked from hazardous waste sites and landfills.
- Drinking contaminated tap water or breathing vapors from contaminated water while cooking, bathing, or washing dishes.
- Breathing 1,2-dichloroethene, touching it, or touching contaminated materials in the workplace.

How can 1,2-dichloroethene affect my health?

Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired; breathing very high levels can kill you.

When animals breathed high levels of *trans*-1,2-dichloroethene for short or longer periods of time, their livers and lungs were damaged and the effects were more severe with longer exposure times. Animals that breathed very high

levels of *trans*-1,2-dichloroethene had damaged hearts.

Animals that ingested extremely high doses of *cis*- or *trans*-1,2-dichloroethene died.

Lower doses of *cis*-1,2-dichloroethene caused effects on the blood, such as decreased numbers of red blood cells, and also effects on the liver.

The long-term (365 days or longer) human health effects after exposure to low concentrations of 1,2-dichloroethene aren't known. One animal study suggested that an exposed fetus may not grow as quickly as one that hasn't been exposed.

Exposure to 1,2-dichloroethene hasn't been shown to affect fertility in people or animals.

How likely is 1,2-dichloroethene to cause cancer?

The EPA has determined that *cis*-1,2-dichloroethene is not classifiable as to its human carcinogenicity.

No EPA cancer classification is available for *trans*-1,2-dichloroethene.

Is there a medical test to show whether I've been exposed to 1,2-dichloroethene?

Tests are available to measure concentrations of the breakdown products of 1,2-dichloroethene in blood, urine, and tissues. However, these tests aren't used routinely to determine whether a person has been exposed to this compound. This is because after you are exposed to 1,2-dichloroethene, the breakdown products in your body that are detected with these tests may be the same as those that come from exposure to other chemicals. These tests aren't available in most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum allowable level of *cis*-1,2-dichloroethene in drinking water at 0.07 milligrams per liter of water (0.07 mg/L) and *trans*-1,2-dichloroethene at 0.1 mg/L.

The EPA requires that any spills or accidental release of 1,000 pounds or more of 1,2-dichloroethene must be reported to the EPA.

The Occupational Health Safety and Health Administration (OSHA) has set the maximum allowable amount of 1,2-dichloroethene in workroom air during an 8-hour workday in a 40-hour workweek at 200 parts of 1,2-dichloroethene per million parts of air (200 ppm).

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Fertility: Ability to reproduce.

Ingest: To eat or drink something.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Solvent: A chemical that can dissolve other substances.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for 1,2-Dichloroethene produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ALDRIN and DIELDRIN

CAS # 309-00-2 and 60-57-1

Division of Toxicology ToxFAQs™ **September 2002**

This fact sheet answers the most frequently asked health questions (FAQs) about aldrin and dieldrin. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to aldrin and dieldrin happens mostly from eating contaminated foods, such as root crops, fish, or seafood. Aldrin and dieldrin build up in the body after years of exposure and can affect the nervous system. Aldrin has been found in at least 207 of the 1,613 National Priorities List sites identified by the Environmental Protection Agency (EPA). Dieldrin has been found in at least 287 of the 1,613 sites.

What are aldrin and dieldrin?

Aldrin and dieldrin are insecticides with similar chemical structures. They are discussed together in this fact sheet because aldrin quickly breaks down to dieldrin in the body and in the environment. Pure aldrin and dieldrin are white powders with a mild chemical odor. The less pure commercial powders have a tan color. Neither substance occurs naturally in the environment.

From the 1950s until 1970, aldrin and dieldrin were widely used pesticides for crops like corn and cotton. Because of concerns about damage to the environment and potentially to human health, EPA banned all uses of aldrin and dieldrin in 1974, except to control termites. In 1987, EPA banned all uses.

What happens to aldrin and dieldrin when they enter the environment?

❑ Sunlight and bacteria change aldrin to dieldrin so that we mostly find dieldrin in the environment.
❑ They bind tightly to soil and slowly evaporate to the air.
❑ Dieldrin in soil and water breaks down very slowly.
❑ Plants take in and store aldrin and dieldrin from the soil.
❑ Aldrin rapidly changes to dieldrin in plants and animals.
❑ Dieldrin is stored in the fat and leaves the body very slowly.

How might I be exposed to aldrin or dieldrin?

❑ Dieldrin is everywhere in the environment, but at very low levels.
❑ Eating food like fish or shellfish from lakes or streams contaminated with either chemical, or contaminated root crops, dairy products, or meats.
❑ Air, surface water, or soil near waste sites may contain higher levels.
❑ Living in homes that were once treated with aldrin or dieldrin to control termites.

How can aldrin and dieldrin affect my health?

People who have intentionally or accidentally ingested large amounts of aldrin or dieldrin have suffered convulsions and some died. Health effects may also occur after a longer period of exposure to smaller amounts because these chemicals build up in the body.

Some workers exposed to moderate levels in the air for a long time had headaches, dizziness, irritability, vomiting, and uncontrolled muscle movements. Workers removed from the source of exposure rapidly recovered from most of these effects.

Animals exposed to high amounts of aldrin or dieldrin also had nervous system effects. In animals, oral exposure to lower levels for a long period also affected the liver and decreased their ability to fight infections. We do not know whether aldrin or dieldrin affect the ability of people to fight disease.

Studies in animals have given conflicting results about whether aldrin and dieldrin affect reproduction in male animals and whether these chemicals may damage the sperm.

ALDRIN and DIELDRIN

CAS # 309-00-2 and 60-57-1

We do not know whether aldrin or dieldrin affect reproduction in humans.

How likely are aldrin and dieldrin to cause cancer?

There is no conclusive evidence that aldrin or dieldrin cause cancer in humans. Aldrin and dieldrin have been shown to cause liver cancer in mice. The International Agency for Research on Cancer (IARC) has determined that aldrin and dieldrin are not classifiable as to human carcinogenicity. The EPA has determined that aldrin and dieldrin are probable human carcinogens.

How can aldrin and dieldrin affect children?

Children can be exposed to aldrin and dieldrin in the same way as adults. There are no known unique exposure pathways for children. Children who swallowed amounts of aldrin or dieldrin much larger than those found in the environment suffered convulsions and some died, as occurred in adults. However, we do not know whether children are more susceptible than adults to the effects of aldrin or dieldrin.

We do not know whether aldrin or dieldrin cause birth defects in humans. Pregnant animals that ingested aldrin or dieldrin had some babies with low birth weight and some with alterations in the skeleton. Dieldrin has been found in human breast milk, therefore, it can be passed to suckling infants.

How can families reduce the risk of exposure to aldrin and dieldrin?

❑ Since aldrin and dieldrin are no longer produced or used, exposure to these compounds will occur only from past usage.

❑ Because aldrin and dieldrin were applied to the basement of some homes for termite protection, before buying a home families should investigate what, if any, pesticides have been used within the home.

Is there a medical test to show whether I've been exposed to aldrin and dieldrin?

There are laboratory tests that can measure aldrin and dieldrin in your blood, urine, and body tissues. Because aldrin changes to dieldrin fairly quickly in the body, the test has to be done shortly after you are exposed to aldrin. Since dieldrin can stay in the body for months, measurements of dieldrin can be made much longer after exposure to either aldrin or dieldrin. The tests cannot tell you whether harmful health effects will occur. These tests are not routinely available at the doctor's office because they require special equipment.

Has the federal government made recommendations to protect human health?

The EPA limits the amount of aldrin and dieldrin that may be present in drinking water to 0.001 and 0.002 milligrams per liter (mg/L) of water, respectively, for protection against health effects other than cancer. The EPA has determined that a concentration of aldrin and dieldrin of 0.0002 mg/L in drinking water limits the lifetime risk of developing cancer from exposure to each compound to 1 in 10,000.

The Occupational Safety and Health Administration (OSHA) sets a maximum average of 0.25 milligrams of aldrin and dieldrin per cubic meter of air (0.25 mg/m^3) in the workplace during an 8-hour shift, 40 hour week. The National Institute for Occupational Safety and Health (NIOSH) also recommends a limit of 0.25 mg/m^3 for both compounds for up to a 10-hour work day, 40-hour week.

The Food and Drug Administration (FDA) regulates the residues of aldrin and dieldrin in raw foods. The allowable range is from 0 to 0.1 ppm, depending on the type of food product.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2002. Toxicological Profile for Aldrin/Dieldrin (Update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ARSENIC
CAS # 7440-38-2

Division of Toxicology ToxFAQs™ December 2003

This fact sheet answers the most frequently asked health questions (FAQs) about arsenic. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to higher than average levels of arsenic occurs mostly in the workplace, near hazardous waste sites, or in areas with high natural levels. At high levels, inorganic arsenic can cause death. Exposure to lower levels for a long time can cause a discoloration of the skin and the appearance of small corns or warts. Arsenic has been found at 1,014 of the 1,598 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is arsenic?

Arsenic is a naturally occurring element widely distributed in the earth's crust. In the environment, arsenic is combined with oxygen, chlorine, and sulfur to form inorganic arsenic compounds. Arsenic in animals and plants combines with carbon and hydrogen to form organic arsenic compounds.

Inorganic arsenic compounds are mainly used to preserve wood. Organic arsenic compounds are used as pesticides, primarily on cotton plants.

What happens to arsenic when it enters the environment?

❑ Arsenic cannot be destroyed in the environment. It can only change its form.
❑ Arsenic in air will settle to the ground or is washed out of the air by rain.
❑ Many arsenic compounds can dissolve in water.
❑ Fish and shellfish can accumulate arsenic, but the arsenic in fish is mostly in a form that is not harmful.

How might I be exposed to arsenic?

❑ Eating food, drinking water, or breathing air containing arsenic.
❑ Breathing contaminated workplace air.
❑ Breathing sawdust or burning smoke from wood treated with arsenic.
❑ Living near uncontrolled hazardous waste sites containing arsenic.
❑ Living in areas with unusually high natural levels of arsenic in rock.

How can arsenic affect my health?

Breathing high levels of inorganic arsenic can give you a sore throat or irritated lungs. Ingesting high levels of inorganic arsenic can result in death. Lower levels of arsenic can cause nausea and vomiting, decreased production of red and white blood cells, abnormal heart rhythm, damage to blood vessels, and a sensation of "pins and needles" in hands and feet.

Ingesting or breathing low levels of inorganic arsenic for a long time can cause a darkening of the skin and the

appearance of small "corns" or "warts" on the palms, soles, and torso.

Skin contact with inorganic arsenic may cause redness and swelling.

Organic arsenic compounds are less toxic than inorganic arsenic compounds. Exposure to high levels of some organic arsenic compounds may cause similar effects as inorganic arsenic.

How likely is arsenic to cause cancer?

Several studies have shown that inorganic arsenic can increase the risk of lung cancer, skin cancer, bladder cancer, liver cancer, kidney cancer, and prostate cancer. The World Health Organization (WHO), the Department of Health and Human Services (DHHS), and the EPA have determined that inorganic arsenic is a human carcinogen.

How can arsenic affect children?

We do not know if exposure to arsenic will result in birth defects or other developmental effects in people. Birth defects have been observed in animals exposed to inorganic arsenic.

It is likely that health effects seen in children exposed to high amounts of arsenic will be similar to the effects seen in adults.

How can families reduce the risk of exposure to arsenic?

❑ If you use arsenic-treated wood in home projects, you should wear dust masks, gloves, and protective clothing to decrease exposure to sawdust.
❑ If you live in an area with high levels of arsenic in water or soil, you should use cleaner sources of water and limit contact with soil.

Is there a medical test to show whether I've been exposed to arsenic?

There are tests to measure the level of arsenic in blood, urine, hair, or fingernails. The urine test is the most reliable test for arsenic exposure within the last few days. Tests on hair and fingernails can measure exposure to high levels or arsenic over the past 6-12 months. These tests can determine if you have been exposed to above-average levels of arsenic. They cannot predict how the arsenic levels in your body will affect your health.

Has the federal government made recommendations to protect human health?

EPA has set limits on the amount of arsenic that industrial sources can release to the environment and has restricted or canceled many uses of arsenic in pesticides. EPA has set a limit of 0.01 parts per million (ppm) for arsenic in drinking water.

The Occupational Safety and Health Administration has set limits of 10 μg arsenic per cubic meter of workplace air (10 $\mu g/m^3$) for 8 hour shifts and 40 hour work weeks.

Source of Information

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Arsenic. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Benzene - ToxFAQs™

CAS # 71-43-2

This fact sheet answers the most frequently asked health questions (FAQs) about benzene. For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHTLIGHTS: Benzene is a widely used chemical formed from both natural processes and human activities. Breathing benzene can cause drowsiness, dizziness, and unconsciousness; long-term benzene exposure causes effects on the bone marrow and can cause anemia and leukemia. Benzene has been found in at least 1,000 of the 1,684 National Priority List (NPL) sites identified by the Environmental Protection Agency (EPA).

What is benzene?

Benzene is a colorless liquid with a sweet odor. It evaporates into the air very quickly and dissolves slightly in water. It is highly flammable and is formed from both natural processes and human activities.

Benzene is widely used in the United States; it ranks in the top 20 chemicals for production volume. Some industries use benzene to make other chemicals which are used to make plastics, resins, and nylon and other synthetic fibers. Benzene is also used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides. Natural sources of benzene include emissions from volcanoes and forest fires. Benzene is also a natural part of crude oil, gasoline, and cigarette smoke.

What happens to benzene when it enters the environment?

- Industrial processes are the main source of benzene in the environment.
- Benzene can pass into the air from water and soil.
- It reacts with other chemicals in the air and breaks down within a few days.
- Benzene in the air can attach to rain or snow and be carried back down to the ground.
- It breaks down more slowly in water and soil, and can pass through the soil into underground water.
- Benzene does not build up in plants or animals.

How might I be exposed to benzene?

- Outdoor air contains low levels of benzene from tobacco smoke, automobile service stations, exhaust from motor vehicles, and industrial emissions.
- Vapors (or gases) from products that contain benzene, such as glues, paints, furniture wax, and detergents, can also be a source of exposure.
- Air around hazardous waste sites or gas stations will contain higher levels of benzene.
- Working in industries that make or use benzene.

How can benzene affect my health?

Breathing very high levels of benzene can result in death, while high levels can cause drowsiness, dizziness, rapid heart rate, headaches, tremors, confusion, and unconsciousness. Eating or drinking foods containing high levels of benzene can cause vomiting, irritation of the stomach, dizziness, sleepiness, convulsions, rapid heart rate, and death.

The major effect of benzene from long-term exposure is on the blood. Benzene causes harmful effects on the bone marrow and can cause a decrease in red blood cells leading to anemia. It can also cause excessive bleeding and can affect the immune system, increasing the chance for infection. Some women who breathed high levels of benzene for many months had irregular menstrual periods and a decrease in the size of their ovaries, but we do not know for certain that benzene caused the effects. It is not known whether benzene will affect fertility in men.

Benzene

CAS # 71-43-2

How likely is benzene to cause cancer?

Long-term exposure to high levels of benzene in the air can cause leukemia, particularly acute myelogenous leukemia, often referred to as AML. This is a cancer of the bloodforming organs. The Department of Health and Human Services (DHHS) has determined that benzene is a known carcinogen. The International Agency for Research on Cancer (IARC) and the EPA have determined that benzene is carcinogenic to humans.

How can benzene affect children?

Children can be affected by benzene exposure in the same ways as adults. It is not known if children are more susceptible to benzene poisoning than adults.

Benzene can pass from the mother's blood to a fetus. Animal studies have shown low birth weights, delayed bone formation, and bone marrow damage when pregnant animals breathed benzene.

How can families reduce the risks of exposure to benzene?

Benzene exposure can be reduced by limiting contact with gasoline and cigarette smoke. Families are encouraged not to smoke in their house, in enclosed environments, or near their children.

Is there a medical test to determine whether I've been exposed to benzene?

Several tests can show if you have been exposed to benzene. There is a test for measuring benzene in the breath; this test must be done shortly after exposure. Benzene can also be measured in the blood; however, since benzene disappears rapidly from the blood, this test is only useful for recent exposures.

In the body, benzene is converted to products called metabolites. Certain metabolites can be measured in the urine. The metabolite S-phenylmercapturic acid in urine is a sensitive indicator of benzene exposure. However, this test must be done shortly after exposure and is not a reliable indicator of how much benzene you have been exposed to, since the metabolites may be present in urine from other sources.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum permissible level of benzene in drinking water at 5 parts benzene per billion parts of water (5 ppb).

The Occupational Safety and Health Administration (OSHA) has set limits of 1 part benzene per million parts of workplace air (1 ppm) for 8 hour shifts and 40 hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR) 2007. Toxicological Profile for Benzene (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ Internet address via WWW is http://www.atsdr.cdc.gov/toxfaqs/index.asp.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Cadmium- ToxFAQs™

CAS # 7440-43-9

This fact sheet answers the most frequently asked health questions (FAQs) about cadmium. For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to cadmium happens mostly in the workplace where cadmium products are made. The general population is exposed from breathing cigarette smoke or eating cadmium contaminated foods. Cadmium damages the kidneys, lungs, and bones. Cadmium has been found in at least 1,014 of the 1,669 National Priorities List (NPL) sites identified by the Environmental Protection Agency (EPA).

What is cadmium?

Cadmium is a natural element in the earth's crust. It is usually found as a mineral combined with other elements such as oxygen (cadmium oxide), chlorine (cadmium chloride), or sulfur (cadmium sulfate, cadmium sulfide).

All soils and rocks, including coal and mineral fertilizers, contain some cadmium. Most cadmium used in the United States is extracted during the production of other metals like zinc, lead, and copper. Cadmium does not corrode easily and has many uses, including batteries, pigments, metal coatings, and plastics.

What happens to cadmium when it enters the environment?

- Cadmium enters soil, water, and air from mining, industry, and burning coal and household wastes.
- Cadmium does not break down in the environment, but can change forms.
- Cadmium particles in air can travel long distances before falling to the ground or water.
- Some forms of cadmium dissolve in water.
- Cadmium binds strongly to soil particles.
- Fish, plants, and animals take up cadmium from the environment.

How might I be exposed to cadmium?

- Eating foods containing cadmium; low levels are found in all foods (highest levels are found in leafy vegetables, grains, legumes, and kidney meat).
- Smoking cigarettes or breathing cigarette smoke.
- Breathing contaminated workplace air.
- Drinking contaminated water.
- Living near industrial facilities which release cadmium into the air.

How can cadmium affect my health?

Breathing high levels of cadmium can severely damage the lungs. Eating food or drinking water with very high levels severely irritates the stomach, leading to vomiting and diarrhea.

Long-term exposure to lower levels of cadmium in air, food, or water leads to a buildup of cadmium in the kidneys and possible kidney disease. Other long-term effects are lung damage and fragile bones.

How likely is cadmium to cause cancer?

The Department of Health and Human Services (DHHS) and the International Agency for Research on Cancer (IARC) have determined that cadmium and cadmium compounds are human carcinogens. The EPA determined that cadmium is a probable human carcinogen (group B1).

Cadmium

CAS # 7440-43-9

How can cadmium affect children?

The health effects in children are expected to be similar to the effects seen in adults (kidney and lung damage depending on the route of exposure).

A few studies in animals indicate that younger animals absorb more cadmium than adults. Animal studies also indicate that the young are more susceptible than adults to a loss of bone and decreased bone strength from exposure to cadmium.

We don't know if cadmium causes birth defects in people. Studies in animals exposed to high levels of cadmium during pregnancy have resulted in harmful effects to the young. Young animals exposed to cadmium before birth have shown effects on behavior and learning. There is also some information from animal studies that high enough exposures to cadmium before birth can reduce body weights and affect the skeleton in the developing young.

How can families reduce the risk of exposure to cadmium?

- Do not allow children to play with batteries. Dispose of nickel-cadmium batteries properly.
- Cadmium is a component of tobacco smoke. Avoid smoking and smoking in enclosed spaces like inside the home or car in order to limit exposure to children and other family members.
- If you work with cadmium, use all safety precautions to avoid carrying cadmium-containing dust home from work on your clothing, skin, hair, or tools.
- A balanced diet can reduce the amount of cadmium taken into the body from food and drink.

Is there a medical test to determine whether I've been exposed to cadmium?

Cadmium can be measured in blood, urine, hair, or nails. Urinary cadmium has been shown to accurately reflect the amount of cadmium in the body.

The amount of cadmium in your blood shows your recent exposure to cadmium. The amount of cadmium in your urine shows both your recent and your past exposure.

Has the federal government made recommendations to protect human health?

The EPA has determined that exposure to cadmium in drinking water at concentrations of 0.04 milligrams per liter (0.04 mg/L) for up to 10 days is not expected to cause any adverse effects in a child.

The EPA has determined that lifetime exposure to 0.005 mg/L cadmium is not expected to cause any adverse effects.

The Food and Drug Administration (FDA) has determined that the cadmium concentration in bottled drinking water should not exceed 0.005 mg/L.

The Occupational Health and Safety Administration (OSHA) has limited workers' exposure to an average of 5 $\mu g/m^3$ for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2012. Toxicological Profile for Cadmium. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ Internet address via WWW is http://www.atsdr.cdc.gov/toxfaqs/index.asp.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CARBON DISULFIDE
CAS # 75-15-0

This fact sheet answers the most frequently asked health questions (FAQs) about carbon disulfide. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to carbon disulfide can occur by breathing it in the air and by drinking water or eating foods that contain it. Breathing very high levels can be life threatening because of its effects on the nervous system. Breathing low levels for long periods may result in headaches, tiredness, trouble sleeping, and slight changes in the nerves. Carbon disulfide has been found in at least 210 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is carbon disulfide?

(Pronounced kär′bən dī-sŭl′fīd′)

Pure carbon disulfide is a colorless liquid with a pleasant odor that is like the smell of chloroform. The impure carbon disulfide that is usually used in most industrial processes is a yellowish liquid with an unpleasant odor, like that of rotting radishes.

Carbon disulfide evaporates at room temperature, and the vapor is more than twice as heavy as air. It easily explodes in air and also catches fire very easily.

In nature, small amounts of carbon disulfide are found in gases released to the earth's surface as, for example, in volcanic eruptions or over marshes. Commercial carbon disulfide is made by combining carbon and sulfur at very high temperatures.

What happens to carbon disulfide when it enters the environment?

- Carbon disulfide released into the air through natural processes is difficult to judge because it is so small.
- Carbon disulfide evaporates rapidly when released to the environment.
- Most carbon disulfide in the air and surface water is from manufacturing and processing activities.
- It is found naturally in coastal and ocean waters.
- Carbon disulfide does not stay dissolved in water very long, and it also moves through soils fairly quickly.
- Carbon disulfide does not appear to be taken up in significant amounts by the organisms living in water.

How might I be exposed to carbon disulfide?

- The people most often exposed to carbon disulfide are workers in plants that use carbon disulfide in their manufacturing processes.
- People may be exposed by breathing air, drinking water, or eating foods that contain it.
- People may also be exposed through skin contact with soil, water, or other substances that contain carbon disulfide.

How can carbon disulfide affect my health?

At very high levels, carbon disulfide may be life-threatening because of its effects on the nervous system. People who

breathed carbon disulfide near an accident involving a railroad car showed changes in breathing and some chest pains.

Some workers who breathed high levels during working hours for at least 6 months had headaches, tiredness, and trouble sleeping. However, these workers may have been exposed to other chemicals besides carbon disulfide. Among workers who breathed lower levels, some developed very slight changes in their nerves.

Studies in animals indicate that carbon disulfide can affect the normal functions of the brain, liver, and heart. After pregnant rats breathed carbon disulfide in the air, some of the newborn rats died or had birth defects.

High concentrations of carbon disulfide have caused skin burns when the chemical accidentally touched people's skin.

How likely is carbon disulfide to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified carbon disulfide for carcinogenicity.

There are no definitive data in humans or animals that indicate a carcinogenic potential for carbon disulfide.

Is there a medical test to show whether I've been exposed to carbon disulfide?

One chemical test using urine can be done to tell whether the levels of breakdown substances from carbon disulfide are higher than normal. However, the test is not specific for carbon disulfide exposure.

A second test based on a specific breakdown substance is more sensitive and specific. It also requires special equipment and cannot tell you exactly how much carbon disulfide you were exposed to or predict whether harmful effects will occur.

These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA requires that spills or accidental releases into the environment of 100 pounds or more of carbon disulfide be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a limit of 20 parts of carbon disulfide per million parts of air (20 ppm) for an 8-hour workday for a 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that workroom air levels of carbon disulfide not exceed 1 ppm for a 10-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Dissolve: To disappear gradually.

Evaporate: To change into vapor or a gas.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for Carbon Disulfide produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CHROMIUM

CAS # 7440-47-3

Division of Toxicology and Environmental Medicine ToxFAQs™ September 2008

This fact sheet answers the most frequently asked health questions (FAQs) about chromium. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to chromium occurs from ingesting contaminated food or drinking water or breathing contaminated workplace air. Chromium(VI) at high levels can damage the nose and cause cancer. Ingesting high levels of chromium(VI) may result in anemia or damage to the stomach or intestines. Chromium(III) is an essential nutrient. Chromium has been found in at least 1,127 of the 1,669 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is chromium?

Chromium is a naturally occurring element found in rocks, animals, plants, and soil. It can exist in several different forms. Depending on the form it takes, it can be a liquid, solid, or gas. The most common forms are chromium(0), chromium(III), and chromium(VI). No taste or odor is associated with chromium compounds.

The metal chromium, which is the chromium(0) form, is used for making steel. Chromium(VI) and chromium(III) are used for chrome plating, dyes and pigments, leather tanning, and wood preserving.

What happens to chromium when it enters the environment?

❑ Chromium can be found in air, soil, and water after release from the manufacture, use, and disposal of chromium-based products, and during the manufacturing process.
❑ Chromium does not usually remain in the atmosphere, but is deposited into the soil and water .
❑ Chromium can easily change from one form to another in water and soil, depending on the conditions present.
❑ Fish do not accumulate much chromium in their bodies from water.

How might I be exposed to chromium?

❑ Eating food containing chromium(III).
❑ Breathing contaminated workplace air or skin contact during use in the workplace.
❑ Drinking contaminated well water.
❑ Living near uncontrolled hazardous waste sites containing chromium or industries that use chromium.

How can chromium affect my health?

Chromium(III) is an essential nutrient that helps the body use sugar, protein, and fat.

Breathing high levels of chromium(VI) can cause irritation to the lining of the nose, nose ulcers, runny nose, and breathing problems, such as asthma, cough, shortness of breath, or wheezing. The concentrations of chromium in air that can cause these effects may be different for different types of chromium compounds, with effects occurring at much lower concentrations for chromium(VI) compared to chromium(III).

The main health problems seen in animals following ingestion of chromium(VI) compounds are irritation and ulcers in the stomach and small intestine and anemia. Chromium(III) compounds are much less toxic and do not appear to cause these problems.

Sperm damage and damage to the male reproductive system have also been seen in laboratory animals exposed to chromium(VI).

Skin contact with certain chromium(VI) compounds can cause skin ulcers. Some people are extremely sensitive to chromium(VI) or chromium(III). Allergic reactions consisting of severe redness and swelling of the skin have been noted.

How likely is chromium to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Reseach on Cancer (IARC), and the EPA have determined that chromium(VI) compounds are known human carcinogens. In workers, inhalation of chromium(VI) has been shown to cause lung cancer. Chromium(VI) also causes lung cancer in animals. An increase in stomach tumors was observed in humans and animals exposed to chromium(VI) in drinking water.

How can chromium affect children?

It is likely that health effects seen in children exposed to high amounts of chromium will be similar to the effects seen in adults.

We do not know if exposure to chromium will result in birth defects or other developmental effects in people. Some developmental effects have been observed in animals exposed to chromium(VI).

How can families reduce the risks of exposure to chromium?

❑ Children should avoid playing in soils near uncontrolled hazardous waste sites where chromium may have been discarded.

❑ Chromium is a component of tobacco smoke. Avoid smoking in enclosed spaces like inside the home or car in order to limit exposure to children and other family members.

❑ Although chromium(III) is an essential nutrient, you should avoid excessive use of dietary supplements containing chromium.

Is there a medical test to determine whether I've been exposed to chromium?

Since chromium(III) is an essential element and naturally occurs in food, there will always be some level of chromium in your body. Chromium can be measured in hair, urine, and blood.

Higher than normal levels of chromium in blood or urine may indicate that a person has been exposed to chromium. However , increases in blood and urine chromium levels cannot be used to predict the kind of health effects that might develop from that exposure.

Has the federal government made recommendations to protect human health?

The EPA has determined that exposure to chromium in drinking water at concentrations of 1 mg/L for up to 10 days is not expected to cause any adverse effects in a child.

The FDA has determined that the chromium concentration in bottled drinking water should not exceed 1 mg/L.

The Occupational Health and Safety Administration (OSHA) has limited workers' exposure to an average of 0.0005 mg/m ^{3} chromium(VI), 0.5 mg/m ^{3} chromium(III), and 1.0 mg/m ^{3} chromium(0) for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2008. Toxicological Profile for Chromium (Draft for Public Comment). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Environmental Medicine, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-800-232-4636, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmenta l quality department if you have any more questions or concerns.

DDT, DDE, and DDD - ToxFAQs™

What are DDT, DDE, and DDD?

DDT (dichlorodiphenyltrichloroethane) is a man-made chemical that does not occur naturally in the environment. It is a white, crystalline solid with no odor or taste. DDE (dichlorodiphenyldichloroethylene) and DDD (dichlorodiphenyldichloroethane) are chemicals similar to DDT that can form when DDT breaks down.

DDT is a pesticide that was once widely used to control insects in agriculture and insects that carry diseases such as malaria. Its use was banned in 1972 because of damage to wildlife but is still used in a limited number of countries where diseases such as malaria are a major health problem. DDE has no commercial use. DDD was also used to kill pests, but its use has also been banned. One form of DDD has been used to treat cancer of the adrenal gland.

What happens to DDT, DDE, and DDD in the environment?

DDT can get into the environment when it is used as a pesticide. DDE and DDD form when DDT breaks down. These chemicals can evaporate into the air from water and moist soil and may then be carried to locations very far from the original source. They can be removed from the air by rain and snow or be broken down by sunlight. DDT, DDE, and DDD stick strongly to the soil and are not likely to move into the groundwater. Microorganisms in the soil slowly break down DDT (it can take anywhere from 2 to 15 years to break down half of the DDT). DDT does not dissolve easily in water and is mostly found in the sediment on the bottom of bodies of water. DDT, DDE, and DDD can build up in plants and animals.

How can I be exposed to DDT, DDE, and DDD?

Most people are not likely to be exposed to DDT, DDE, or DDD. The most common way to be exposed to small amounts of these chemicals is from eating contaminated food such as meat, fish, poultry, and dairy products. If you live near a hazardous waste site, you might be exposed to DDT, DDE, and DDD from contaminated air, dirt, or water.

Since DDT was banned in 1972, exposure to DDT, DDE, and DDD has decreased dramatically. Small amounts may still be found in some food.

How can DDT, DDE, and DDD affect my health?

People who accidentally swallowed large amounts of DDT had tremors, headaches, nausea, and seizures. These effects went away after the exposure stopped. No effects were seen in volunteers who took a small daily dose of DDT by capsule for 18 months. Studies have shown that women with high amounts of DDE in their blood were more likely to have a premature baby or a baby with a wheeze. Exposure to DDT may also increase chances of developing Type II diabetes mellitus in some groups of people.

Animal studies generally used higher amounts of DDT, DDE, and DDD than you would likely be exposed to in the United States. In studies where animals were fed DDT, DDE, or DDD, harmful effects were seen on their nervous system, liver, and reproductive system (including decreased fertility).

DDT, DDE, and DDD

Can DDT, DDE, and DDD cause cancer?

Studies have shown that people with higher levels of DDT in their blood have an increased risk of developing liver cancer. Liver cancer was also seen in animals that were fed DDT over a long period of time.

The U.S. Department of Health and Human Services (DHHS) has determined that DDT may reasonably be anticipated to be a human carcinogen (causing cancer in people).

The U.S. Environmental Protection Agency (EPA) has classified DDT, DDE, and DDD as probable human carcinogens.

The International Agency for Research on Cancer (IARC) determined DDT may possibly cause cancer in humans.

Can I get a medical test to check for DDT, DDE, and DDD?

Tests are available to measure levels of DDT, DDE, and DDD in the blood, hair, and breast milk.

These tests cannot predict whether you will have health problems from the exposure to DDT, DDE, and DDD. Doctor's offices do not routinely offer these tests.

How can I protect myself and my family from DDT, DDE, and DDD?

Most people don't need to take any special steps to avoid DDT, DDE, and DDD in their daily lives. Washing fruits and vegetable that come from foreign countries will remove most DDT if any is present. Children should avoid playing in dirt or water near hazardous waste sites to avoid coming in contact with these chemicals.

Follow health advisories that tell you about consumption of fish and wildlife caught in contaminated areas.

For more information:

Call **CDC-INFO** at 1-800-232-4636, or submit your question online at https://wwwn.cdc.gov/dcs/ContactUs/Form

Go to ATSDR's Toxicological Profile for DDT, DDE, and DDD: https://wwwn.cdc.gov/TSP/ToxProfiles/ToxProfiles.aspx?id=81&tid=20

Go to ATSDR's Toxic Substances Portal: https://wwwn.cdc.gov/TSP/index.aspx

Find & contact your ATSDR Regional Representative at http://www.atsdr.cdc.gov/DRO/dro_org.html

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ETHYLBENZENE
CAS # 100-41-4

Agency for Toxic Substances and Disease Registry ToxFAQs **June 1999**

This fact sheet answers the most frequently asked health questions (FAQs) about ethylbenzene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Ethylbenzene is a colorless liquid found in a number of products including gasoline and paints. Breathing very high levels can cause dizziness and throat and eye irritation. Ethylbenzene has been found in at least 731 of the 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is ethylbenzene?

(Pronounced ĕth′ əl bĕn′ zēn′)

Ethylbenzene is a colorless, flammable liquid that smells like gasoline. It is found in natural products such as coal tar and petroleum and is also found in manufactured products such as inks, insecticides, and paints.

Ethylbenzene is used primarily to make another chemical, styrene. Other uses include as a solvent, in fuels, and to make other chemicals.

What happens to ethylbenzene when it enters the environment?

- Ethylbenzene moves easily into the air from water and soil.
- It takes about 3 days for ethylbenzene to be broken down in air into other chemicals.
- Ethylbenzene may be released to water from industrial discharges or leaking underground storage tanks.
- In surface water, ethylbenzene breaks down by reacting with other chemicals found naturally in water.
- In soil, it is broken down by soil bacteria.

How might I be exposed to ethylbenzene?

- Breathing air containing ethylbenzene, particularly in areas near factories or highways.
- Drinking contaminated tap water.
- Working in an industry where ethylbenzene is used or made.
- Using products containing it, such as gasoline, carpet glues, varnishes, and paints.

How can ethylbenzene affect my health?

Limited information is available on the effects of ethylbenzene on people's health. The available information shows dizziness, throat and eye irritation, tightening of the chest, and a burning sensation in the eyes of people exposed to high levels of ethylbenzene in air.

Animals studies have shown effects on the nervous system, liver, kidneys, and eyes from breathing ethylbenzene in air.

How likely is ethylbenzene to cause cancer?

The EPA has determined that ethylbenzene is not classifiable as to human carcinogenicity.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

No studies in people have shown that ethylbenzene exposure can result in cancer. Two available animal studies suggest that ethylbenzene may cause tumors.

How can ethylbenzene affect children?

Children may be exposed to ethylbenzene through inhalation of consumer products, including gasoline, paints, inks, pesticides, and carpet glue. We do not know whether children are more sensitive to the effects of ethylbenzene than adults.

It is not known whether ethylbenzene can affect the development of the human fetus. Animal studies have shown that when pregnant animals were exposed to ethylbenzene in air, their babies had an increased number of birth defects.

How can families reduce the risk of exposure to ethylbenzene?

Exposure to ethylbenzene vapors from household products and newly installed carpeting can be minimized by using adequate ventilation.

Household chemicals should be stored out of reach of children to prevent accidental poisoning. Always store household chemicals in their original containers; never store them in containers children would find attractive to eat or drink from, such as old soda bottles. Gasoline should be stored in a gasoline can with a locked cap.

Sometimes older children sniff household chemicals, including ethylbenzene, in an attempt to get high. Talk with your children about the dangers of sniffing chemicals.

Is there a medical test to show whether I've been exposed to ethylbenzene?

Ethylbenzene is found in the blood, urine, breath, and some body tissues of exposed people. The most common way to test for ethylbenzene is in the urine. This test measures substances formed by the breakdown of ethylbenzene. This test needs to be done within a few hours after exposure occurs, because the substances leave the body very quickly.

These tests can show you were exposed to ethylbenzene, but cannot predict the kind of health effects that might occur.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level of 0.7 milligrams of ethylbenzene per liter of drinking water (0.7 mg/L).

The EPA requires that spills or accidental releases into the environment of 1,000 pounds or more of ethylbenzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 100 parts of ethylbenzene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for ethylbenzene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

FUEL OILS

CAS # 8008-20-6, 70892-10-3, 68476-30-2, 68476-34-6, 68476-31-3

This fact sheet answers the most frequently asked health questions (FAQs) about fuel oils. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Fuel oils are liquid mixtures produced from petroleum, and their use mostly involves burning them as fuels. Drinking or breathing fuel oils may cause nausea or nervous system effects. However, exposure under normal use conditions is not likely to be harmful. Fuel oils have been found in at least 26 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are fuel oils?

(Pronounced fyo͞o′əl oilz)

Fuel oils are a variety of yellowish to light brown liquid mixtures that come from crude petroleum. Some chemicals found in fuel oils may evaporate easily, while others may more easily dissolve in water.

Fuel oils are produced by different petroleum refining processes, depending on their intended uses. Fuel oils may be used as fuel for engines, lamps, heaters, furnaces, and stoves, or as solvents.

Some commonly found fuel oils include kerosene, diesel fuel, jet fuel, range oil, and home heating oil. These fuel oils differ from one another by their hydrocarbon compositions, boiling point ranges, chemical additives, and uses.

What happens to fuel oils when they enter the environment?

- Some chemicals found in fuel oils may evaporate into the air from open containers or contaminated soil or water.
- Some chemicals found in fuel oils may dissolve in water after spills to surface waters or leaks from underground storage tanks.
- Some chemicals found in fuel oils may stick to particles in water, which will eventually cause them to settle to the bottom sediment.
- Some of the chemicals found in fuel oils may be broken down slowly in air, water, and soil by sunlight or small organisms.
- Some of the chemicals found in fuel oils may build up significantly in plants and animals.

How might I be exposed to fuel oils?

- Using a home kerosene heater or stove, or using fuel oils at work.
- Breathing air in home or building basements that has been contaminated with fuel oil vapors entering from the soil.
- Drinking or swimming in water that has been contaminated with fuel oils from a spill or a leaking underground storage tank.
- Touching soil contaminated with fuel oils.
- Using fuel oils to wash paint or grease from skin or equipment.

How can fuel oils affect my health?

Little information is available about the health effects that may be caused by fuel oils. People who use kerosene

stoves for cooking do not seem to have any health problems related to their exposure.

Breathing some fuel oils for short periods may cause nausea, eye irritation, increased blood pressure, headache, lightheadedness, loss of appetite, poor coordination, and difficulty concentrating. Breathing diesel fuel vapors for long periods may cause kidney damage and lower your blood's ability to clot.

Drinking small amounts of kerosene may cause vomiting, diarrhea, coughing, stomach swelling and cramps, drowsiness, restlessness, painful breathing, irritability, and unconsciousness. Drinking large amounts of kerosene may cause convulsions, coma, or death. Skin contact with kerosene for short periods may cause itchy, red, sore, or peeling skin.

How likely are fuel oils to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that some fuel oils (heavy) may possibly cause cancer in humans, but for other fuel oils (light) there is not enough information to make a determination. IARC has also determined that occupational exposures to fuel oils during petroleum refining are probably carcinogenic in humans.

Some studies with mice have suggested that repeated contact with fuel oils may cause liver or skin cancer. However, other mouse studies have found this not to be the case. No studies are available in other animals or in people on the carcinogenic effects of fuel oils.

Is there a medical test to show whether I've been exposed to fuel oils?

There is no medical test that shows if you have been exposed to fuel oils. Tests are available to determine if some of the chemicals commonly found in fuel oils are in your blood. However, the presence of these chemicals in blood may not necessarily mean that you have been exposed to fuel oils.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) and the Air Force Office of Safety and Health (AFOSH) have set a permissible exposure level (PEL) of 400 parts of petroleum distillates per million parts of air (400 ppm) for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that average workplace air levels not exceed 350 milligrams of petroleum distillates per cubic meter of air (350 mg/m^3) for a 40-hour workweek.

The Department of Transportation (DOT) lists fuel oils as hazardous materials and, therefore, regulates their transportation.

Glossary

Carcinogenic: Able to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or a gas.

Hydrocarbon: Any compound made up of hydrogen and carbon.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for fuel oils. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Lead - ToxFAQs™

What is lead?

Lead is a metal found naturally in the earth's crust. It can be found in all parts of our environment, including air, water, and soil. Lead can combine with other chemicals to make different compounds.

Lead is used in the production of batteries, ammunition, and metal products (solder and pipes). Because of health concerns, the use of lead in paints, ceramic products, caulking, and pipe solder has been dramatically reduced. The use of lead as an additive to automobile gasoline was banned in 1996 in the United States.

What happens to lead in the environment?

- Lead is an element, so it does not break down.
- When lead is released into the air, it may be transported long distances before it lands and stays on the ground.
- Once on the ground, lead can often stick to soil particles.
- Lead in soil can get into groundwater, but the amount of lead that moves into groundwater will depend on the lead compound and soil type.

How can I be exposed to lead?

Lead can cause health problems in almost every organ and system in your body.

- Eating food or drinking water that contains lead.
- Drinking water from pipes that were soldered with lead can cause exposure.
- Spending time or living in homes with lead-based paints can result in exposure when the paint breaks down and forms dust, which can get on your hands, or into your mouth and nose and be swallowed.
- Spending time in areas where the soil is contaminated with lead.
- Working in a job where lead is used or participating in certain hobbies where lead is used, such as making stained glass.
- Using healthcare products from other countries, alternative treatments, or folk remedies.

How can lead affect my health?

The effects of lead are the same whether it enters the body by breathing it in or eating it. Lead can affect almost every organ and system in your body. The nervous system is the main target for lead poisoning in children and adults. Long-term exposure can result in decreased learning, memory, and attention, and weakness in fingers, wrists, or ankles. Lead exposure can cause anemia (low iron in the blood) and damage to the kidneys. It can also cause increases in blood pressure, particularly in middle-aged and older individuals. Exposure to high lead levels can severely damage the brain and kidneys and can cause death. In pregnant women, exposure to high levels of lead may cause a miscarriage. In men, it can cause damage to reproductive organs.

Lead

How can lead affect children?

Children are more vulnerable to lead poisoning than adults because their nervous system is still developing. Children can be exposed to lead in their environment and before birth from lead in their mother's body. At lower levels of exposure, lead can decrease mental development, especially learning, intelligence, and behavior. Physical growth may also be decreased. A child who swallows large amounts of lead may develop anemia, severe stomachache, muscle weakness, and brain damage. Exposure to lead during pregnancy can also result in premature births. Some effects of lead poisoning in a child may continue into adulthood.

Can lead cause cancer?

Several agencies and organizations both in the United States and internationally have reviewed studies and made an assessment about whether lead can cause cancer.

- The Department of Health and Human Services (HHS) has determined that lead and lead compounds are reasonably anticipated to be human carcinogens (causing cancer in people).
- The U.S. Environmental Protection Agency (EPA) has classified lead as a probable human carcinogen.
- The International Agency for Research on Cancer (IARC) has determined that inorganic lead is probably carcinogenic to humans, and that there is insufficient information to determine whether organic lead compounds will cause cancer in humans.

Can I get a medical test to check for lead?

A blood test is available to measure the amount of lead in your blood. Blood tests are commonly used to screen children for lead poisoning. Your doctor can draw blood samples and send them to appropriate laboratories for analysis. If you think you or anyone in your family has been exposed to lead, contact your doctor, nurse, or poison control center.

How can I protect my family from lead exposure?

- Avoid exposure to sources of lead.
- Do not allow children to chew or mouth surfaces that may have been painted with lead-based paint.
- If your home contains lead-based paint (built before 1978), or if you live in an area contaminated with lead, wash children's hands and faces often to remove lead dusts and soil, and regularly clean the house to remove lead dust and lead tracked in soil.
- Certain water pipes may contain lead, so if you know that pipes have lead solder, you should avoid drinking from that source.
- Check for lead in some products such as toys and jewelry and avoid such products.
- Lead is sometimes in candies imported from other countries or traditional home remedies; find out if yours has any lead and avoid using these products or giving them to children.
- You can learn more about preventing lead poisoning here: https://www.cdc.gov/nceh/lead/faqs/lead-faqs.htm

Want more information?

Call **CDC-INFO** at 1-800-232-4636, or submit your question online at https://wwwn.cdc.gov/dcs/ContactUs/Form

Go to ATSDR's Toxicological Profile for Lead

CDC Lead Poisoning Prevention Program https://www.cdc.gov/nceh/lead/default.htm

Environmental Protection Agency https://www.epa.gov/lead/protect-your-family-exposures-lead

Go to ATSDR's Toxic Substances Portal: https://wwwn.cdc.gov/TSP/index.aspx

If you have any more questions or concerns, you can also find & contact your ATSDR Regional Representative at http://www.atsdr.cdc.gov/DRO/dro_org.html

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

MANGANESE

CAS # 7439-96-5

Division of Toxicology and Environmental Medicine ToxFAQs™ **September 2008**

This fact sheet answers the most frequently asked health questions (FAQs) about manganese. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Manganese is a trace element and eating a small amount from food or water is needed to stay healthy. Exposure to excess levels of manganese may occur from breathing air, particularly where manganese is used in manufacturing, and from drinking water and eating food. At high levels, it can cause damage to the brain. Manganese has been found in at least 869 of the 1,669 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is manganese?

Manganese is a naturally occurring metal that is found in many types of rocks. Pure manganese is silver-colored, but does not occur naturally. It combines with other substances such as oxygen, sulfur, or chlorine. Manganese occurs naturally in most foods and may be added to some foods.

Manganese is used principally in steel production to improve hardness, stiffness, and strength. It may also be used as an additive in gasoline to improve the octane rating of the gas.

What happens to manganese when it enters the environment?

❑ Manganese can be released to the air, soil, and water from the manufacture, use, and disposal of manganese-based products.

❑ Manganese cannot break down in the environment. It can only change its form or become attached to or separated from particles.

❑ In water, manganese tends to attach to particles in the water or settle into the sediment.

❑ The chemical state of manganese and the type of soil determine how fast it moves through the soil and how much is retained in the soil.

❑ The manganese-containing gasoline additive may degrade in the environment quickly when exposed to sunlight, releasing manganese.

How might I be exposed to manganese?

❑ The primary way you can be exposed to manganese is by eating food or manganese-containing nutritional supplements. Vegetarians who consume foods rich in manganese such as grains, beans and nuts, as well as heavy tea drinkers, may have a higher intake of manganese than the average person.

❑ Certain occupations like welding or working in a factory where steel is made may increase your chances of being exposed to high levels of manganese.

❑ Manganese is routinely contained in groundwater, drinking water, and soil at low levels. Drinking water containing manganese or swimming or bathing in water containing manganese may expose you to low levels of this chemical.

How can manganese affect my health?

Manganese is an essential nutrient, and eating a small amount of it each day is important to stay healthy.

The most common health problems in workers exposed to high levels of manganese involve the nervous system. These health effects include behavioral changes and other nervous system effects, which include movements that may become slow and clumsy. This combination of symptoms when sufficiently severe is referred to as "manganism". Other less severe nervous system effects such as slowed hand movements have been observed in

some workers exposed to lower concentrations in the work place.

Nervous system and reproductive effects have been observed in animals after high oral doses of manganese.

How likely is manganese to cause cancer?

The EPA concluded that existing scientific information cannot determine whether or not excess manganese can cause cancer.

How can manganese affect children?

Studies in children have suggested that extremely high levels of manganese exposure may produce undesirable effects on brain development, including changes in behavior and decreases in the ability to learn and remember. We do not know for certain that these changes were caused by manganese alone. We do not know if these changes are temporary or permanent. We do not know whether children are more sensitive than adults to the effects of manganese, but there is some indication from experiments in laboratory animals that they may be.

Studies of manganese workers have not found increases in birth defects or low birth weight in their offspring. No birth defects were observed in animals exposed to manganese.

How can families reduce the risks of exposure to manganese?

❏ Children are not likely to be exposed to harmful amounts of manganese in the diet. However, higher-than-usual amounts of manganese may be absorbed if their diet is low in iron. It is important to provide your child with a well-balanced diet.

❏ Workers exposed to high levels of airborne manganese in certain occupational settings may accumulate manganese dust on their work clothes. Manganese-contaminated work clothing should be removed before getting into your car or entering your home to help reduce the exposure hazard for yourself and your family.

Is there a medical test to determine whether I've been exposed to manganese?

Several tests are available to measure manganese in blood, urine, hair, or feces. Because manganese is normally present in our body, some is always found in tissues or fluids.

Because excess manganese is usually removed from the body within a few days, past exposures are difficult to measure with common laboratory tests.

Has the federal government made recommendations to protect human health?

The EPA has determined that exposure to manganese in drinking water at concentrations of 1 mg/L for up to 10 days is not expected to cause any adverse effects in a child.

The EPA has established that lifetime exposure to 0.3 mg/L manganese is not expected to cause any adverse effects.

The FDA has determined that the manganese concentration in bottled drinking water should not exceed 0.05 mg/L.

The Occupational Health and Safety Administration (OSHA) has established a ceiling limit (concentration that should not be exceeded at any time during exposure) of 5 mg/m^3 for manganese in workplace air.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2008. Toxicological Profile for Manganese (Draft for Public Comment). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Environmental Medicine, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-800-232-4636, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Mercury - ToxFAQs™

What is mercury?

Mercury is a naturally occurring element with a chemical symbol of Hg. Elemental mercury is a silver liquid at room temperature that can also evaporate into the air as a gas or become a solid at very low temperatures. It can combine with other substances to form solid compounds that are categorized into two groups: inorganic mercury salts and organic mercury compounds. Mercury and mercury compounds are odorless.

Mercury is used in a number of industries and products. It is primarily used in the manufacture of electronics, fluorescent-lighting, and production of chlorine-caustic soda. It is also used in dental products (fillings), although uses in dentistry are being phased-out. Other historical uses of mercury (batteries; thermometers and other scientific and medical devices; electronic switches and lighting applications; paints and pigments; fungicides and pesticides) have been eliminated or drastically reduced.

What happens to mercury in the environment?

Because mercury is a naturally occurring element, it can be found in the air, water, or soil. It can also be found in the environment due to industrial releases to air and water. Industrial releases to air have steadily decreased over the past few decades.

Mercury does not break down in the environment. In air, mercury may spread far from where it was released. Mercury seldom appears as a silver liquid in the environment. In water, mercury can evaporate into the air. In soil, it can adhere (stick) to soil and sediments (dirt deposits at the bottom of bodies of water). One type of organic mercury compound called methylmercury can build up in plants and fish.

How can I be exposed to mercury?

Most people are exposed to organic mercury compounds (typically methylmercury) in food (such as fish, seafood, rice) or to elemental mercury from dental fillings. Food is the most common form of exposure. Most people are not exposed to inorganic mercury salts. Industrial and dental workers who use mercury are primarily exposed to elemental mercury. Some cultures use mercury in traditional medicines or religious practices, although this is not recommended or approved for use in the United States.

How can mercury affect my health?

Mercury can affect the nervous system and kidneys. The health effects from exposure to mercury depend on a number of factors including the amount and form of mercury, route and length of exposure, and age.

All forms of mercury can affect the nervous system and the kidneys. Workers exposed to elemental mercury vapor and people who eat foods with high levels of methylmercury experienced tremors, incoordination, impaired vision, impaired learning and memory, and mood changes. Some children born in communities that ate food with high levels of organic mercury had learning, sensory, and movement problems. In people exposed to high levels of methylmercury in their diets, birth defects have occurred. Some humans and animals that ate mercury compounds had high blood pressure and alterations in their immune systems. Animals that breathed elemental mercury vapor or ate organic or inorganic mercury compounds in their diets showed nervous system effects and/or kidney damage. Animals that ate high levels of mercury compounds showed decreased fertility and/or birth defects.

Mercury

Can mercury cause cancer?

Rats that ate an inorganic mercury compound for a long period of time developed stomach or thyroid cancer. Rats and mice that ate organic mercury compounds for a long period of time developed kidney cancer.

The U.S. Department of Health and Human Services (DHHS) has not evaluated the potential of mercury or mercury compounds to cause cancer in people.

The U.S. Environmental Protection Agency (EPA) has determined that mercuric chloride (inorganic mercury salt) and methylmercury (organic mercury compound) are possible human carcinogens (cause cancer). The EPA did not classify the potential of elemental mercury to cause cancer in humans.

The International Agency for Research on Cancer (IARC) classified methylmercury compounds as possibly carcinogenic to humans. IARC designated inorganic mercury and elemental mercury as not classifiable for causing cancer in humans.

Can I get a medical test to check for mercury?

Mercury can be measured in your blood, urine, hair, or toenails. However, tests cannot determine which form of mercury you were exposed to. Tests also cannot predict whether you will have health problems. If you think you have been exposed to mercury, call your doctor, nurse, or poison control center.

How can I protect myself and my family from mercury?

People should avoid eating fish that contain high levels of methylmercury. This is particularly important for pregnant women and children. Follow your state's health advisories that tell you about whether it is okay to eat fish or wildlife caught in contaminated areas. Avoid all contact with spills of the liquid form of elemental mercury (the type of mercury found in old thermometers). If a spill occurs, refer to https://www.atsdr.cdc.gov/dontmesswithmercury for safe clean-up practices. Most people don't need to take any special steps to avoid exposure to inorganic mercury salts in their daily lives. Keep children from playing in areas near hazardous waste sites to avoid coming in contact with mercury.

For more information:

Call **CDC-INFO** at 1-800-232-4636, or submit your question online at https://wwwn.cdc.gov/dcs/ContactUs/Form

Go to ATSDR's Toxicological Profile for mercury: https://wwwn.cdc.gov/TSP/ToxProfiles/ToxProfiles.aspx?id=115&tid=24

Go to ATSDR's Toxic Substances Portal: https://wwwn.cdc.gov/TSP/index.aspx

Find & contact your ATSDR Regional Representative at http://www.atsdr.cdc.gov/DRO/dro_org.html

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

METHYL *TERT*-BUTYL ETHER (MTBE) CAS # 1634-04-4

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1997**

This fact sheet answers the most frequently asked health questions (FAQs) about methyl *tert*-butyl ether (MTBE). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Methyl *tert*-butyl ether (MTBE) is a flammable liquid which is used as an additive in unleaded gasoline. Drinking or breathing MTBE may cause nausea, nose and throat irritation, and nervous system effects. MTBE has been found in at least 11 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is methyl *tert*-butyl ether?

(Pronounced měthʹəl tūrʹshē-ĕrʹē byo͞otʹl ēʹthər)

Methyl *tert*-butyl ether (MTBE) is a flammable liquid with a distinctive, disagreeable odor. It is made from blending chemicals such as isobutylene and methanol, and has been used since the 1980s as an additive for unleaded gasolines to achieve more efficient burning.

MTBE is also used to dissolve gallstones. Patients treated in this way have MTBE delivered directly to their gall bladders through special tubes that are surgically inserted.

What happens to MTBE when it enters the environment?

- MTBE quickly evaporates from open containers and surface water, so it is commonly found as a vapor in the air.
- Small amounts of MTBE may dissolve in water and get into underground water.
- It remains in underground water for a long time.
- MTBE may stick to particles in water, which will cause it to eventually settle to the bottom sediment.
- MTBE may be broken down quickly in the air by sunlight.
- MTBE does not build up significantly in plants and animals.

How might I be exposed to MTBE?

- Touching the skin or breathing contaminated air while pumping gasoline.
- Breathing exhaust fumes while driving a car.
- Breathing air near highways or in cities.
- Drinking, swimming, or showering in water that has been contaminated with MTBE.
- Receiving MTBE treatment for gallstones.

How can MTBE affect my health?

Breathing small amounts of MTBE for short periods may cause nose and throat irritation. Some people exposed to MTBE while pumping gasoline, driving their cars, or working

in gas stations have reported having headaches, nausea, dizziness, and mental confusion. However, the actual levels of exposure in these cases are unknown. In addition, these symptoms may have been caused by exposure to other chemicals.

There are no data on the effects in people of drinking MTBE. Studies with rats and mice suggest that drinking MTBE may cause gastrointestinal irritation, liver and kidney damage, and nervous system effects.

How likely is MTBE to cause cancer?

There is no evidence that MTBE causes cancer in humans. One study with rats found that breathing high levels of MTBE for long periods may cause kidney cancer. Another study with mice found that breathing high levels of MTBE for long periods may cause liver cancer.

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified MTBE as to its carcinogenicity.

Is there a medical test to show whether I've been exposed to MTBE?

MTBE and its breakdown product, butyl alcohol, can be detected in your breath, blood, or urine for up to 1 or 2 days after exposure. These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment. There is no other test specific to determining MTBE exposure.

Has the federal government made recommendations to protect human health?

The EPA has issued guidelines recommending that, to protect children, drinking water levels of MTBE not exceed 4 milligrams per liter of water (4 mg/L) for an exposure of 1-10 days, and 3 mg/L for longer-term exposures.

The American Conference of Governmental Industrial Hygienists (ACGIH) has recommended an exposure limit of 40 parts of MTBE per million parts of air (40 ppm) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or gas.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for Methyl *tert*-Butyl Ether produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Polycyclic Aromatic Hydrocarbons (PAHs) - ToxFAQs™

This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List (NPL) sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl′ĭ-sī′klĭk ăr′ə-măt′ĭk hī′drə-kar′bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.
- PAHs enter water through discharges from industrial and wastewater treatment plants.
- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smokehouses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.
- Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

Polycyclic Aromatic Hydrocarbons

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m^3 averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m^3 for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636.

ToxFAQs™ Internet address via WWW is http://www.atsdr.cdc.gov/toxfaqs/index.asp.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Tetrachloroethylene - ToxFAQs™

CAS # 127-18-4

This fact sheet answers the most frequently asked health questions (FAQs) about tetrachloroethylene. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Tetrachloroethylene is a manufactured chemical used for dry cleaning and metal degreasing and in the aerospace industry. Exposure to very high concentrations of tetrachloroethylene can cause dizziness headaches, sleepiness, incoordination confusion, nausea, unconsciousness, and even death. Tetrachloroethylene has been found in at least 949 of the 1,854 National Priorities List sites identified by U.S. Environmental Protection Agency (EPA).

What is tetrachloroethylene?

Tetrachloroethylene is a nonflammable colorless liquid. Other names for tetrachloroethylene include perchloroethylene, PCE, perc, tetrachloroethene, and perchlor. Most people can smell tetrachloroethylene when it is present in the air at a level of 1 part in 1 million parts of air (1 ppm) or more.

Tetrachloroethylene is used as a dry cleaning agent and metal degreasing solvent. It is also used as a starting material (building block) for making other chemicals and is used in some consumer products.

What happens to tetrachloroethylene when it enters the environment?

- Tetrachloroethylene can be released into air, water, and soil at places where it is produced or used.
- Tetrachloroethylene breaks down very slowly in the air and so it can be transported long distances in the air. Half of the amount in the air will degrade in approximately 100 days.
- Tetrachloroethylene evaporates quickly from water into air. It is generally slow to break down in water.
- Tetrachloroethylene may evaporate quickly from shallow soils or may filter through the soil and into the groundwater below. It is generally slow to break down in soil.

How might I be exposed to tetrachloroethylene?

- When you bring clothes from the dry cleaners, they will release small amounts of tetrachloroethylene into the air.
- When you drink water containing tetrachloroethylene, you are exposed to it. You might also be exposed to tetrachloroethylene that is released into the air during showering and bathing.
- People residing near contaminated sites or dry cleaning locations may be exposed to higher levels than the general population.
- People working in the dry cleaning industries or using metal degreasing products may be exposed to elevated levels of tetrachloroethylene.

How can tetrachloroethylene affect my health?

Breathing high levels of tetrachloroethylene for a brief period may cause dizziness or drowsiness, headache, and incoordination; higher levels may cause unconsciousness and even death.

Exposure for longer periods to low levels of tetrachloroethylene may cause changes in mood, memory, attention, reaction time, and vision.

Studies in animals exposed to tetrachloroethylene have shown liver and kidney effects, and changes in brain chemistry, but we do not know what these findings mean for humans.

Tetrachloroethylene

CAS # 127-18-4

How likely is tetrachloroethylene to cause cancer?

Studies in humans suggest that exposure to tetrachloroethylene might lead to a higher risk of getting bladder cancer, multiple myeloma, or non-Hodgkin's lymphoma.

In animals, tetrachloroethylene has been shown to cause cancers of the liver, kidney, and blood system.

The Department of Health and Human Services (DHHS) considers tetrachloroethylene to be reasonably anticipated to be a human carcinogen. EPA considers tetrachloroethylene likely to be carcinogenic to humans by all routes of exposure. The International Agency for Research on Cancer (IARC) considers tetrachloroethylene probably carcinogenic to humans.

How can tetrachloroethylene affect children?

It is not known whether children are more susceptible than adults to the effects of tetrachloroethylene.

A few studies in humans have suggested that exposure to tetrachloroethylene increased the numbers of babies with birth defects, but these studies were not large enough to clearly answer the question. Studies in animals exposed by inhalation or stomach tube have not shown clear evidence of specific birth defects.

How can families reduce the risk of exposure to tetrachloroethylene?

- Tetrachloroethylene has been found in low levels in some food. You can minimize the risk of your family's exposure by peeling and thoroughly washing fruits and vegetables before cooking.
- Use bottled water if you have concerns about the presence of tetrachloroethylene in your tap water. You may also contact local drinking water authorities and follow their advice.
- Prevent children from playing in dirt or eating dirt if you live near a waste site that has tetrachloroethylene.
- Tetrachloroethylene is widely used as a scouring solvent that removes oils from fabrics, as a carrier solvent, as a fabric finish or water repellant, and as a metal degreaser/cleaner. Follow instructions on product labels to minimize exposure to tetrachloroethylene.

Is there a medical test to determine whether I've been exposed to tetrachloroethylene?

Tetrachloroethylene and its breakdown products (metabolites) can be measured in blood and urine. However, the detection of tetrachloroethylene or its metabolites cannot predict the kind of health effects that might develop from that exposure. Because tetrachloroethylene and its metabolites leave the body fairly rapidly, the tests need to be conducted within days after exposure.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set an 8-hour time weighted average permissible exposure limit of 100 ppm, an acceptable ceiling exposure limit of 200 ppm, and a maximum peak of 300 ppm (not to be exceeded for more than 5 minutes of any 3-hour period).

The National Institute for Occupational Safety and Health (NIOSH) recommends that workplace exposure to tetrachloroethylene be minimized due to concerns about its carcinogenicity.

Reference

This ToxFAQs™ information is taken from the 2019 Toxicological Profile for Tetrachloroethylene produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ on the web: www.atsdr.cdc.gov/ToxFAQs

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Toluene - ToxFAQs™

What is toluene?

Toluene is a clear, colorless liquid with a distinctive smell. It occurs naturally in crude oil and in the tolú tree. Toluene is produced in the process of making gasoline and other fuels from crude oil and in making coke from coal.

Toluene is a good solvent (a substance that can dissolve other substances). It is used in making paints, paint thinners, fingernail polish, lacquers, adhesives, and rubber and in some printing and leather tanning processes. Toluene is also used in the manufacture of other chemicals, nylon, and plastics. It is also added to gasoline along with benzene and xylene to improve octane ratings.

What happens to toluene in the environment?

Toluene can enter the air from car exhaust or when materials that contain it (such as paints or fingernail polish) are used. It can get into surface waters (like lakes and streams), groundwater, or soil if solvents or petroleum products are accidently spilled, or from leaking underground storage tanks at gasoline stations and other facilities. When toluene-containing products are placed in landfills or waste disposal sites, toluene can enter the soil or water near the waste site.

Toluene does not usually stay in the environment long. In surface water or soil, it will readily evaporate into the air or be degraded by bacteria. In the air, toluene rapidly breaks down by reacting with other chemicals or oxygen in the air. Below the surface, microorganisms will break down toluene.

How can I be exposed to toluene?

You may be exposed to toluene by breathing contaminated air or touching products that contain this chemical. Car exhaust contains toluene; therefore, if you spend time in or near vehicles or traffic, you may be exposed to this chemical. People who work with gasoline, paint, or dyes may be exposed to higher levels of toluene than most people.

Toluene is not frequently detected in drinking water or food. People that abuse (inhale) certain products such as glue or paint thinner can be exposed to toluene.

How can toluene affect my health?

Toluene may affect the nervous system. Low to moderate levels can cause headaches, dizziness, tiredness, confusion, weakness, drunken-type actions, memory loss, nausea, and loss of appetite. These symptoms usually disappear when exposure stops.

Toluene can be found in gasoline products, paints, stain removers, and fingernail polish. Breathing toluene can cause headaches, dizziness, and nausea.

Long-term daily exposure to toluene in the workplace may cause some hearing and color vision loss. Repeatedly breathing toluene from glue or paint thinners may permanently damage the brain.

Exposure to high levels of toluene during pregnancy, such as those associated with solvent abuse, may lead to developmental effects, such as reduced mental abilities and growth in children.

In animal studies, the effects of toluene were similar to those seen in humans. In addition, it was found that animals that drank toluene also had decreased immune responses.

Toluene

Can toluene cause cancer?

Studies in workers and animals exposed to toluene generally show that toluene does not cause cancer.

The U.S. Department of Health and Human Services (DHHS) has not evaluated the carcinogenicity (ability to cause cancer) of toluene.

The U.S. Environmental Protection Agency (EPA) has determined that there is inadequate information to assess the carcinogenicity of toluene.

The International Agency for Research on Cancer (IARC) has determined that toluene is not classifiable as to its carcinogenicity in humans.

Can I get a medical test to check for toluene?

Toluene and its breakdown products can be measured in blood and urine. These tests are only useful if done within several days after exposure. These tests cannot predict whether you will have health problem from exposure to toluene.

How can I protect myself and my family from toluene?

To reduce exposure to toluene, you should use products that contain it (such as paints, nail polish, glues, inks, and stain removers) in well-ventilated areas. When not in use, these products should be tightly covered to prevent evaporation into the air and, if possible, stored in a shed or an outside location. Always store household chemicals in their original labeled containers.

Have your tap water tested if you are concerned it may have toluene and, if necessary, take steps to protect yourself. Keep children from eating or playing in the dirt if you live near a waste site.

Sometimes, older children sniff household chemicals in an attempt to get high. Talk with children about the dangers of sniffing chemicals.

For more information:

Call **CDC-INFO** at 1-800-232-4636, or submit your question online at https://wwwn.cdc.gov/dcs/ContactUs/Form

Go to ATSDR's Toxicological Profile for Toluene: https://wwwn.cdc.gov/TSP/ToxProfiles/ToxProfiles.aspx?id=161&tid=29

Go to ATSDR's Toxic Substances Portal: https://wwwn.cdc.gov/TSP/index.aspx

Find & contact your ATSDR Regional Representative at http://www.atsdr.cdc.gov/DRO/dro_org.html

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

NICKEL

CAS # 7440-02-0

Division of Toxicology ToxFAQs™ **August 2005**

This fact sheet answers the most frequently asked health questions (FAQs) about nickel. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Nickel is a naturally occurring element. Pure nickel is a hard, silvery-white metal used to make stainless steel and other metal alloys. Skin effects are the most common effects in people who are sensitive to nickel. Workers who breathed very large amounts of nickel compounds developed chronic bronchitis and lung and nasal sinus cancers. Nickel has been found in at least 882 of the 1,662 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is nickel?

Nickel is a very abundant natural element. Pure nickel is a hard, silvery-white metal. Nickel can be combined with other metals, such as iron, copper, chromium, and zinc, to form alloys. These alloys are used to make coins, jewelry, and items such as valves and heat exchangers. Most nickel is used to make stainless steel.

Nickel can combine with other elements such as chlorine, sulfur, and oxygen to form nickel compounds. Many nickel compounds dissolve fairly easy in water and have a green color. Nickel compounds are used for nickel plating, to color ceramics, to make some batteries, and as substances known as catalysts that increase the rate of chemical reactions. Nickel is found in all soil and is emitted from volcanoes. Nickel is also found in meteorites and on the ocean floor. Nickel and its compounds have no characteristic odor or taste.

What happens to nickel when it enters the environment?

❏ Nickel is released into the atmosphere by industries that make or use nickel, nickel alloys, or nickel compounds. It is also released into the atmosphere by oil-burning power plants, coal-burning power plants, and trash incinerators.

❏ In the air, it attaches to small particles of dust that settle to the ground or are taken out of the air in rain or snow; this usually takes many days.

❏ Nickel released in industrial waste water ends up in soil or sediment where it strongly attaches to particles containing iron or manganese.

❏ Nickel does not appear to accumulate in fish or in other animals used as food.

How might I be exposed to nickel?

❏ By eating food containing nickel, which is the major source of exposure for most people.

❏ By skin contact with soil, bath or shower water, or metals containing nickel, as well as by handling coins or touching jewelry containing nickel.

❏ By drinking water that contains small amounts of nickel.

❏ By breathing air or smoking tobacco containing nickel.

❏ Higher exposure may occur if you work in industries that process or use nickel.

How can nickel affect my health?

The most common harmful health effect of nickel in humans is an allergic reaction. Approximately 10-20% of the population is sensitive to nickel. People can become sensitive to nickel when jewelry or other things containing it are in direct contact with the skin for a long time. Once a person is sensitized to nickel, further contact with the metal may produce a reaction. The most common reaction is a skin rash at the site of contact. The skin rash may also

occur at a site away from the site of contact. Less frequently, some people who are sensitive to nickel have asthma attacks following exposure to nickel. Some sensitized people react when they consume food or water containing nickel or breathe dust containing it.

People working in nickel refineries or nickel-processing plants have experienced chronic bronchitis and reduced lung function. These persons breathed amounts of nickel much higher than levels found normally in the environment.

Workers who drank water containing high amounts of nickel had stomach ache and suffered adverse effects to their blood and kidneys.

Damage to the lung and nasal cavity has been observed in rats and mice breathing nickel compounds. Eating or drinking large amounts of nickel has caused lung disease in dogs and rats and has affected the stomach, blood, liver, kidneys, and immune system in rats and mice, as well as their reproduction and development.

How likely is nickel to cause cancer?

Cancers of the lung and nasal sinus have resulted when workers breathed dust containing high levels of nickel compounds while working in nickel refineries or nickel processing plants. The Department of Health and Human Services (DHHS) has determined that nickel metal may reasonably be anticipated to be a carcinogen and that nickel compounds are known human carcinogens. The International Agency for Research on Cancer (IARC) has determined that some nickel compounds are carcinogenic to humans and that metallic nickel may possibly be carcinogenic to humans. The EPA has determined that nickel refinery dust and nickel subsulfide are human carcinogens.

How can nickel affect children?

It is likely that the health effects seen in children exposed to nickel will be similar to those seen in adults. We do not know whether children differ from adults in their susceptibility to nickel. Human studies that examined whether nickel can harm the fetus are inconclusive. Animal studies have found increases in newborn deaths and decreased newborn weight after ingesting very high amounts of nickel. Nickel can be transferred from the mother to an infant in breast milk and can cross the placenta.

How can families reduce the risks of exposure to nickel?

❑ Avoiding jewelry containing nickel will eliminate risks of exposure to this source of the metal.

❑ Exposures of the general population from other sources, such as foods and drinking water, are almost always too low to be of concern.

Is there a medical test to determine whether I've been exposed to nickel?

There are tests available to measure nickel in your blood, feces, and urine. More nickel was measured in the urine of workers who were exposed to nickel compounds that dissolve easily in water than in the urine of workers exposed to nickel compounds that are hard to dissolve. This means that it is easier to tell if you have been exposed to soluble nickel compounds than less-soluble compounds. The nickel measurements do not accurately predict potential health effects from exposure to nickel.

Has the federal government made recommendations to protect human health?

The EPA recommends that drinking water should contain no more than 0.1 milligrams of nickel per liter of water (0.1 mg/L). To protect workers, the Occupational Safety and Health Administration (OSHA) has set a limit of 1 mg of nickel per cubic meter of air (1 mg/m^3) for metallic nickel and nickel compounds in workplace air during an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2005. Toxicological Profile for Nickel (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Trichloroethylene - ToxFAQs™

CAS # 79-01-6

This fact sheet answers the most frequently asked health questions (FAQs) about trichloroethylene. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Trichloroethylene is used as a solvent for cleaning metal parts. Exposure to very high concentrations of trichloroethylene can cause dizziness headaches, sleepiness, incoordination, confusion, nausea, unconsciousness, and even death. Trichloroethylene has been found in at least 1,051 of the 1,854 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is trichloroethylene?

Trichloroethylene is a colorless, volatile liquid. Liquid trichloroethylene evaporates quickly into the air. It is nonflammable and has a sweet odor.

The two major uses of trichloroethylene are as a solvent to remove grease from metal parts and as a chemical that is used to make other chemicals, especially the refrigerant, HFC-134a.

What happens to trichloroethylene when it enters the environment?

- Trichloroethylene can be released to air, water, and soil at places where it is produced or used.
- Trichloroethylene is broken down quickly in air.
- Trichloroethylene breaks down very slowly in soil and water and is removed mostly through evaporation to air.
- It is expected to remain in groundwater for long time since it is not able to evaporate.
- Trichloroethylene does not build up significantly in plants or animals.

How might I be exposed to trichloroethylene?

- Breathing trichloroethylene in contaminated air.
- Drinking contaminated water.
- Workers at facilities using this substance for metal degreasing are exposed to higher levels of trichloroethylene.
- If you live near such a facility or near a hazardous waste site containing trichloroethylene, you may also have higher exposure to this substance.

How can trichloroethylene affect my health?

Trichloroethylene was once used as an anesthetic for surgery. Exposure to moderate amounts of trichloroethylene may cause headaches, dizziness, and sleepiness; large amounts may cause coma and even death. Eating or breathing high levels of trichloroethylene may damage some of the nerves in the face. Exposure to high levels can also result in changes in the rhythm of the heartbeat, liver damage, and evidence of kidney damage. Skin contact with concentrated solutions of trichloroethylene can cause skin rashes. There is some evidence exposure to trichloroethylene in the work place may cause scleroderma (a systemic autoimmune disease) in some people. Some men occupationally-exposed to trichloroethylene and other chemicals showed decreases in sex drive, sperm quality, and reproductive hormone levels.

How likely is trichloroethylene to cause cancer?

There is strong evidence that trichloroethylene can cause kidney cancer in people and some evidence for trichloroethylene-induced liver cancer and malignant lymphoma. Lifetime exposure to trichloroethylene resulted in increased liver cancer in mice and increased kidney cancer and testicular cancer in rats.

The Department of Health and Human Services (DHHS) considers trichloroethylene to be a known human carcinogen. The International Agency for Research on Cancer (IARC) classified trichloroethylene as carcinogenic to humans. The EPA has characterized trichloroethylene as carcinogenic to humans by all routes of exposure.

Trichloroethylene

CAS # 79-01-6

How can trichloroethylene affect children?

It is not known whether children are more susceptible than adults to the effects of trichloroethylene.

Some human studies indicate that trichloroethylene may cause developmental effects such as spontaneous abortion, congenital heart defects, central nervous system defects, and small birth weight. However, these people were exposed to other chemicals as well.

In some animal studies, exposure to trichloroethylene during development caused decreases in body weight, increases in heart defects, changes to the developing nervous system, and effects on the immune system.

How can families reduce the risk of exposure to trichloroethylene?

- Avoid drinking water from sources that are known to be contaminated with trichloroethylene. Use bottled water if you have concerns about the presence of chemicals in your tap water. You may also contact local drinking water authorities and follow their advice.
- Prevent children from playing in dirt or eating dirt if you live near a waste site that has trichloroethylene.
- Trichloroethylene is used in many industrial products. Follow instructions on product labels to minimize exposure to trichloroethylene.

Is there a medical test to determine whether I've been exposed to trichloroethylene?

Trichloroethylene and its breakdown products (metabolites) can be measured in blood and urine. However, the detection of trichloroethylene or its metabolites cannot predict the kind of health effects that might develop from that exposure. Because trichloroethylene and its metabolites leave the body fairly rapidly, the tests need to be conducted within days after exposure.

Has the federal government made recommendations to protect human health?

The EPA set a maximum contaminant goal (MCL) of 0.005 milligrams per liter (mg/L; 5 ppb) as a national primary drinking standard for trichloroethylene.

The Occupational Safety and Health Administration (OSHA) set a permissible exposure limit (PEL) of 100 ppm for trichloroethylene in air averaged over an 8-hour work day, an acceptable ceiling concentration of 200 ppm provided the 8 hour PEL is not exceeded, and an acceptable maximum peak of 300 ppm for a maximum duration of 5 minutes in any 2 hours.

The National Institute for Occupational Safety and Health (NIOSH) considers trichloroethylene to be a potential occupational carcinogen and established a recommended exposure limit (REL) of 2 ppm (as a 60-minute ceiling) during its use as an anesthetic agent and 25 ppm (as a 10-hour TWA) during all other exposures.

Reference

This ToxFAQs™ information is taken from the 2019 Toxicological Profile for Trichloroethylene produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ on the web: www.atsdr.cdc.gov/ToxFAQs

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

XYLENE
CAS # 1330-20-7

This fact sheet answers the most frequently asked health questions (FAQs) about xylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to xylene occurs in the workplace and when you use paint, gasoline, paint thinners and other products that contain it. People who breathe high levels may have dizziness, confusion, and a change in their sense of balance. This substance has been found in at least 658 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is xylene?

(Pronounced zī′lēn)

Xylene is a colorless, sweet-smelling liquid that catches on fire easily. It occurs naturally in petroleum and coal tar and is formed during forest fires. You can smell xylene in air at 0.08–3.7 parts of xylene per million parts of air (ppm) and begin to taste it in water at 0.53–1.8 ppm.

Chemical industries produce xylene from petroleum. It's one of the top 30 chemicals produced in the United States in terms of volume.

Xylene is used as a solvent and in the printing, rubber, and leather industries. It is also used as a cleaning agent, a thinner for paint, and in paints and varnishes. It is found in small amounts in airplane fuel and gasoline.

What happens to xylene when it enters the environment?

- Xylene has been found in waste sites and landfills when discarded as used solvent, or in varnish, paint, or paint thinners.
- It evaporates quickly from the soil and surface water into the air.
- In the air, it is broken down by sunlight into other less harmful chemicals.
- It is broken down by microorganisms in soil and water.
- Only a small amount of it builds up in fish, shellfish, plants, and animals living in xylene-contaminated water.

How might I be exposed to xylene?

- Breathing xylene in workplace air or in automobile exhaust.
- Breathing contaminated air.
- Touching gasoline, paint, paint removers, varnish, shellac, and rust preventatives that contain it.
- Breathing cigarette smoke that has small amounts of xylene in it.
- Drinking contaminated water or breathing air near waste sites and landfills that contain xylene.
- The amount of xylene in food is likely to be low.

How can xylene affect my health?

Xylene affects the brain. High levels from exposure for short periods (14 days or less) or long periods (more than 1 year) can cause headaches, lack of muscle coordination, dizziness, confusion, and changes in one's sense of balance. Exposure of

people to high levels of xylene for short periods can also cause irritation of the skin, eyes, nose, and throat; difficulty in breathing; problems with the lungs; delayed reaction time; memory difficulties; stomach discomfort; and possibly changes in the liver and kidneys. It can cause unconsciousness and even death at very high levels.

Studies of unborn animals indicate that high concentrations of xylene may cause increased numbers of deaths, and delayed growth and development. In many instances, these same concentrations also cause damage to the mothers. We do not know if xylene harms the unborn child if the mother is exposed to low levels of xylene during pregnancy.

How likely is xylene to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that xylene is not classifiable as to its carcinogenicity in humans.

Human and animal studies have not shown xylene to be carcinogenic, but these studies are not conclusive and do not provide enough information to conclude that xylene does not cause cancer.

Is there a medical test to show whether I've been exposed to xylene?

Laboratory tests can detect xylene or its breakdown products in exhaled air, blood, or urine. There is a high degree of agreement between the levels of exposure to xylene and the levels of xylene breakdown products in the urine. However, a urine sample must be provided very soon after exposure ends because xylene quickly leaves the body. These tests are not routinely available at your doctor's office.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 10 ppm of xylene in drinking water.

The EPA requires that spills or accidental releases of xylenes into the environment of 1,000 pounds or more must be reported.

The Occupational Safety and Health Administration (OSHA) has set a maximum level of 100 ppm xylene in workplace air for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) and the American Conference of Governmental Industrial Hygienists (ACGIH) also recommend exposure limits of 100 ppm in workplace air.

NIOSH has recommended that 900 ppm of xylene be considered immediately dangerous to life or health. This is the exposure level of a chemical that is likely to cause permanent health problems or death.

Glossary

Evaporate: To change from a liquid into a vapor or a gas.

Carcinogenic: Having the ability to cause cancer.

CAS: Chemical Abstracts Service.

ppm: Parts per million.

Solvent: A liquid that can dissolve other substances.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for xylenes (update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ZINC
CAS # 7440-66-6

Division of Toxicology ToxFAQs™ **August 2005**

This fact sheet answers the most frequently asked health questions (FAQs) about zinc. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Zinc is a naturally occurring element. Exposure to high levels of zinc occurs mostly from eating food, drinking water, or breathing workplace air that is contaminated. Low levels of zinc are essential for maintaining good health. Exposure to large amounts of zinc can be harmful. It can cause stomach cramps, anemia, and changes in cholesterol levels. Zinc has been found in at least 985 of the 1,662 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is zinc?

Zinc is one of the most common elements in the earth's crust. It is found in air, soil, and water, and is present in all foods. Pure zinc is a bluish-white shiny metal.

Zinc has many commercial uses as coatings to prevent rust, in dry cell batteries, and mixed with other metals to make alloys like brass, and bronze. A zinc and copper alloy is used to make pennies in the United States.

Zinc combines with other elements to form zinc compounds. Common zinc compounds found at hazardous waste sites include zinc chloride, zinc oxide, zinc sulfate, and zinc sulfide. Zinc compounds are widely used in industry to make paint, rubber, dyes, wood preservatives, and ointments.

What happens to zinc when it enters the environment?

❏ Some is released into the environment by natural processes, but most comes from human activities like mining, steel production, coal burning, and burning of waste.
❏ It attaches to soil, sediments, and dust particles in the air.
❏ Rain and snow remove zinc dust particles from the air.
❏ Depending on the type of soil, some zinc compounds can move into the groundwater and into lakes, streams, and rivers.
❏ Most of the zinc in soil stays bound to soil particles and does not dissolve in water.
❏ It builds up in fish and other organisms, but it does not build up in plants.

How might I be exposed to zinc?

❏ Ingesting small amounts present in your food and water.
❏ Drinking contaminated water or a beverage that has been stored in metal containers or flows through pipes that have been coated with zinc to resist rust.
❏ Eating too many dietary supplements that contain zinc.
❏ Working on any of the following jobs: construction, painting, automobile mechanics, mining, smelting, and welding; manufacture of brass, bronze, or other zinc-containing alloys; manufacture of galvanized metals; and manufacture of machine parts, rubber, paint, linoleum, oilcloths, batteries, some kind of glass, ceramics, and dyes.

How can zinc affect my health?

Zinc is an essential element in our diet. Too little zinc can cause problems, but too much zinc is also harmful.

Harmful effects generally begin at levels 10-15 times higher than the amount needed for good health. Large doses taken by mouth even for a short time can cause stomach cramps, nausea, and vomiting. Taken longer, it can cause anemia and decrease the levels of your good cholesterol. We do not know if high levels of zinc affect reproduction in humans. Rats that were fed large amounts of zinc became infertile.

Inhaling large amounts of zinc (as dusts or fumes) can cause a specific short-term disease called metal fume fever. We do not know the long-term effects of breathing high levels of zinc.

Putting low levels of zinc acetate and zinc chloride on the skin of rabbits, guinea pigs, and mice caused skin irritation. Skin irritation will probably occur in people.

How likely is zinc to cause cancer?

The Department of Health and Human Services (DHHS) and the International Agency for Research on Cancer (IARC) have not classified zinc for carcinogenicity. Based on incomplete information from human and animal studies, the EPA has determined that zinc is not classifiable as to its human carcinogenicity.

How can zinc affect children?

Zinc is essential for proper growth and development of young children. It is likely that children exposed to very high levels of zinc will have similar effects as adults. We do not know whether children are more susceptible to the effects of excessive intake of zinc than the adults.

We do not know if excess zinc can cause developmental effects in humans. Animal studies have found decreased weight in the offspring of animals that ingested very high amounts of zinc.

How can families reduce the risks of exposure to zinc?

❑ Children living near waste sites that contain zinc may be exposed to higher levels of zinc through breathing contaminated air, drinking contaminated drinking water, touching or eating contaminated soil.

❑ Discourage your children from eating soil or putting their hands in their mouths and teach them to wash their hands frequently and before eating.

❑ If you use medicines or vitamin supplements containing zinc, make sure you use them appropriately and keep them out of the reach of children.

Is there a medical test to determine whether I've been exposed to zinc?

There are tests available to measure zinc in your blood, urine, hair, saliva, and feces. These tests are not usually done in the doctor's office because they require special equipment. High levels of zinc in the feces can mean high recent zinc exposure. High levels of zinc in the blood can mean high zinc consumption and/or high exposure. Tests to measure zinc in hair may provide information on long-term zinc exposure; however, the relationship between levels in your hair and the amount of zinc you were exposed to is not clear.

Has the federal government made recommendations to protect human health?

The EPA recommends that drinking water should contain no more than 5 milligrams per liter of water (5 mg/L) because of taste. The EPA requires that any release of 1,000 pounds (or in some cases 5,000 pounds) into the environment be reported to the agency.

To protect workers, the Occupational Safety and Health Administration (OSHA) has set an average limit of 1 mg/m^3 for zinc chloride fumes and 5 mg/m^3 for zinc oxide (dusts and fumes) in workplace air during an 8-hour workday, 40-hour workweek.

Similarly, the National Institute for Occupational Safety and Health (NIOSH) has set the same standards for up to a 10-hour workday over a 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2005. Toxicological Profile for Zinc (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATTACHMENT B
REPORT FORMS

WEEKLY SAFETY REPORT FORM

Week Ending: _____ Project Name/Number: 350 Grand Concourse

Report Date: _____ Project Manager Name: Kenneth Wiles

Summary of any violations of procedures occurring that week:

Summary of any job related injuries, illnesses, or near misses that week:

Summary of air monitoring data that week (include and sample analyses, action levels exceeded, and actions taken):

Comments:

Name: _____ Company: _____

Signature: _____ Title: _____

INCIDENT REPORT FORM

Date of Report: _____

Injured: _____

Employer: _____

Site: 350 Grand Concourse Site Location: 350 Grand Concourse, Bronx, New York

Report Prepared By: _____ _____
Signature Title

ACCIDENT/INCIDENT CATEGORY (check all that applies)

___Injury	___ Illness	___ Near Miss
__ Property Damage	___ Fire	___ Chemical Exposure
__ On-site Equipment	___ Motor Vehicle	___ Electrical
__ Mechanical	___ Spill	___ Other

DATE AND TIME OF ACCIDENT/INCIDENT: Narrative report of accident/incident: Identify: 1) actions leading to or contributing to the accident/incident; 2) the accident/incident occurrence; and 3) actions following the accident/incident.

_____

_____

_____

_____

_____

_____

_____

_____

_____

WITNESS TO ACCIDENT/INCIDENT:

Name:	_____	Company:	_____
Address:	_____	Address:	_____
Phone No.:	_____	Phone No.:	_____
Name:	_____	Company:	_____
Address:	_____	Address:	_____
Phone No.:	_____	Phone No.:	_____

INJURED - ILL:

Name: _____ SSN: _____

Address: _____ Age: _____

Length of Service: _____ Time on Present Job: _____

Time/Classification: _____

SEVERITY OF INJURY OR ILLNESS:

____ Disabling ___ Non-disabling ___ Fatality

____ Medical Treatment ___ First Aid Only

ESTIMATED NUMBER OF DAYS AWAY FROM JOB: _____

NATURE OF INJURY OR ILLNESS: _____

_____

_____

_____

CLASSIFICATION OF INJURY:

__ Abrasions _____ Dislocations ____ Punctures

__ Bites _____ Faint/Dizziness ____ Radiation Burns

__ Blisters _____ Fractures ____ Respiratory Allergy

__ Bruises _____ Frostbite ____ Sprains

__ Chemical Burns _____ Heat Burns ____ Toxic Resp. Exposure

__ Cold Exposure _____ Heat Exhaustion ____ Toxic Ingestion

__ Concussion _____ Heat Stroke ____ Dermal Allergy

__ Lacerations

Part of Body Affected: _____

Degree of Disability: _____

Date Medical Care was Received: _____

Where Medical Care was Received: _____

Address (if off-site): _____

(If two or more injuries, record on separate sheets)

PROPERTY DAMAGE:

Description of Damage: _____

_____

Cost of Damage: $ _____

ACCIDENT/INCIDENT LOCATION: _____

ACCIDENT/INCIDENT ANALYSIS: Causative agent most directly related to accident/incident (Object, substance, material, machinery, equipment, conditions)

_____

_____

_____

_____

Was weather a factor?:_____

_____

Unsafe mechanical/physical/environmental condition at time of accident/incident (Be specific):

_____

_____

_____

Personal factors (Attitude, knowledge or skill, reaction time, fatigue):

_____

_____

ON-SITE ACCIDENTS/INCIDENTS:

Level of personal protection equipment required in Site Safety Plan:

_____

_____

Modifications:

_____

Was injured using required equipment?:

_____

_____

If not, how did actual equipment use differ from plan?:

_____

_____

ACTION TAKEN TO PREVENT RECURRENCE: (Be specific. What has or will be done? When will it be done? Who is the responsible party to insure that the correction is made?

_____

_____

_____

_____

_____

ACCIDENT/INCIDENT REPORT REVIEWED BY:

_____ _____

SSO Name Printed SSO Signature

OTHERS PARTICIPATING IN INVESTIGATION:

_____ _____

Signature Title

_____ _____

Signature Title

_____ _____

Signature Title

ACCIDENT/INCIDENT FOLLOW-UP: Date: _____

Outcome of accident/incident: _____

_____

_____

_____

Physician's recommendations: _____

_____

_____

_____

Date injured returned to work: _____

Follow-up performed by:

_____ _____

Signature Title

ATTACH ANY ADDITIONAL INFORMATION TO THIS FORM

ATTACHMENT C
EMERGENCY HAND SIGNALS

EMERGENCY SIGNALS

In most cases, field personnel will carry mobile cell phones. If this is the case, a call, text message, or other notification that indicates an emergency will take priority over all other calls, texts, or notifications.

Where cell phone communications is not available, the following air-horn and/or hand signals will be used:

EMERGENCY HAND SIGNALS

OUT OF AIR, CAN'T BREATH!

Hand gripping throat

LEAVE AREA IMMEDIATELY, NO DEBATE!

(No Picture) Grip partner's wrist or place both hands around waist

NEED ASSISTANCE!

Hands on top of head

OKAY! – I'M ALL RIGHT!

- I UNDERSTAND!

Thumbs up

NO! - NEGATIVE!

Thumbs down

APPENDIX K
QUALITY ASSURANCE PROJECT PLAN

DRAFT

350 GRAND CONCOURSE

350 GRAND CONCOURSE
BRONX, NEW YORK

Quality Assurance Project Plan

for Remedial Action Work Plan

BCP Site Number: C203153
OER Project Number: 22TMP0701X
E-Designation: E-442

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

On Behalf Of:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

AUGUST 2025

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 PROJECT TEAM 2
2.1 Remedial Engineer 2
2.2 Quality Assurance Officer 2
2.3 Project Manager 2
2.4 Field Team Leader, Field Technician, and Site Safety Officer 2
2.5 Laboratory Quality Assurance/Quality Control Officer 2
2.6 Third-Party Data Validator 3
3.0 PROJECT QUALITY OBJECTIVES 4
4.0 STANDARD OPERATING PROCEDURES 6
4.2 Excavation Backfill 7
4.3 Materials Reuse On-Site 8
4.4 Decontamination Of Sampling Equipment 8
4.5 Management Of Investigation Derived Waste 8
5.1 Soil Sampling 10
5.3 Laboratory Methods 11
5.4 Quality Control Sampling 12
5.5 Sample Handling 12
5.5.1 Sample Identification 12
5.6 Field Instrumentation 15
5.7 Quality Assurance 15

IN-TEXT TABLES

Table 1 – Laboratory Analytical Methods for Analysis Groups
Table 2 – Endpoint Sample Nomenclature
Table 3 – Waste Classification/Hotspot/Tank Excavation Sample Nomenclature
Table 4 – Groundwater Sample Nomenclature

FIGURES

Figure 1 – BCP Site Location
Figure 2 – Proposed Remedial Excavation and Groundwater Treatment Plan
Figure 3 – Proposed Endpoint Sampling Plan
Figure 4 – Proposed Post-Remedial Action Groundwater Monitoring Wells

ATTACHMENTS

Attachment A – Resumes for Remedial Engineer, Quality Assurance Officer, Project Manager, and Field Team Leader
Attachment B – Sample Chain of Custody

1.0 INTRODUCTION

This Quality Assurance Project Plan (QAPP) describes the protocols and procedures that will be followed during all environmental sampling required to implement the Remedial Action Work Plan (RAWP) at the 350 Grand Concourse project site, hereafter referred to as the "Site." The Site is identified on the New York City Tax Map as Bronx Borough Tax Block 2341, Lot 42. A Site Location map is provided as Figure 1.

The objective of this QAPP is to provide for Quality Assurance (QA) and maintain Quality Control (QC) of environmental investigative, sampling, and remedial activities conducted under the New York State Department of Environmental Conservation (NYSDEC) oversight in the Brownfield Cleanup Program (BCP), BCP Site No. C203153. The QAPP will ensure that defensible data will be obtained during all environmental work at the Site. All sampling for emerging contaminant compounds will be consistent with the April 2023 NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances guidance document. Figure 2 shows the proposed remedial excavation and groundwater treatment areas. Figure 3 shows the proposed excavation endpoint sampling plan. Figure 4 shows the proposed Remedial Action groundwater monitoring wells as included in the RAWP.

2.0 PROJECT TEAM

The project team will be drawn from AKRF professional and technical personnel, and AKRF's subcontractors. All field personnel and subcontractors will have completed a 40-hour training course and updated 8-hour refresher course that meet the Occupational Safety and Health Administration (OSHA) requirements of 29 CFR Part 1910. The following sections describe the key project personnel and their responsibilities.

2.1 Remedial Engineer

The Remedial Engineer (RE) for this project will be Rebecca Kinal, P.E. The RE will have primary direct responsibility for implementation of the remedial program for the Site. The RE will coordinate the work of other contractors and subcontractors involved in all aspects of remedial construction, including soil excavation, stockpiling, characterization, removal and disposal, air monitoring, emergency spill response services, import of backfill material, and management of waste transport and disposal. The RE will be responsible for all appropriate communication with NYSDEC and New York State Department of Health (NYSDOH). Ms. Kinal's resume is included in Attachment A.

2.2 Quality Assurance Officer

Marc Godick, Qualified Environmental Professional (QEP), will serve as the Quality Assurance Officer and will be responsible for adherence to the QAPP. The Quality Assurance Officer will review the procedures with all personnel prior to commencing any fieldwork and will conduct periodic Site visits to assess implementation of the procedures. The Quality Assurance Officer will also be responsible for reviewing the Data Usability Summary Reports (DUSRs) prepared by a third-party data validator for analytical results. Mr. Godick's resume is included in Attachment A.

2.3 Project Manager

The project manager will be responsible for directing and coordinating all elements of the RAWP. The project manager will prepare reports and participate in meetings with the Site owner, Volunteer, and/or the NYSDEC. Kenneth Wiles will serve as the project manager for the RAWP. Mr. Wiles' resume is included in Attachment A.

2.4 Field Team Leader, Field Technician, and Site Safety Officer

The field team leader will be responsible for supervising the daily sampling and health and safety activities in the field and will ensure adherence to the RAWP, the Health and Safety Plan (HASP) included in Appendix J of the RAWP, and the Community Air Monitoring Plan (CAMP) included as Appendix M of the RAWP. The field team leader may also act as the Site Safety Officer (SSO) and field technician as appropriate. The field team leader will report to the project manager or project manager alternate on a regular basis regarding daily progress and any deviations from the work plan. The field team leader will be a qualified and responsible person able to act professionally and promptly during environmental work at the Site. Mackenzie Miller of AKRF will be the field team leader. Ms. Miller's resume is included in Attachment A.

2.5 Laboratory Quality Assurance/Quality Control Officer

The laboratory QA/QC officer will be Carl Armbruster of Eurofins-TestAmerica Laboratories (Eurofins-TestAmerica), the NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory being employed for all environmental sampling at the Site. The laboratory

QA/QC officer will be responsible for quality control procedures and checks in the laboratory and ensuring adherence to laboratory protocols. She will track the movement of samples from the time they are checked in at the laboratory to the time that analytical results are issued. He will also conduct a final check on the analytical calculations and sign off on the laboratory reports.

2.6 Third-Party Data Validator

The third-party data validator will be responsible for reviewing the final data packages for analyzed samples and preparing a DUSR that will provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the laboratory analyses for the investigation. The third-party data validator will be Lori Beyer of L.A.B. Validation Corporation of East Northrop, New York.

3.0 PROJECT QUALITY OBJECTIVES

The overall project objectives for the sampling include:

- Collection of soil samples to document the completion of remedial excavation and import of environmentally clean material;
- Collection of groundwater samples to monitor contamination levels in groundwater below the Site; and
- To meet these objectives, soil samples will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), pesticides, per- and polyfluorinated compounds (PFAS), and 1,4-dioxane. Additional soil samples may be collected for waste characterization. Groundwater samples will be analyzed for VOCs.

Who will use the data?

The collected data will be used by NYSDEC, NYSDOH, the Volunteer, and AKRF to determine whether Remedial Action is complete, appropriate soil handling procedures, and ensure import of appropriate soil/fill materials.

What types of data are needed?

- Soil samples will be collected and analyzed by a NYSDOH ELAP-certified laboratory for Target Compound List (TCL) VOCs by United States Department of Environmental Protection Agency (EPA) Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, 1,4-dioxane by EPA Method 8270, PFAS compounds by EPA Method 1633, and the Total Analyte List (TAL) of metals by EPA Method 6000/7000 series plus hexavalent chromium by EPA Method 7196A and cyanide by EPA Method 9012B using Category B deliverables.
- Baseline and post-remedial groundwater samples will be collected and analyzed by a NYSDOH ELAP-certified laboratory for VOCs by EPA Method 8260 using Category B deliverables.

How much data are needed?

Approximately 39 bottom endpoint and 25 sidewall soil samples will be collected and analyzed. Figure 3 shows the proposed sampling locations.

Baseline and post-remedial groundwater samples will be collected from three monitoring wells shown on Figure 4.

Field blanks, blind duplicates, matrix spike/matrix spike duplicates, and trip blanks will be collected and analyzed at a sample frequency of one sample per 20 field samples per media.

Where, when, and how should the data be collected/generated?

Based on the sampling frequency outlined in Section 5.4 of NYSDEC Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10), endpoint sampling will include one bottom soil sample for every 900 square feet across the Site and one sidewall sample for every 30 linear feet for the hotspots. This totals 39 bottom endpoint samples and 25 sidewall endpoint samples. If sloping for the hotspot excavations makes collection of sidewall samples there challenging, these sidewall samples will be collected at the bottom of the hotspot at its extents. Due to the presence of SOE to be installed for the excavation at the Site's extents, sidewall samples cannot be collected there.

In addition, a minimum of five endpoint samples consisting of four sidewalls (except where SOE is present) and one bottom sample will be collected from any deeper remedial excavations (including the

petroleum hotspots), as well as one additional sample for every 15 linear feet of trench for any associated piping.

The excavation endpoint samples will be collected using a decontaminated stainless steel sampling trowel, hand auger, or a dedicated wooden tongue depressor and placed directly into pre-sterilized laboratory-issued containers. The sample containers will be properly labeled and immediately placed on ice within a cooler. Sample time, date, and location will be recorded on a chain of custody.

Who will collect and generate the data?

AKRF will be responsible for all sampling. All samples will be analyzed by Eurofins-TestAmerica (subcontracted by AKRF), a NYSDOH-certified laboratory. AKRF will be responsible for collecting, reviewing, assessing, and disseminating validated data. Third-party data validation and the preparation of a DUSR will be prepared by Ms. Lori Beyer of Lab Validation Corp.

How will the data be reported?

The data will be reported in a Final Engineering Report (FER) and as EQuIS-compatible electronic data deliverables.

How will the data be archived?

All hard-copy data will be maintained at AKRF offices for a minimum of one year. Field logbooks and forms will be scanned and all electronic data will be archived on the AKRF corporate server.

4.0 STANDARD OPERATING PROCEDURES

The following sections describe the standard operating procedures for the remedial activities included in the RAWP. During these operations, safety monitoring will be performed as described in the HASP, included as Appendix R of the RAWP.

4.1.1 Excavation of Soil

The stratigraphy of the Site consisted of fill up to approximately 4 to 20 feet below ground surface (bgs), characterized by silt with sand, brick, gravel, asphalt, and glass across the Site. The fill was generally underlain by either apparent native soil (silt, sand, and clay with gravel) to the terminus of the borings (5 to 25 feet bgs) or apparent weathered bedrock encountered between 5 to 24 feet bgs. During the 2022 Remedial Investigation and 2025 Supplemental Remedial Investigation, soil was field screened with a photoionization detector (PID) to measure relative concentrations of VOCs. Petroleum-like odors, staining, and/or elevated PID readings up to 2,665 parts per million (ppm) were noted. Non-aqueous phase liquid (NAPL) was observed in one soil boring, SRI-SB-A1-1B, at approximately 5 feet bgs.

Surface topography at the Site is generally level at an elevation of approximately 32 to 38 feet [North American Vertical Datum of 1988 (NAVD88)], and slopes gently down to the south.

Based on site-specific measurements at the monitoring well locations taken on February 11, 2022, the groundwater elevation across the Site ranges from approximately 14.5 to 21.5 feet NAVD88, or from approximately 14 to 16 feet bgs (with the exception of 1 of the 10 monitoring wells, RI-MW-03, measured during the RI at approximately 18 feet bgs).

The affected media at the Site includes soil, groundwater, and soil vapor. Soil/fill is contaminated with petroleum-related contamination (VOCs, visual, olfactory, and elevated PID readings associated with petroleum), SVOCs, metals, pesticides and PFAS; groundwater is contaminated with petroleum-related VOCs, metals, and PFAS (the SVOCs concentrations were attributed to sediment entrained in the sample); and soil vapor is contaminated with petroleum-related VOCs and chlorinated solvent-related VOCs (CVOCs).

Elevated concentrations of petroleum-related contamination, SVOCs, metals, and to a lesser extent, pesticides and PFAS, were detected in soil/fill across the Site. Elevated concentrations of VOCs, and to a lesser extent, metals, and PFAS, were detected in groundwater on the western and southern portion of the Site, and elevated concentrations of petroleum-related VOCs and CVOCs were detected in soil vapor on the southern and western portions of the Site.

4.1.2 Tank Removal (if necessary)

Any tanks and appurtenances discovered during implementation of the RAWP will be cleaned, removed, and disposed of in accordance with accepted industry standards and applicable Federal, State, and local regulatory agency requirements. Tank and soil removal from the vicinity of discovered underground storage tanks will be conducted in consultation with the NYSDEC.

Typical tank removal procedures are summarized below:

1. Open fill cap or vent pipe and measure for product. Collect a sample of the product. Tank contents will be sampled in accordance with applicable Federal, State, and local

requirements and tested in accordance with the requirements of the receiving facility. Proper disposal of tank contents at an approved facility will be dictated by sample results.

2. Excavate to expose the tank. Vacuum liquid tank contents and pumpable tank bottom residue.
3. Excavate around the tank with care to avoid release of tank and piping contents. Hand excavation around the tank may be necessary. The sides of all excavated areas will be properly stabilized in accordance with OSHA regulations. Continuously monitor the excavated areas in the worker breathing zone for the presence of flammable, toxic or oxygen deficient atmosphere with a PID, a combustible gas indicator (CGI), and an oxygen meter.
4. Inert the tank of flammable vapors using dry ice and verify using an oxygen meter (less than 7 percent). An access hole will be cut in the tank and the tank will be thoroughly cleaned of residual liquids and sludges.
5. Entry of the tank, if necessary, shall be conducted in conformance with OSHA confined space requirements.
6. Remaining fuels, loose slurry, sludge materials and wastewater will be collected in New York State Department of Transportation-approved drums, sampled and analyzed for disposal characterization. After disposal characterization, waste material will be removed and disposed of in accordance with applicable regulations.
7. Remove the tank and all associated piping from the ground and clean the outside of the tank. The tank and piping will be rendered "not reusable," removed from the site and disposed of according to applicable regulations with proper documentation. Remove and dispose of all concrete tank support structures or vaults as encountered.
8. After tank removal, examine for evidence of petroleum releases in accordance with NYSDEC requirements.
9. Suspect materials will be field screened with a PID. If soil contamination is present, excavate and remove contaminated soil from the tank areas in accordance with the RAWP. Material will be excavated until field screening with a PID yields concentrations of less than 20 parts per million (ppm) and until there are no remaining visible signs of contamination or odors. Endpoint sampling will be conducted as directed by the NYSDEC.
10. Photo-document all procedures and record all procedures in a bound field notebook.

4.1.3 Soil Screening

During soil excavation and tank removal activities (if necessary), the excavated material will be inspected by AKRF field personnel for evidence of contamination (i.e., separate phase liquid, staining, sheening and/or odors) and field-screened using a PID calibrated at the start of each day in accordance with the manufacturer's instructions.

4.2 Excavation Backfill

Any imported soil will meet the backfill and cover soil quality standards established in 6 New York Codes, Rules and Regulations (NYCRR) 375-6.7(d). Approval will also be based on an evaluation of the land use, protection of groundwater and protection of ecological resources criteria. Soil will be considered appropriate for use as on-site imported backfill if contaminant

concentrations are below the lesser of the 6 NYCRR Part 375 Restricted Residential and Groundwater Protection Soil Cleanup Objectives. Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this Site, will not be imported to the Site without prior approval by NYSDEC. Solid waste will not be imported to the Site.

Native material from a virgin quarry source need not be sampled prior to use as backfill on the Site. All other imported material will be sampled and analyzed in accordance with Table 5.4(e)10 on page 161 of DER-10. Each sample will be tested for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals by EPA Method 6000/7000 series, and the standard list of 21 PFAS compounds by modified EPA Method 1633. Samples will be shipped to the laboratory with appropriate chain of custody documentation. The samples will be analyzed in a laboratory following NYSDOH Analytical Services Protocol Category B deliverables.

4.3 Materials Reuse On-Site

Material reuse on-site is not anticipated during the RAWP; however, if reuse is proposed, the following applies:

- Organic matter (wood, roots, stumps, etc.) or other solid is prohibited for reuse on-site. Soil that does not exhibit evidence of contamination during field screening and is free of demolition debris will be stockpiled and tested at a frequency in accordance with Table 5.4(e)10 on page 161 of DER-10 if reuse is contemplated. Each sample will be tested for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals by EPA Method 6000/7000 series, and the standard list of 21 PFAS compounds by modified EPA Method 1633. Samples will be shipped to the laboratory with appropriate chain of custody documentation. The samples will be analyzed in a laboratory following NYSDOH Analytical Services Protocol Category B deliverables.

4.4 Decontamination Of Sampling Equipment

All non-disposable sampling equipment (hand augers, sampling spoons, etc.) will be either dedicated or decontaminated between sampling locations. The decontamination procedure will be as follows:

1. Scrub using tap water/Alconox mixture and bristle brush.
2. Rinse with tap water.
3. Scrub again with tap water/Alconox and bristle brush.
4. Rinse with tap water.
5. Rinse with distilled water.
6. Air-dry the equipment, if possible.

Decontamination will be conducted within five-gallon buckets to capture decontamination water.

4.5 Management Of Investigation Derived Waste

All excavated soil will be stockpiled and disposed of in accordance with the RAWP. If field evidence of gross contamination is identified, decontamination wastewater will be drummed and staged near the point of generation and will be properly disposed of off-site based on laboratory

results. If free of visible contamination, disposable personal protective equipment (PPE) and sampling equipment (scoops, gloves, rope, etc.) will be placed in heavy-duty plastic bags and disposed of properly.

5.0 SAMPLING AND LABORATORY PROCEDURES

5.1 Soil Sampling

Soil sampling shall be conducted according to the following procedures:

- Field screening for evidence of contamination (e.g., odors, staining, elevated PID measurements). Using a hand auger or sampling spoon, remove a small amount of soil from the bottom or sidewall of the excavation. A grab sample can also be collected from the excavator bucket after targeted soil removal from the excavation. Place the soil in a zip-lock bag and insert the PID through the sealed bag to obtain an organic vapor concentration measurement.
- After selecting which samples will be analyzed in the laboratory, fill the required laboratory-supplied sample jars with the soil from the selected sampling location or labeled sealable plastic bags. Seal and label the sample jars as described in Section 5.3 of this QAPP and place in an ice-filled cooler.
- Decontaminate any soil sampling equipment between sample locations as described in Section 4.4 of this QAPP.
- Record boring number, sample depth and sample observations (evidence of contamination, PID readings, soil classification) in field logbook and boring log data sheet, if applicable.

5.2 Groundwater Sampling

Groundwater sampling will be conducted in accordance with the EPA low-flow methodology. Groundwater sampling will be generally conducted as follows:

- Remove the well plug and immediately measure the vapor concentrations in the well headspace with a PID calibrated to the manufacturer's specifications.
- Measure the depth to water and total well depth, and check for the presence of non-aqueous phase liquid (NAPL) using a bailer. Measure the thickness of NAPL, if any, and record in field book and well log. If present, collect a sample of NAPL using a disposable plastic weighted bailer or similar collection device. Groundwater samples will not be collected from wells containing measurable NAPL.
- Connect dedicated tubing to either a submersible or bladder pump and lower the pump such that the intake of the pump is set at the midpoint of the water column within the screened interval of the well. Connect the discharge end of the tubing to the flow-through cell of a Horiba U-52 multi-parameter (or equivalent) meter. Connect tubing to the output of the cell and place the discharge end of the tubing in a five-gallon bucket.
- Activate the pump at the lowest flow rate setting of the pump.
- Measure the depth to water within the well. The pump flow rate may be increased such that the water level measurements do not change by more than 0.3 foot as compared to the initial static reading. The well-purging rate should be adjusted so as to produce a smooth, constant (laminar) flow rate and so as not to produce excessive turbulence in the well. The expected targeted purge rate will be approximately 0.5 Liter and will be no greater than 3.8 Liters per minute.
- Transfer discharged water from the 5-gallon buckets to 55-gallon drums designated for well-purge water.

- During purging, collect periodic samples and analyze for water quality indicators (e.g., turbidity, pH, temperature, dissolved oxygen, reduction-oxidation potential, and specific conductivity) with measurements collected approximately every five minutes.
- Continue purging the well until turbidity is less than 50 Nephthalometric Turbidity Units (NTU) and water quality indicators have stabilized to the extent practicable. The criteria for stabilization will be three successive readings for the following parameters and criteria:
    - Dissolved Oxygen - +/- 0.3 milligram per Liter (mg/L)
    - Turbidity - <50 NTU
    - ORP/Eh - +/- 10 millivolts (mV)
    - Specific Conductance - +/- 3% millisievert per centimeter (mS/cm)
    - PH - +/- 0.1 pH units
- If the water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, purging may be discontinued. Efforts to stabilize the water quality for the well must be recorded in the field book, and samples may then be collected as described herein.
- After purging, disconnect the tubing to the inlet of the flow-through cell. Collect groundwater samples directly from the discharge end of the tubing and place into the required sample containers as described in Section 5.3 of this QAPP. Label the containers as described in Section 5.5.1 of this QAPP and place in an ice-filled cooler for shipment to the laboratory.
- Collect one final field sample and analyze for turbidity and water quality parameters (pH, temperature, dissolved oxygen, reduction-oxidation potential, and specific conductivity).
- Record all measurements (depth to water, depth to NAPL, water quality parameters, turbidity), calculations (well volume), and observations in the project logbook and field data sheet, if applicable.
- Once sampling is complete, remove the pump and tubing from the well. Dispose of the dedicated equipment and decontaminate reusable equipment, as described in Section. The purge water will be managed as described in Section 4.5 of this QAPP.
- Decontaminate the equipment, as described in Section 4.4 of this QAPP.

5.3 Laboratory Methods

Table 1 below summarizes the laboratory methods that will be used to analyze field samples and the sample container type, preservation, and applicable holding times. An Environmental Laboratory Approval Program-certified laboratory will be used for all chemical analyses in accordance with DER-10 2.1(b) and 2.1(f), including Category B Deliverables.

Table 1
Laboratory Analytical Methods for Analysis Groups

Matrix	Analysis	EPA Method	Bottle Type	Preservative	Hold Time
Soil	VOCs	8260C	EnCore® or Core N' One® samplers (3) or Terracore samplers and 2 oz. plastic jar	≤ 6 ºC	48 hours to extract; 14 days to analyze
	SVOCs	8270D	8 oz. Glass jar	≤ 6 ºC	14 days to extract; 40 days to analyze
	TAL Metals, and Hexavalent Chromium	6000/7000 Series, and 7196A	8 oz. Glass jar	≤ 6 ºC	6 months holding time; Mercury 28 days holding time; Hexavalent chromium 30 days to extract, 7 days to analyze
	Pesticides	8081B	8 oz. Glass Jar	≤ 6 ºC	14 days to extract; 40 days to analyze
	PCBs	8082A	8 oz. Glass Jar	≤ 6 ºC	14 days to extract; 40 days to analyze
	PFAS	1633	4 oz. or 8oz. HDPE jar or 250 mL HDPE bottle	≤ 6 oC	14 days to extract; 40 days to analyze
Groundwater	VOCs	8260C	5 40 mL Glass vials	HCl to pH < 2 and ≤ 6 ºC	48 hours to extract; 14 days to analyze

Note:
EPA - Environmental Protection Agency
* - If necessary

5.4 Quality Control Sampling

In addition to the laboratory analysis of the soil samples, additional analysis will be included for QC measures, as required by the Category B sampling techniques. These samples will include field blank, trip blank, matrix spike/matrix spike duplicate (MS/MSD), and blind duplicate samples at a frequency of one sample per 20 field samples collected. QC samples will be analyzed for the same parameters as the accompanying samples, with the exception of any trip blanks, which will be analyzed for the VOC list only.

5.5 Sample Handling

5.5.1 Sample Identification

All samples will be consistently identified in all field documentation, chain-of-custody (COC) documents, and laboratory reports. All samples will be given a unique name and the collection date at the end of the sample same in a year, month, day (YYYYMMDD) format. Blind duplicate sample nomenclature will consist of the sample type, followed by an "X"; MS/MSD samples nomenclature will consist of the parent sample name, followed by "MS" or "SD"; and trip and field blanks will consist of "TB-" and "FB-", respectively, followed by a sequential number of the trip/field blanks collected within the sample digestion group. Special characters, including primes/apostrophes (’), will not be used for sample nomenclature.

Endpoint Soil Sampling

Soil endpoint samples will be identified with "EP-" and the endpoint sample number in sequential order that the endpoint sample was collected, and the depth below ground surface the sample was collected from in parentheses. Table 2 below provides examples of the sampling identification scheme for the post-excavation endpoint samples.

Table 2
Endpoint Sample Nomenclature

Sample Description	Sample Designation
Post-excavation endpoint soil sample EP-01 collected from 15 feet bgs on April 1, 2026	EP-01_15_20260401
Matrix spike/matrix spike duplicate sample of post-excavation endpoint soil sample EP-01 collected from 15 feet bgs on April 1, 2026	EP-01_15_20260401_MS EP-01_15_20260401_SD
Duplicate of post-excavation endpoint soil sample EP-01 collected from 15 feet bgs on April 1, 2026	EP-X_15_20260401
Trip blank sample collected during a soil sampling event on April 1, 2026	TB-S-20260401
Field blank sample collected during a soil sampling event on April 1, 2026	FB-S-20260401

Waste Classification/ Tank Excavation Soil Sampling

In addition to the nomenclature detailed above, any confirmatory endpoint samples collected from a tank excavation will be identified by the excavation grid area and the cardinal direction of the sidewalls. The sample(s) collected from the bottom of the excavation will be amended with a "B-", followed by the number of bottom samples collected from the excavation in sequential order. Waste classification samples will be amended with "WC-" and the alphanumeric grid identification. Additionally, samples will be amended with the depth the sample was collected in feet below ground surface in parentheses. The alphanumeric grid is presented on Figure 8 of the RAWP. Table 3 below provides examples of the sampling identification scheme for proposed waste classification samples and any hotspot or tank excavation samples.

Table 3
Waste Classification/Hotspot/Tank Excavation Sample Nomenclature

Sample Description	Sample Designation
Waste classification composite sample collected between ground surface and 5 feet bgs in grid A1 on March 15, 2026	WC-A1-C_0-5_20260315
Waste classification grab sample collected between ground surface and 5 feet bgs in grid A1 on March 15, 2026	WC-A1-G_0-5_20260315
Soil sample collected from the northern sidewall of a tank grave encountered at 4 feet bgs on March 15, 2026	UST-N_4_20260315

Groundwater Sampling

Groundwater samples will be identified with their monitoring well ID. Table 4 below provides examples of the sampling identification scheme for the groundwater samples if their collection is necessary.

Table 4
Groundwater Sample Nomenclature

Sample Description	Sample Designation
Groundwater sample collected monitoring well RA-MW-01 on March 1, 2026	RA-MW-01_20260301
Matrix spike/matrix spike duplicate sample from monitoring well RA-MW-01 on March 1, 2026	RA-MW-01_20260301_MS RA-MW-01_20260301_SD
Duplicate of sample from monitoring well RA-MW-01 on March 1, 2026	EP-X_15_20260301
Trip blank sample collected during a groundwater sampling event on March 1, 2026	TB-GW-20260301
Field blank sample collected during a groundwater sampling event on March 1, 2026	FB-GW-20260301

Sample Labeling and Shipping

All sample containers will be provided with labels containing the following information:

- Project identification, including Site name, number, and address
- Sample identification
- Date and time of collection
- Analysis(es) to be performed
- Sampler's initials

Once the samples are collected and labeled, they will be placed in chilled coolers (for soil and groundwater samples) and stored in a cool area away from direct sunlight to await shipment to the laboratory. All samples will be shipped to the laboratory within 24 hours

of collection. At the start and end of each workday, field personnel will add ice to the cooler(s) as needed. Coolers used to store the vapor samples Tedlar® bags will NOT be filled with ice.

The samples will be prepared for shipment by placing each sample in laboratory-supplied glassware, then wrapping each container in bubble wrap to prevent breakage, and adding fresh ice in sealable plastic bags. The COC form will be properly completed by the sampler in ink, and all sample shipment transactions will be documented with signatures, and the date and time of custody transfer. Samples will be shipped overnight (e.g., Federal Express) or transported by a laboratory courier. All coolers shipped to the laboratory will be sealed with mailing tape and a COC seal to ensure that the samples remain under strict COC protocol.

Sample Custody

Field personnel will be responsible for maintaining the sample coolers in a secured location until they are picked up and/or sent to the laboratory. The record of possession of samples from the time they are obtained in the field to the time they are delivered to the laboratory or shipped off-site will be documented on COC forms. The COC forms will contain the following information: project name; names of sampling personnel; sample number; date and time of collection and matrix; and signatures of individuals involved in sample transfer, and the dates and times of transfers. Laboratory personnel will note the condition of the custody seal and sample containers at sample check-in. A sample chain-of-custody is included in Attachment B.

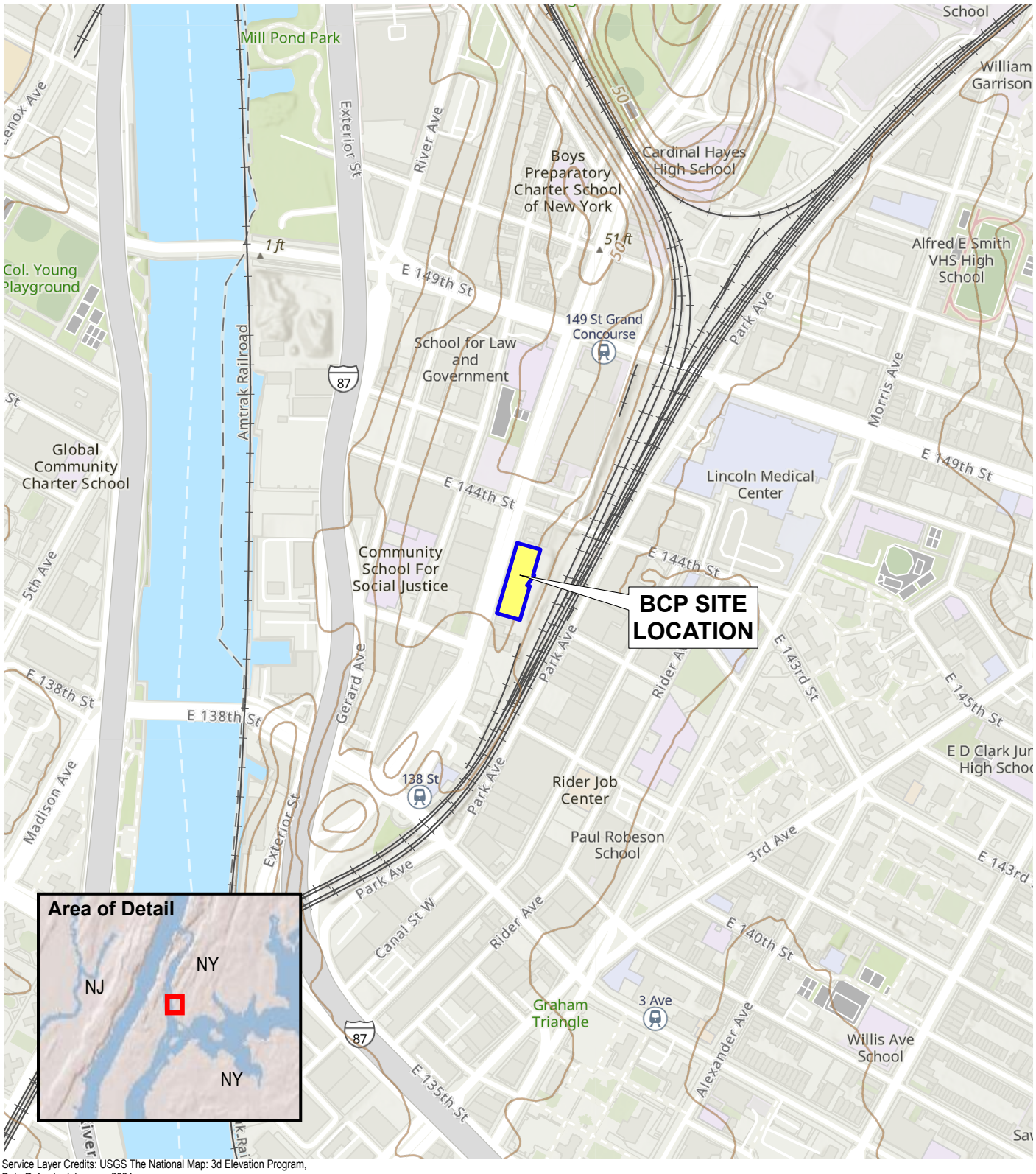
5.6 Field Instrumentation

Field personnel will be trained in the proper operation of all field instruments at the start of the field program. Instruction manuals for the equipment will be on file at the Site for referencing proper operation, maintenance, and calibration procedures. The equipment will be calibrated according to manufacturer specifications at the start of each day of fieldwork. If an instrument fails calibration, the project manager will be contacted immediately to obtain a replacement instrument. A calibration log will be maintained to record the date of each calibration, any failure to calibrate and corrective actions taken. The PIDs used for the roving and fixed air monitoring stations will be equipped with 10.6 electronvolt lamps. All PIDs will be calibrated each day using 100 ppm isobutylene standard gas in accordance with the manufacturer's standards.

5.7 Quality Assurance

All sample laboratory analytical data will be reviewed by a third-party validator and a DUSR will be prepared to document the usability and validity of the data. The FER will include a detailed description of endpoint sampling activities, data summary tables, concentration map showing endpoint sample locations and concentrations, DUSR, and laboratory reports.

FIGURES



AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx6/19/2025 8:14 PM240979 Fig 1 Site Locationjszalus

akrf

440 Park Avenue South, New York, NY 10016

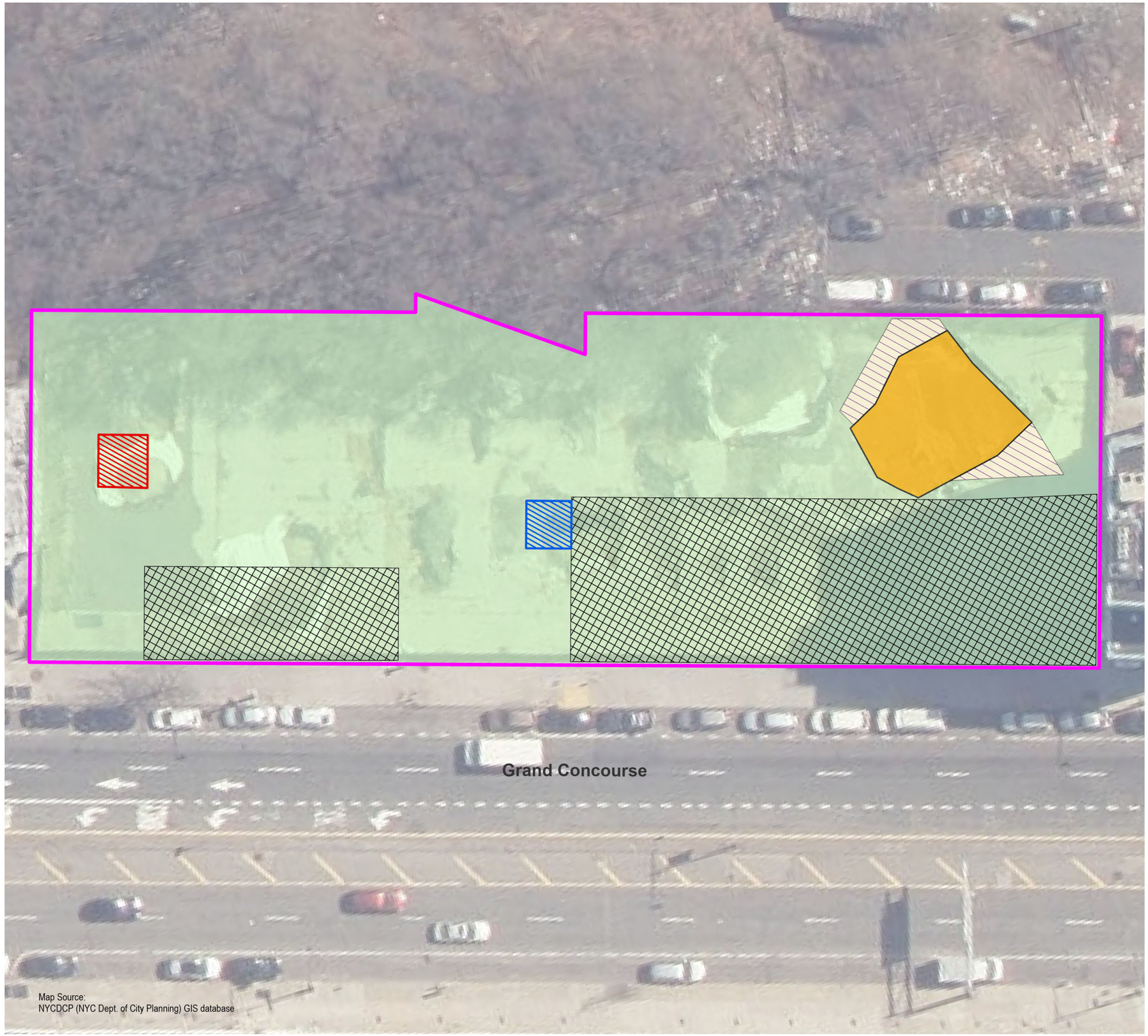
350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
6/19/2025

PROJECT NO.
240979

FIGURE
1



LEGEND

- BCP SITE BOUNDARY
- IRM EXCAVATION (2022) - REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*
- PROPOSED SITE WIDE REMEDIAL EXCAVATION TO 5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 8.5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 10 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 11 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 20 TO 25 FEET BGS TO REMOVE PETROLEUM HOTSPOTS AND GROUNDWATER TREATMENT AREAS

NOTES:
BGS - BELOW GROUND SURFACE

* UNDERLYING CONCRETE SLAB WAS BENEATH THE USTS. ATTEMPTS WERE MADE TO BREAK THE SLAB; HOWEVER, THEY WERE UNSUCCESSFUL. THEREFORE, NO ENDPOINT SAMPLES WERE ABLE TO BE COLLECTED FROM BENEATH THE USTS.

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

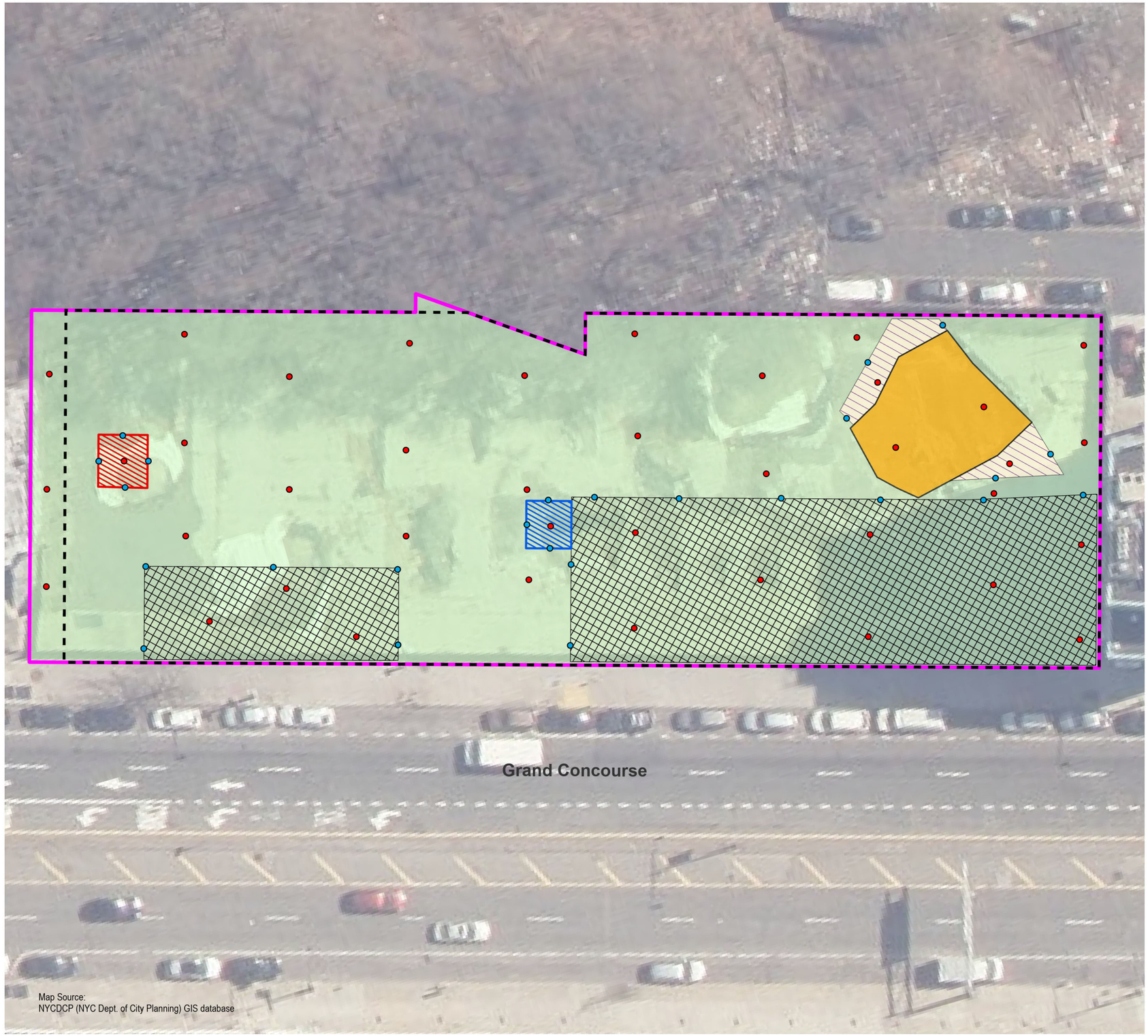
PROPOSED REMEDIAL EXCAVATION AND GROUNDWATER TREATMENT PLAN

DATE
8/28/2025

PROJECT NO.
240979

FIGURE
2

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/28/2025 12:53 PM240979 Fig 9 Proposed Remedial Excavation Plan mveilleux



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- BCP SITE BOUNDARY
- IRM EXCAVATION (2022) - REMEDIAL EXCAVATION TO 10 FEET BGS TO REMOVE THREE 12,000-GAL USTS*
- PROPOSED SITE WIDE REMEDIAL EXCAVATION TO 5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 8.5 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 10 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 11 FEET BGS
- PROPOSED REMEDIAL EXCAVATION TO 20 TO 25 FEET BGS TO REMOVE PETROLEUM HOTSPOTS
- SUPPORT OF EXCAVATION
- PROPOSED BOTTOM ENDPOINT SAMPLE LOCATION
- PROPOSED SIDEWALL SAMPLE LOCATION**

NOTES:
BGS - BELOW GROUND SURFACE

* UNDERLYING CONCRETE SLAB WAS BENEATH THE USTS. ATTEMPTS WERE MADE TO BREAK THE SLAB; HOWEVER, THEY WERE UNSUCCESSFUL. THEREFORE, NO ENDPOINT SAMPLES WERE ABLE TO BE COLLECTED FROM BENEATH THE USTS.

** SIDEWALL SAMPLES MAY BE COLLECTED AT THE BASE IF SLOPING MAKES SIDEWALL SAMPLE COLLECTION CHALLENGING.

0 15 30 60
SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

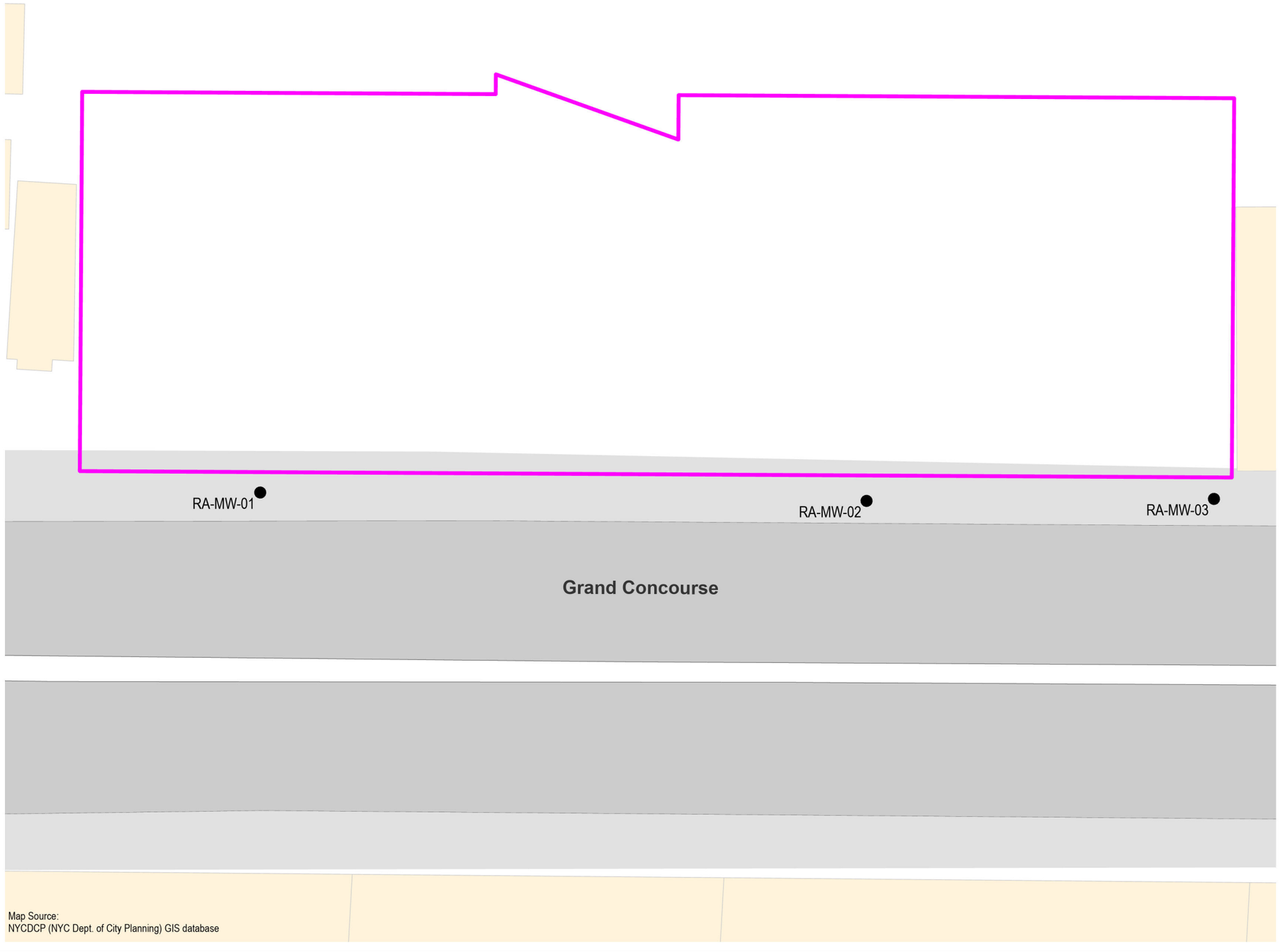
PROPOSED ENDPOINT SAMPLING PLAN

DATE
8/28/2025

PROJECT NO.
240979

FIGURE
3

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/28/2025 1:44 PM240979 Fig 10 Proposed Endpoint Sampling Plan mveilleux



akrf
440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

PROPOSED REMEDIAL ACTION GROUNDWATER MONITORING WELLS

DATE
8/28/2025

PROJECT NO.
240979

FIGURE
4

AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx 8/28/2025 1:46 PM 240979 Fig 12 Proposed Remedial GW MWs1 mveilleux

ATTACHMENT A

RESUMES OF REMEDIAL ENGINEER, QUALITY ASSURANCE OFFICER, PROJECT MANAGER, AND FIELD TEAM LEADER

REBECCA KINAL, PE

VICE PRESIDENT/ENVIRONMENTAL ENGINEER

Rebecca Kinal, PE has extensive experience in the assessment and remediation of soil and groundwater contamination and other hazardous/non-hazardous waste problems. Ms. Kinal's experience includes environmental due diligence, soil and groundwater investigations, leaking underground storage tank studies, soil gas/vapor intrusion surveys, and oversight of small- and large-scale remediation programs, including design of groundwater remediation systems and vapor mitigation systems. She has directed numerous Phase I and Phase II assessments and remediation programs, many of them in conjunction with commercial/residential developers, law firms, lending institutions, and public agencies. She is experienced in the cleanup of contaminated properties under New York State Brownfield Cleanup Program (BCP) regulations and the New York City "E-designation" program. As a part of this work, her duties have included technical and report review, engineering design, proposal writing, scheduling, budgeting, and acting as liaison between clients and regulatory agencies, and project coordination with federal, state, and local authorities.

BACKGROUND

Education
MS, Rensselaer Polytechnic Institute, Hydrogeology, 1995
BS, Lafayette College, Civil Engineering, 1992

Licenses/Certifications
Professional Engineer, NY - 082046-1
OSHA 40 Hour HAZWOPER,

Years of Experience
23 years in the industry
19 years with AKRF

RELEVANT EXPERIENCE

New York City School Construction Authority On-Call Contracts for Environmental Consulting Services, Various Sites, NY

Ms. Kinal has served as the project manager for AKRF's on-call hazardous materials consulting contract with the New York City School Construction Authority for over 10 years. For potential new school sites, assignments include initial due diligence; Phase I environmental site assessments (ESAs); and subsurface investigation of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school, likely remediation requirements, and associated costs. For sites undergoing design and development, assignments include preparation of remediation plans, contract specifications, and design drawings. The work has also included conducting indoor air quality testing, vapor intrusion assessments, preparation of specifications and construction management for petroleum storage tank removals, and investigation and remediation of spills for existing schools. Due to the sensitivity of school sites, work under this contract is often conducted on short notice and during non-school hours. Under the contract, Ms. Kinal has managed several major efforts, including emergency remediation work related to flooding from Superstorm Sandy, expedited due diligence for large portfolios of proposed Universal Pre-Kindergarten (UPK and 3K) sites, and large Phase II investigations of sites with NYC Office of Environmental Remediation (OER) E-designations and/or contamination warranting potential NYSDEC involvement.

Montefiore Medical Center, Various Locations, NY

Ms. Kinal provides environmental due diligence assistance to Montefiore Medical Center (MMC) for the ongoing expansion of their facilities, primarily in the Bronx and Westchester County. She conducts and manages environmental

due diligence tasks related to their property transactions, including Phase I Environmental Site Assessments (ESAs), Phase II investigations, indoor air quality surveys/vapor intrusion assessments, and remediation cost estimates. She also assists MMC in making decisions with respect to environmental risk issues. Projects have ranged from small, single-lot properties to large hospital campuses.

Transaction Support, Confidential Client, Various Locations

Ms. Kinal provided transaction support related to the proposed sale of a large construction equipment supply company. She managed inspections of 12 of the company's storage and maintenance yards located in New York, New Jersey, Connecticut, Rhode Island and Massachusetts to assess environmental concerns, and advise the client regarding environmental liabilities related to the proposed sale. The work was completed on an expedited turnaround to comply with the due diligence time-frame.

Brooklyn Technical High School Athletic Field Improvements, Brooklyn, NY

Ms. Kinal provided environmental support services to the selected contractor for improvements to the Brooklyn Tech H.S. athletic field facilities. These services included: preparation of an in situ sampling plan for waste characterization and disposal; supervision of waste characterization sampling activities; development and implementation of a community air monitoring program during all soil disturbance; and coordination for removal of a petroleum storage tank discovered construction.

Street-Works Development, Hamilton Green (200 Hamilton Avenue), White Plains, NY

AKRF prepared the EIS under the New York State Environmental Quality Review Act (SEQRA) and provided site planning and environmental services for the development of Hamilton Green—a new vibrant, mixed-use community in downtown White Plains, NY. Ms. Kinal managed environmental due diligence and remediation planning for the project, which included Phase I and II environmental assessments, a petroleum Spill investigation, preparation of remediation cost estimates, and application and acceptance to the NYSDEC Brownfield Cleanup Program (BCP).

Redevelopment at Polychrome R&D and Manufacturing Sites, AvalonBay, Yonkers, NY

Ms. Kinal served as the Engineer of Record for remediation of the former Polychrome research and development (R&D) site, a NYSDEC Brownfield redevelopment project along the Hudson River. The remediation included hot spot excavation, LNAPL collection, in-situ soil stabilization (ISS), soil management, groundwater treatment, dewatering, shoreline permitting, groundwater discharge permitting, and a site-wide engineered cover systems, including a vapor barrier and sub-slab depressurization system (SSDS). Ms. Kinal reviewed the design documents, supervised field inspections, provided support to the project team regarding contractor submittals and field changes, and certified the Final Engineering Report and Site Management Plan. The Site received its Certificate of Completion in December 2019.

New York City Department of Design & Construction (NYCDDC), East Side Coastal Resiliency (ESCR), New York, NY

AKRF was retained by the NYCDDC to provide a multi-disciplinary design for the protection of Lower Manhattan against another catastrophic hurricane. The main components of the design include levees, berms, retaining walls, cut-off walls, and increasing the ground elevation to mitigate and limit surging flood waters from entering Lower Manhattan. A large portion of the project's subsurface has been impacted by manufactured gas plant (MGP)-related contamination. Ms. Kinal serves as the Engineer of Record for MGP mitigation design components of the project. Her

work includes certification of the Mitigation Work Plan submitted to NYSDEC and review of contract specifications and drawings.

United States Tennis Association, USTA NTC Master Plan Support, Queens, NY

AKRF prepared an EIS for the New York City Departments of City Planning (DCP) and Environmental Protection (DEP) as co-lead agencies to analyze the expansion of the National Tennis Center, which includes multiple improvements and construction projects at the USTA campus over several years. As part of the EIS requirements, AKRF prepared a Remedial Action Plan for implementation during the proposed project's construction. In accordance with the RAP, vapor mitigation systems were incorporated into the design for several of the proposed structures at the facility, including two new stadiums, a new transportation center, and several practice court facilities. Ms. Kinal prepared the specifications and design drawings for the vapor mitigation and provided construction support to review contractor submittals and inspect the vapor barrier and sub-slab depressurization system installations.

New York City Economic Development Corporation (NYCEDC), Yankee Stadium, Bronx, NY

Ms. Kinal performed the hazardous materials analysis for the Draft Environmental Impact Statement for the proposed new Yankee Stadium. The analysis included a Phase I Environmental Site Assessment of the entire project area and Subsurface (Phase II) Investigation in areas where environmental conditions were identified. The Phase II investigation included geophysical surveys to search for potential underground storage tanks; and soil, soil gas, and groundwater sampling at over 40 locations to determine potential environmental impacts during and after the proposed construction. Remedial Action Plans (RAPs) and Construction Health and Safety Plans (CHASPs) were developed to specify environmental monitoring, soil management protocols, and health and safety requirements during construction of the new stadium and redevelopment of the old stadium site. Ms. Kinal also managed an extensive community air monitoring program during demolition of the old Yankee Stadium and construction of the New York City Department of Parks and Recreation's Heritage Field, which included short-term and long-term monitoring for airborne particulates and lead.

Roosevelt Union Free School District, Roosevelt UFSD

Ms. Kinal managed environmental investigation and remediation activities for the sites of three new elementary schools and a new middle school in Roosevelt, New York. Remediation activities include removal/closure of contaminated dry wells and underground petroleum storage tanks, and excavation and off-site disposal of petroleum- and pesticide-contaminated soil. Remediation of the new middle school site, which also included a sub-slab depressurization system, was conducted through coordination with the NYSDEC, NYSDOH, New York State Education Department (NYSED), and the local school district. Upon completion of the remediation and school construction, Ms. Kinal managed confirmatory indoor air testing and preparation of a Final Engineering Report to document the site clean-up. The NYSDEC issued a Certificate of Completion, allowing the new school to open on schedule.

MARC S. GODICK, LEP

SR. VICE PRESIDENT

Marc S. Godick, a Senior Vice President of the firm, has over 30 years of experience in the environmental consulting industry. Mr. Godick has broad-based environmental experience includes expertise in brownfield redevelopment, site assessment, remedial investigation, design and implementation of remedial measures, compliance assessment, and litigation support.

Education

M.E., Engineering Science/Environmental Engineering, Pennsylvania State University, 1998

B.S., Chemical Engineering, Carnegie Mellon University, 1989

Licenses/Certifications

Licensed Environmental Professional (License # 396) – State of Connecticut – 2003 - Present

40 Hour HAZWOPER and Annual Refresher Training, 1990 - Present

Supervisors of Hazardous Waste Operations (8 Hour), 1990

Professional Memberships

Chairman, Village of Larchmont/Town of Mamaroneck Coastal Zone Management Commission, 1997 – Present

Member, Westchester County Stormwater Advisory Board, 2011 – Present

Chairman/Member, Westchester County Soil and Water Conservation District, 2005 - 2010

Board of Directors, Sheldrake Environmental Center, Larchmont, New York, 2006 - 2008

Member, NYSDEC Risk-Based Corrective Action (RBCA) Advisory Group for Petroleum-Impacted Sites, 1997

Community Leadership Alliance, Pace University School of Law, 2001

Years of Experience

Year started in company: 2002

Year started in industry: 1990

RELEVANT EXPERIENCE

New York City Department of Design and Construction, East Side Coastal Resiliency, Manhattan, NY

Mr. Godick leads the environmental investigation and related support for a multidisciplinary design team selected by the New York City agency partnership of DDC, DPR, and ORR for the Feasibility Study and Pre-Scoping Services for East Side Coastal Resiliency (ESCR) project. The AKRF Team is providing design services, for 100+ year storm protection with anticipated sea level rise along the east side of Lower Manhattan. The ESCR subsurface exploration program involved a review of available utility plans and environmental reports involving manufactured gas plant (MGP) and potential petroleum-related contamination along a 2.5 mile study area from Montgomery Street to East 25th Street to develop a Subsurface Investigation Work Plan, which was approved by the NYCDEP.

The program included both public and private utility mark-out services across vast areas of the project site containing critical infrastructure to enable the installation of numerous shallow and deep borings and groundwater wells. Mr. Godick supervised the implementation of the investigation, which was completed in two phases. He was also responsible for the interpreting the wide-range of chemical parameters to evaluate critical cost and environmental impacts for the City and design team, and to prepare technical reports for submission and approval by the NYCDEP to satisfy for City Environmental Quality Review (CEQR) requirements. In addition, he continues to support the design and environmental review team, including preparation of the Hazardous Materials chapter for the Environmental Impact Statement, estimating cost impacts to the project for design and cost

recovery purposes, and developing a Soil Management Plan. Mr. Godick also managed a hydrogeologic modeling study to evaluate potential hydraulic and contaminant migration impacts associated with construction of the proposed flood control structure. Mr. Godick continues to coordinate with the NYC team, NYSDEC, and Con Edison to ensure that the design incorporates appropriate remedial measures to be implemented prior to and/or in conjunction with construction.

Remedial Design, Gowanus Canal First Street Turning Basin, New York City Department of Design and Construction (DDC)

Mr. Godick is managing the remedial design for restoration of the filled-in former First Street Turning Basin in Brooklyn, New York. The remediation is being conducted as part of an Order of Consent between the City of New York and EPA for the Gowanus Canal Superfund Site. The remedial design will include removal of fill and sediment within the fill-in basing in an approximately 475-foot by 50-foot area. The restored basin will provide enhanced waterfront access to the community and a boat launch for canoes and kayaks. Design considerations include geotechnical concerns related to adjacent buildings and new and existing bulkheads; soil and water management; landscape design; and access/construction logistics. The design in anticipated to be completed in late 2017.

Remediation & Litigation Support, 3200 Jerome Avenue, Bronx, NY (Former PS 151)

Mr. Godick managed the investigation and remediation of a former public school in the Bronx under the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP). The site was contaminated with trichloroethylene (TCE) from historic operations at the property prior to use as a school. The remedial investigation included soil, groundwater, and vapor intrusion assessment both on-site and off-site. The remedial design included excavation of the source area, in-situ chemical oxidation of groundwater, and installation of a sub-slab depressurization system (SSDS) to address to potential vapor intrusion. Implementation of the remedy was complete in late 2014. The completed remediation allows for future multi-family residential, educational, childcare, and/or medical uses. Mr. Godick also provided litigation support in connection with a cost recovery claim against the former operator of the site.

Remediation & Litigation Support, Queens West Project, Avalon Bay Communities, Queens, NY

For over 20 years, AKRF has played a key role in advancing the Queens West development, which promises to transform an underused industrial waterfront property into one of largest and most vibrant mixed-use communities just across the East River from the United Nations. AKRF prepared an Environmental Impact Statement (EIS) that examines issues pertaining to air quality, land use and community character, economic impacts, historic and archaeological resources, and infrastructure. As part of this project, Mr. Godick managed one of the largest remediation projects completed under the NYSDEC BCP at the time that was contaminated by coal tar and petroleum. The remedy included the installation of a hydraulic barrier (sheet pile cut off wall), excavation of contaminated soil under a temporary structure to control odors during remediation, a vapor mitigation system below the buildings, and implementation of institution controls. The investigation, remediation design, and remedy implementation, and final sign-off (issuance of Certificate of Completion) were completed in two years. Total remediation costs were in excess of $13 million. Following completion of the remediation, Mr. Godick developed a cost allocation model and provided litigation support for a cost recovery action against a former operator of the site, including participation in a deposition as a fact witness prior to settlement between the parties.

On-Call Environmental Consulting Services (Various Locations), New York City Mayor's Office of Environmental Remediation (OER) (administered by NYCEDC)

Mr. Godick is managing an on-call contract with the OER for brownfields environmental assessment and remediation. The work has included conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor for various sites funded by EPA grants. The work plans and investigation reports were completed in accordance with OER and EPA requirements. AKRF also developed a remedial plan for a former gas station site in the Bronx and implemented a remedial plan for capping a park site in Staten Island. In addition, Mr. Godick is providing support to OER and an affordable housing developer to expedite an application for entry into the New York State Department of Environmental Conservation

(NYSDEC) Brownfield Cleanup Program (BCP), as well as preparation and implementation of the remedial investigation and remedial plan.

On-Call Environmental Consulting (Various Locations), New York City School Construction Authority

Mr. Godick is managing an on-call contract with the SCA for environmental assessment, remedial design, and plumbing disinfection. For new school sites, initial due diligence involves conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school and remediation requirements and associated costs. Once design for a school is underway, AKRF would prepare remediation plans and construction specifications and oversee the construction activities. For existing school sites, the work can involve conducting Phase I ESAs and indoor air quality testing, preparation of specifications, supervision of storage tank removals, investigation and remediation of spills, and development of remediation cost estimates. AKRF also oversees plumbing disinfection work, which is required prior to new plumbing being placed into service. The assignments involve reviewing and commenting on disinfection plans, supervision of the disinfection and confirmation testing, and preparation of a report documenting the work was conducted in accordance with the specifications and applicable requirements. Due to the sensitivity of school sites, work under this contract is often conducted on short notice and during non-school hours. Mr. Godick also manages AKRF's potable water sampling (for lead) work for SCA, including providing recommendations for mitigating exceedances.

Remediation, Former Industrial Laundry/Dry Cleaning Plant, 2350 Fifth Avenue. New York, NY

Mr. Godick managed the assessment, cleanup and post-remedial operations, maintenance and monitoring of the only NYSDEC listed inactive hazardous waste (State Superfund) site in Manhattan, a former laundry/dry cleaning plant in Harlem. Remedial investigation included evaluation of soil, groundwater, soil vapor, indoor air, and building materials. Interim remediation included the removal of contaminated building materials and operation of a sub-slab vapor extraction system retrofitted into the existing building. Mr. Godick coordinated with the regulatory agencies, site owner and occupants; and managed the investigation, remedial design, and remedial implementation activities. Phase 1 of the Remedial Action Work Plan consisted of further removal of contaminated building materials. Phase 2 of the remediation included a sub-slab depressurization system (SSDS) retrofitted into the existing building, soil vapor extraction (SVE) system, and chemical oxidation injection. Remedial action work was completed in 2014 and documented in a Final Engineering Report. NYSDEC issued Certificate of Completion in January 2015 and the site has been reclassified to a "Class 4" site (site properly closed – requires continued management). Mr. Godick continues to manage the project, including operations, maintenance and monitoring of the SSDS and SVE system under the NYSDEC-approved Site Management Plan.

606 West 57th Street, New York, NY, TF Cornerstone

AKRF has been retained by TF Cornerstone to provide environmental services for the proposed redevelopment of a portion of the block bounded by Eleventh and Twelfth Avenues and West 56th and 57th Streets. The proposed actions included a zoning map amendment, zoning text amendments, a special permit, and an authorization to facilitate development of approximately 1.2 million square feet of residential and retail space. AKRF prepared an Environmental Impact Statement (EIS) for the New York City Department of City Planning (DCP) to analyze the effects of the proposed actions and development of the proposed building. The EIS addressed the full range of environmental impacts associated with the proposed development.

Mr. Godick was responsible for the elements of the EIS pertaining to hazardous materials, including coordination of a Phase I ESA and summarizing pertinent site information for the hazardous materials and construction chapters. Mr. Godick provided pre-acquisition support to TF Cornerstone, which included development of a remedial cost estimate report to outline remediation cost during site development. Mr. Godick also managed work related to the subsurface investigation, localized remediation (chemical injection and limited excavation beneath the building basement) and regulatory closure of a petroleum spill on a portion of the project site to satisfy NYSDEC requirements. After EIS certification, Mr. Godick coordinated approvals with NYCOER, the regulatory agency overseeing remedial measures related to the redevelopment of the site. The Site has an (E) Designation and is participating in the New York City Voluntary Cleanup Program. Mr. Godick managed the preparation of a Phase II Investigation Work Plan, Remedial Investigation Report, Remedial Action Work Plan (RAWP), and contractor

specifications for soil management and tank and hydraulic lift removal. Mr. Godick managed implementation of the remediation in accordance with the RAWP.

164 Kent Avenue, Brooklyn, NY (AKA Northside Piers and 1 North 4th Place), RD Management, L&M Development, Toll Brothers, and Douglaston Development

The project was a multi-phase development consisting of a large waterfront block in the Williamsburg Rezoning Area. The project site has been developed with a mixed-use residential-commercial high rise towers with an esplanade and a pier along the East River. AKRF provided acquisition and development support, including performing Phase I and II environmental site assessments and development of remedial cost estimates for development, and preparation of Remedial Action Plans (RAPs) and Construction Health and Safety Plan (CHASPs) for approval by DEP and OER. AKRF provided assistance with construction oversight during soil handling activities and managing the Community Air Monitoring Plan (CAMP) activities. Closure reports were prepared and the project is fully built-out and occupied.

Site Investigation–Over 20 Facilities, Con Edison, New York, NY

Mr. Godick managed site investigations associated with petroleum, dielectric fluid, and PCB releases at over 20 Con Edison facilities including service centers, substations, generating stations, and underground transmission and distribution systems. Site investigations have included due diligence site reviews, soil boring installation, monitoring well installation, hydrogeologic testing, and water quality sampling. Risk-based closures were proposed for several sites.

Underground Storage Tank Closure and Site Remediation–Program Management, Con Edison, New York, NY

Mr. Godick provided technical assistance to Con Edison in developing technical submittals and budgets associated with tank closures at over 50 facilities. Technical summaries were prepared for submittal of contractor-prepared closure reports to the NYSDEC. The summaries included a review of historic pre-closure assessments, tank closure data, and provided recommendations for additional assessment, remediation or closure. Subsequently, a three-year program budget was developed for implementation of the UST investigation/remedial program, which Con Edison utilized for internal budgeting purposes.

Site Investigation–7 World Trade Center Substation, Con Edison, New York, NY

Mr. Godick managed the site investigation at the former 7 World Trade Center Substation in an effort to delineate and recover approximately 140,000 gallons of transformer and feeder oil following the collapse of the building. The project involved coordination with several crews, Con Edison, and other site personnel.

Site Investigation–Former Manufactured Gas Plant (MGP) Facilities, Con Edison, New York, NY

Mr. Godick managed site investigations at four former manufactured gas plant (MGP) facilities. The investigations were completed at Con Edison substations, a flush pit facility, and a service center to support remedial design and expansion at select locations. The findings from these characterizations were used by Con Edison to make appropriate changes to the design specifications and to plan for appropriate handling of impacted materials and health and safety protocols during future construction activities.

National Grid – Halesite Manufactured Gas Plant Site Remediation, Town of Huntington, NY

Mr. Godick managed the remedial design and engineering work associated with remediation of National Grid's former MGP located in the Town of Huntington. The site is situated in a sensitive location along the waterfront, surrounded by commercial and residential properties, and half the property where the remediation was conducted was a steep slope. The remedy consisted of soil removal, oxygen injection, and non-aqueous phase liquid recovery. Mr. Godick was responsible for the development of the remedial work plans, design/construction documents, landscape architecture, confirmatory sampling, air monitoring, supervision, and preparation of close-out documentation in accordance with NYSDEC requirements.

Verizon, Investigation & Remediation, Various Locations, NY, PA and DE

Mr. Godick managed over 50 environmental investigations and remediation projects related to petroleum releases at various facilities. Responsibilities included annual budgeting, day-to-day project management, development and

implementation of soil and ground water investigation workplans, ground water modeling, risk evaluation, remedial action work plans, remedial design, system installation, waste disposal, well abandonment, and operation and maintenance. Many of the assessment and remedial projects followed a risk-based approach. Remedial technologies implemented included air sparging, soil vapor extraction, bioremediation, pump and treat, soil excavation, and natural attenuation.

Storage Tank Management, Verizon, Various Locations, NY, PA, DE, and MA

Mr. Godick managed the removal and replacement of underground and aboveground storage tank systems for Verizon in New York, Pennsylvania, Delaware, and Massachusetts. Responsibilities included the management of design, preparation of specifications, contractor bidding, construction oversight, project budget, and documentation. For selected AST sites, managed the development of Spill Control, Contingency and Countermeasures (SPCC) plans.

Litigation Support, Cost Recovery Action, Gowanus Superfund Site, New York

Mr. Godick provided technical support to one of the 40+ potential responsible parties (PRPs) associated with a Federal Superfund site in New York State, which included conducting a liability assessment for the various parties and development of a cost allocation model.

Litigation Support, Cost Recovery Action, New York State Superfund Site

Mr. Godick provided technical support for the former owner of a New York State Superfund site in upstate New York. The owner of the property brought a cost recovery action against our client as a PRP. Mr. Godick completed a technical review of the draft Remedial Investigation/Feasibility Study prepared by the opposing party's consultant to develop a more cost effective remedial strategy and to better position the client for liability allocation as part of future settlement negotiations. Mr. Godick also developed a cost allocation report that included a model for settlement negotiations, as well as participated in mediation.

Litigation Support & Remediation, Former Service Station, Brooklyn, New York

Mr. Godick took over management of remediation of an inactive service station (formerly conducted by another firm). His approach outlined additional characterization and remediation efforts which resulted in successful closure of the spill by NYSDEC within two years. Mr. Godick testified as an expert witness at a hearing in the New York State Supreme Court of Kings County to determine the adequacy of the remediation efforts.

Litigation Support, Cost Recovery Action, Town of Carmel, New York

Mr. Godick served as an expert witness representing the owner of a property in a landlord-tenant dispute, which was used as a gasoline station and oil change facility. Mr. Godick prepared exhibits, testified, and participated in meetings with NYSDEC to support the landlord's claim that the oil change tenant's practices were poor and were adversely affecting the environment and the overall facility systems at the site.

Litigation Support, Cost Recovery Action, New York State Petroleum Spill Site, New York, NY

Mr. Godick provided technical support for the former owner of a New York City multi-unit residential apartment building. The State of New York brought a cost recovery action against our client as a result of a previous spill from a former underground storage tank. Mr. Godick reviewed invoices and project documentation to dispute work performed by the NYSDEC, which provided the basis for settlement at a fraction of the initial claim.

Litigation Support, Class Action Lawsuit, Confidential Client, NJ

Mr. Godick provided technical support for a class action suit involving a petroleum-impacted community water supply in southern New Jersey. The technical assistance included analysis of expert testimony and coordination with legal counsel in preparing for cross-examination of the opposing party's lead expert witness.

Cost Analysis, Environmental Insurance Claims, Various Locations

Mr. Godick provided technical support for cost analyses completed for a large national insurance company related to several former MGP and other industrial sites. Responsibilities included evaluation and development of cost-effective remedial strategies, as well as compilation of detailed costs for remedial action implementation and closure.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST – SENIOR TECHNICAL DIRECTOR

Kenneth Wiles is an Environmental Scientist with twelve years of environmental assessment and remediation experience. He has performed and managed numerous site and remedial investigations, supervised and developed work plans for subsurface soil, groundwater, and soil vapor intrusion investigations; and remedial actions, and underground storage tank (UST) removals for a wide variety of clients and property types. Kenneth has been a critical member managing large profile projects, in addition to smaller projects, and responsible for project/client/contract management, preparing proposals, and preparing compliance reports, for several environmental remediation projects. He is certified in Occupational Safety and Health Administration Hazardous Waste Operations and Emergency Response (OSHA HAZWOPER) and is knowledgeable in Geographic Information System (GIS), AutoCAD, and Microsoft Project. Kenneth is experienced in numerous field activities, including environmental sampling, monitoring well installation and advancement of soil boring oversight, and contractor oversight.

BACKGROUND

Education

MS, Lehigh University, Earth and Environmental Sciences, 2010
BS, Juniata College, Environmental Science, 2008

Licenses/Certifications

OSHA 10 Hour Construction Safety & Health Course
OSHA 40 Hour HAZWOPER
OSHA 8 Hour Refresher

Professional Memberships

North Carolina Association of Environmental Professionals

Years of Experience

12 years in the industry
7 years with AKRF

RELEVANT EXPERIENCE

100 Franklin Street, New York, NY

AKRF completed a Phase I Environmental Site Assessment, Phase II Environmental Site Investigation, prepared a Remedial Action Work Plan, a NYCDEP Dewatering Application and Permit, and performed soil waste classification sampling (which required the preparation of a NYC Transit Subsurface Investigation Permit to perform the associated soil borings) for the proposed redevelopment for a 29,564-square foot, eight-story mixed-use building with a cellar. AKRF completed a Phase I Environmental Site Assessment (ESA), Phase II ESI, prepared a Remedial Action Work Plan, a NYCDEP Dewatering Application and Permit, and performed soil waste classification sampling (which required the preparation of a NYC Transit Subsurface Investigation Permit to perform the associated soil borings) for the proposed redevelopment for a 29,564-square foot, eight-story mixed-use building with a cellar.

Kenneth Wiles served as Deputy Project Manager and coordinated with the client and contactors, supervised field staff during on-site remediation activities, and compiled and evaluated field data to prepare associated project reports and permits.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST - SENIOR TECHNICAL DIRECTOR

1100 Myrtle Avenue, Brooklyn, NY

AKRF prepared a Remedial Investigation Work Plan (RIWP) for New York City Mayor's Office of Environmental Remediation (OER) and performed the associated Remedial Investigation. Following, the site was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), which AKRF prepared the application. AKRF also prepared the BCP RIWP.

As the Project Manager, Kenneth Wiles coordinated with the client and subcontractors, supervised field staff during on-site investigation activities, and prepared the project's reports.

29 Jay Street, Brooklyn, NY

AKRF has provided site assessment/remediation, air quality, and noise E-Designation services to obtain approval for the remediation and start of construction on a new commercial office building at 29 Jay Street in the DUMBO neighborhood of Brooklyn, NY. We will continue to be on-site daily to conduct community air monitoring and oversee the removal of petroleum and hazardous-lead contaminated soil. Kenneth Wiles served as Project Manager.

East Side Coastal Resiliency (ESCR) Preliminary & Final Design, New York, NY

AKRF is leading a multidisciplinary design team that was selected by the New York City agency partnership of NYCDDC, New York City Department of Parks and Recreation (NYCDPR), New York City Department of Transportation, and the Mayor's Office of Recovery and Resiliency (ORR) to provide engineering, planning, landscape architecture, urban design and community engagement services for the Preliminary and Final Design Services for East Side Coastal Resiliency (ESCR).

Kenneth Wiles' responsibilities included preparing the Supplemental Subsurface Investigation Work Plan, managing the associated field investigation activities, compiling and evaluating the field data to prepare the Supplemental Subsurface Investigation Report, spearheaded the effort for generating environmental cross-sections throughout the project site, and preparing the Mitigation Work Plan and supporting reports for NAPL recovery via several recovery wells.

Rego Park Home Depot, Ridgewood, NY

Solvent contamination was encountered during retail development of a former industrial property in Rego Park, Queens, New York. The site work included an extensive investigation and a multi-phase remediation performed under the NYSDEC Voluntary Cleanup Program (VCP). Remediation included removal of aboveground and underground storage tanks (ASTs and USTs) and hotspot soil removal. An Air Sparging/Soil Vapor Extraction (AS/SVE) groundwater remediation system designed by AKRF was installed as part of the building construction. Continued remediation work included upgrading and expanding the AS/SVE system after the store was opened. AKRF continues operations, maintenance, and monitoring under the NYSDEC-approved Site Management Plan.

Kenneth Wiles prepared the Remedial Optimization Work Plan (ROWP) and associated work plan update and assisted in the preparation and implementation of the ROWP, including the procurement of the subcontractors.

609-611 West 56th Street (823 Eleventh Avenue), New York, NY

AKRF is providing site assessment and remediation services for 611 West 56th Street (aka 823 Eleventh Avenue), a 37-story, 80-unit condominium building in Hell's Kitchen, Manhattan. We facilitated the 10,000-square-foot site's enrollment in the New York City Voluntary Brownfield Cleanup Program. AKRF performed a remedial investigation to

compile and evaluate data and information necessary to develop a Remedial Action Work Plan; performed the required sampling and prepared the application package to obtain a NYCDEP construction dewatering permit; performed waste classification sampling to characterize the soil for off-site disposal; and oversaw construction excavation activities to ensure compliance with the Remedial Action Work Plan.

As Project Manager, Kenneth Wiles was responsible for coordinating/directing field staff for construction oversight, preparing the NYCDEP dewatering permit, managing the waste characterization sampling event and preparing the associated report, and assisting in the preparation of the RAWP.

Gowanus Canal First Street Turn Basin, New York, NY

AKRF performed professional services for the remedial design for restoration of the Filled-in Former First Street Turning Basin adjacent to the Gowanus Canal in Brooklyn, New York. The remediation is being conducted as part of an Order of Consent between the City of New York and USEPA for the Gowanus Canal Superfund Site. The remedial design will include removal of fill and sediment within the filled-in turning basin in an approximately 475-foot by 50-foot area and the creation of a wetland shelf. Design considerations include geotechnical concerns related to adjacent buildings and new and existing bulkheads; soil and water management; landscape design; and access/construction logistics. The project design is anticipated to be completed in 2020.

Kenneth Wiles manages the design team subconsultants, prepares report submittals, compiles and integrates several report components into larger report submittals, coordinates the implementation of field activities, and coordinates requirements pertaining to the prime contract with NYC Department of Design and Construction (DDC).

New York City School Construction Authority (NYCSCA) On-Call Contract for Environmental Consulting Services, Various Sites in New York, NY

AKRF provides the NYCSCA environmental consulting services for schools undergoing design and development. As Environmental Scientist, Kenneth Wiles prepares contract specifications and reviews contractor submittals for compliance with the specification requirements. The work has also included the investigation of underground storage tanks (USTs) for existing schools. Due to the sensitivity of school sites, work under this contract is often conducted on short notice and during non-school hours.

The Max at 606 West 57th Street, New York, NY

AKRF was been retained by TF Cornerstone to provide environmental services for the redevelopment of a portion of the block bounded by Eleventh and Twelfth Avenues and West 56th and 57th Streets. AKRF prepared an Environmental Impact Statement (EIS) for the NYC Department of City Planning (DCP) to analyze the effects of the proposed actions and development of the proposed building. The EIS addressed the full range of environmental impacts associated with the proposed development. After completion of the EIS, the client enrolled in the NYC Voluntary Brownfield Cleanup Program to investigate and remediate the 83,260-square foot site for planned redevelopment. A remedial investigation was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP) pertaining to the planned development. AKRF performed oversight of the construction excavation activities to ensure compliance with the RAWP.

Kenneth Wiles was responsible for coordinating/directing field staff for construction oversight activities for compliance with the RAWP, and assisting in the preparation of the Remedial Closure Report.

KENNETH A. WILES

ENVIRONMENTAL SCIENTIST - SENIOR TECHNICAL DIRECTOR

432 East 14th Street, Environmental Management Specifications, Design Coordination and Pre-Characterization of Soil for Off-site Disposal, New York, NY

AKRF completed a Phase II Environmental Site Investigation, prepared a Remedial Action Work Plan, UST Removal Report, and performed soil waste classification sampling for the redevelopment of the site, which formerly consisted of a 23,000-square foot, two-story United States Postal Service office. The soil waste characterization sampling identified hazardous soil, which was successfully managed and disposed of at a licensed facility.

Kenneth Wiles served as Deputy Project Manager and coordinated with the client and contractors, supervised field staff during day-to-day on-site remediation activities, reviewed contractor submittals, and prepared compliance reports including the remedial closure report.

West Side Federation for Senior and Supportive Housing, WSFSSH West 108th Street, New York, NY

AKRF performed a Phase I Environmental Site Assessments and Phase II Environmental Site Investigation (ESI), on behalf of the NYC Office of Environmental Remediation for the proposed redevelopment of four lots. The Phase II ESI Work Plan consisted of an EPA compliant Quality Assurance Project Plan (QAPP). AKRF additionally prepared a Remedial Action Work Plan (RAWP) and supplemental Phase II ESI.

Kenneth Wiles supervised field staff during on-site investigation activities, provided review of the Phase II ESI and RAWP, and drafted contractor specifications for the redevelopment.

New York City Department of Design & Construction, On-Call Contract (HWEARC03), New York, NY

As part of a joint venture, AKRF has been awarded a contract to provide on-call EASs and engineering support to the DDC infrastructure division for various projects throughout the city. The services provided under this contract vary from EASs, property acquisition support, stormwater drainage and water quality analysis to traffic studies, preparation of PDI reports, mapping, roadway design, and ULURP support. AKRF's primary responsibilities include implementation and monitoring of the task orders issued under the contract, and the firm is directly responsible for project management, staffing, schedule, and budgetary requirements of the contract, as well as completing roadway and infrastructure designs, preparing ULURP maps and applications, EASs, PDIs and Damage and Acquisition Maps.

Kenneth Wiles' responsibilities included preparing the Supplemental Subsurface Investigation Work Plan, managing the associated field investigation activities, compiling and evaluating the field data to prepare the Supplemental Subsurface Investigation Report, spearheaded the effort for generating environmental cross-sections throughout the project site, and preparing the Mitigation Work Plan and supporting reports for NAPL recovery via several recovery wells.

New York City School Construction Authority, On-Call Environmental Consulting, New York, NY

For new school sites, initial due diligence involves conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school and remediation requirements and associated costs. Once design for a school is underway, AKRF would prepare remediation plans and construction specifications and oversee the construction activities. For existing school sites, the work can involve conducting Phase I ESAs and indoor air quality testing, preparation of specifications, supervision of storage tank removals, investigation and remediation of spills, and development of remediation cost estimates.

Kenneth Wiles prepared contract specifications and reviews contractor submittals for compliance with the specification requirements. The work has also included the investigation of underground storage tanks (USTs) for existing schools.

MACKENZIE MILLER

ENVIRONMENTAL SCIENTIST

Mackenzie Miller is an Environmental Scientist at AKRF. She has experience in a laboratory setting, as well as participating in scientific field work, writing, and analysis. Her environmental consulting experience includes implementing Phase I Environmental Site Assessments and Phase II Environmental Site Investigations; implementing Indoor Air Quality Surveys; overseeing remedial action programs under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) and NYC Office of Environmental Remediation (OER) E-Designation program, including soil excavation, community air monitoring, remedial system installation, and collection of environmental samples.

BACKGROUND

Education
BA, University of Colorado at Boulder, Environmental Studies, 2020
BA, University of Colorado at Boulder, Ecology & Evolutionary Biology, 2020

Licenses/Certifications
OSHA Safety Training Institute – 30-Hour Construction Safety and Health Certification
OSHA Safety Training Institute – 40-Hour Hazardous Waste and Emergency Response Certification
NYC SST – 8-Hour Fall Prevention for Construction Certification
New York State Conservation District – Certificate of Erosion and Sediment Control Training (exp. July 2023)

Years of Experience
5 years in the industry
3 years with AKRF

RELEVANT EXPERIENCE

80614.04, New York City Economic Development Corporation, New York City Public Health Laboratory, New York, NY

AKRF is providing site assessment/remediation services on behalf of the New York City Economic Development Corporation and the Department of Health and Mental Hygiene for a new 10-story, 240,000-square-foot Public Health Laboratory on the Harlem Hospital campus in Manhattan. The $454 million building will allow for testing and services for a wide range of clinical and environmental health-related concerns related to microbiology, virology, immunology, and biosafety. The topping-out ceremony was held in September 2023. Mackenzie is providing air monitoring in accordance with the site-specific Community Air Monitoring Plan (CAMP) during remedial excavation activities, on-site field inspections for construction oversight, overseeing soil export manifests, and documenting construction and remedial activities performed under the NYSDEC -approved BCP Remedial Action Work Plan (RAWP).

80619, New York City School Construction Authority, On-Call Environmental Consulting (Multiple) Contracts, Various Locations, New York, NY

For new school sites, initial due diligence involves conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school and remediation requirements and associated costs. Once design for a school is underway, AKRF would prepare remediation plans and construction specifications and oversee the construction activities. For existing school sites, the work can involve conducting Phase I ESAs and indoor air quality testing, preparation of specifications, supervision of storage tank removals, investigation and remediation of spills, and development of remediation cost estimates. Mackenzie is

providing on-site field inspections, overseeing drinking water disinfection and sampling protocol associated with installation of new plumbing fixtures, and documenting daily activities performed for task orders at various SCA sites.

210379, NYCHA PACT Williamsburg Houses, Brooklyn, NY

AKRF is providing professional environmental services in connection with the Williamsburg Houses site, which consists of 20 four-story residential buildings situated on four city blocks in Williamsburg, Brooklyn. The site is being rehabilitated under NYCHA's Permanent Affordability Commitment Together (PACT) program. AKRF is providing remedial engineering services, assisting the Client with soil management services including testing, import and export), and vapor mitigation work required under a NYCDEP-approved Remedial Action Work Plan (RAWP). As the RAWP was prepared by a prior consulting firm, AKRF successfully amended the RAWP to reduce certain monitoring and vapor mitigation requirements on behalf of tour Client. At the conclusion of AKRF's work, we will document all activities in a Remedial Closure Report (RCR) for approval by NYCDEP. Mackenzie is providing air monitoring in accordance with the site-specific Community Air Monitoring Plan (CAMP) during remedial excavation activities, on-site field inspections for construction oversight, overseeing soil export manifests, and documenting construction and remedial activities performed under the NYSDEC -approved BCP Remedial Action Work Plan (RAWP).

Phipps Houses, Lambert Houses Redevelopment, Bronx, NY

AKRF is providing a range of services to Phipps Houses for the phased redevelopment of their Lambert Houses complex in the West Farms neighborhood of the Bronx. The current Lambert Houses will be demolished and replaced with new buildings on nearly 12 acres of the Bronx Park South Large-Scale Residential Development area, increasing by 1,000 the number of permanently affordable housing units along with tenant amenities, retail space, and community facilities. AKRF prepared the Environmental Impact Statement pursuant to CEQR, SEQRA, and NEPA guidelines for the entire redevelopment, and has since provided site assessment/remediation services along with civil engineering and permitting for buildings on Parcels 3 and 5. We have also provided civil engineering and resident engineering inspection services for NYCDEP utility improvements and supported a city map change application pursuant to ULURP. AKRF has also been responsible for noise and air quality consulting related to the property's E-Designation. Mackenzie is providing air monitoring in accordance with the site-specific Community Air Monitoring Plan (CAMP) during remedial excavation activities, on-site field inspections for construction oversight, overseeing soil export manifests, and documenting construction and remedial activities performed under the NYSDEC -approved BCP Remedial Action Work Plan (RAWP), including engineering controls such as the Sub-Slab Depressurization System (SSDS) and collection of environmental documentation and waste characterization samples.

190021, 272 4th Avenue, Brooklyn, NY

AKRF is providing site assessment/remediation services for a proposed residential apartment building at 272-274 Fourth Avenue in Gowanus, Brooklyn. Mackenzie is providing air monitoring in accordance with the site-specific Community Air Monitoring Plan (CAMP) during remedial excavation activities, on-site field inspections for construction oversight, overseeing soil export manifests, and documenting construction and remedial activities performed under the NYSDEC -approved BCP Remedial Action Work Plan (RAWP), including engineering controls such as the Sub-Slab Depressurization System (SSDS) and collection of environmental documentation and waste characterization samples.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Personnel Resume

Carl Armbruster
QA Manager

Qualifications Summary

Mr. Armbruster has over 30 years of experience in the environmental laboratory and engineering industry that includes extensive technical, management/leadership experience in all aspects of the laboratory business. He is an action-oriented manager dedicated to ensuring the laboratory maintains a quality program that holds the highest credentials in PT scores, accreditations and customer satisfaction. His unique experience lends itself to working successfully with employees, managers and clients at all levels.

Professional Experience

Quality Assurance Manager – TestAmerica Edison - 2005 to Present

Mr. Armbruster is responsible for establishing and implementing the quality assurance program at the Edison facility; and for interfacing with the corporate Quality Assurance Director to ensure adherence with the overall Quality Management Plan. He is also responsible for monitoring implementation and compliance with NELAC and TestAmerica's QMP, conducting annual management system audits and data audits, as well as providing regulatory updates and technical support to the Laboratory Director, Operations Manager, Client Services and Sales department.

Project Manager/Assistant Technical Director – STL Edison --2000 to 2005

Laboratory Director − STL Whippany − 1998 to 2000

Account Manager − Clean Harbors Environmental Services − 1997 to 1998

Laboratory Manager − Waste Management Inc., and Chemical Waste Management Inc − 1988 to 1997

Environmental Scientist − ICF Technology − 1987 to 1988

Analytical Chemist − IT Corporation – 1985 to 1987

Analytical Chemist − Hess Environmental Laboratories – 1983 to 1985

Education

- MS in Biology – East Stroudsburg University, 1984
- BS in Environmental Studies - East Stroudsburg University, 1980

L.A.B. Validation Corp., 14 West Point Drive, East Northport, New York 11731

Lori A. Beyer

SUMMARY: General Manager/Laboratory Director with a solid technical background combined with Management experience in environmental testing industry. Outstanding organizational, leadership, communication and technical skills. Customer focused, quality oriented professional with consistently high marks in customer/employee satisfaction.

EXPERIENCE:

1998-Present L.A.B. Validation Corporation, 14 West Point Drive, East Northport, NY
President

- Perform Data Validation activities relating to laboratory generated Organic and Inorganic Environmental Data.

1998-Present American Analytical Laboratories, LLC. 56 Toledo Street, Farmingdale, NY
Laboratory Director/Technical Director

- Plan, direct and control the operation, development and implementation of programs for the entire laboratory in order to meet AAL's financial and operational performance standards.
- Ensures that all operations are in compliance with AAL's QA manual and other appropriate regulatory requirements.
- Actively maintains a safe and healthy working environmental that is demanded by local laws/regulations.
- Monitors and manages group's performance with respect to data quality, on time delivery, safety, analyst development/goal achievement and any other key performance indices.
- Reviews work for accuracy and completeness prior to release of results to customers.

1996-1998 Nytest Environmental, Inc. (NEI) Port Washington, New York
General Manager

- Responsible for controlling the operation of an 18,000 square foot facility to meet NEI's financial and operational performance standards.
- Management of 65 FTEs including Sales and Operations
- Ensure that all operations are in compliance with NEI's QA procedures
- Ensures that productivity indicators, staffing levels and other cost factors are held within established guidelines
- Maintains a quantified model of laboratory's capacity and uses this model as the basis for controlling the flow of work into and through the lab so as to ensure that customer requirements and lab's revenue and contribution targets are achieved.

1994-1996 Nytest Environmental, Inc. (NEI) Port Washington, New York
Technical Project Manager

- Responsible for the coordination and implementation of environmental testing programs requirements between NEI and their customers
- Supervise Customer Service Department
- Assist in the development of major proposals
- Complete management of all Federal and State Contracts and assigned commercial contracts
- Provide technical assistance to the customer, including data validation and interpretation
- Review and implement Project specific QAPP's.

1995-1996 Nytest Environmental, Inc. (NEI) Port Washington, New York
Corporate QA/QC Officer

- Responsible for the implementation of QA practices as required in the NJDEP and EPA Contracts
- Primary contact for NJDEP QA/QC issues including SOP preparation, review and approval
- Responsible for review, verification and adherence to the Contract requirements and NEI QA Plan

1992-1994 Nytest Environmental, Inc. (NEI) Port Washington, New York
Data Review Manager

- Responsible for the accurate compilation, review and delivery of analytical data to the company's customers. Directly and effectively supervised a department of 22 personnel.
- Managed activities of the data processing software including method development, form creation, and production
- Implement new protocol requirements for report and data management formats
- Maintained control of data storage/archival areas as EPA/CLP document control officer

1987-1991 Nytest Environmental, Inc. (NEI) Port Washington, New York
Data Review Specialist

- Responsible for the review of GC, GC/MS, Metals and Wet Chemistry data in accordance with regulatory requirements
- Proficient with USEPA, NYSDEC, NJDEP and NEESA requirements
- Review data generated in accordance with SW846, NYSDEC ASP, EPA/CLP and 40 CFR Methodologies

1986-1987 Nytest Environmental, Inc (NEI) Port Washington, New York
GC/MS VOA Analyst

EDUCATION:

1982-1985 State University of New York at Stony Brook, New York; BS Biology/Biochemistry
1981-1982 University of Delaware; Biology/Chemistry
5/91 Rutgers University; Mass Spectral Data Interpretation Course, GC/MS Training
8/92 Westchester Community College; Organic Data Validation Course
9/93 Westchester Community College; Inorganic Data Validation Course

Form **W-9**
(Rev. December 2011)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)
L.A.B VALIOATION CORP

Business name/disregarded entity name, if different from above

Check appropriate box for federal tax classification:
☐ Individual/sole proprietor ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liabilty company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶

☐ Other (see instructions) ▶

☐ Exempt payee

Address (number, street, and apt. or suite no.)
14 WEST POINT DRIVE

Requester's name and address (optional)

City, state, and ZIP code
EAST NORTHPORT, New York 11731

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number
[ ][ ][ ] - [ ][ ] - [ ][ ][ ][ ]

Employer identification number
5 8 - 2 3 8 1 7 1 4

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ▶ Joni A. Beyn Date ▶ 01/18/13

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

Westchester Community College

Professional Development Center

Awards this Certificate of Achievement To

LORI BEYER

for Successfully Completing

ORGANIC DATA VALIDATION COURSE (35 HOURS)

Dr. John Samuelian

Date AUGUST 1992

Assistant Dean
Professional Development Center

President

The Professional
Development Center

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

Westchester Community College

Professional Development Center

Awards this Certificate of Achievement To

LORI BEYER

for Successfully Completing

INORGANIC DATA VALIDATION

Instructor: Dale Boshart

Date MARCH 1993

Assistant Dean
Professional Development Center

President

The Professional
Development Center

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233

Thomas C. Jorling
Commissioner

July 8, 1992

Ms. Elaine Sall
Program Coordinator
Westchester Community College
Valhalla, NY 10595-1698

Dear Elaine,

Thank you for your letter of June 29, 1992. I have reviewed the course outline for organic data validation, qualifications for teachers and qualifications for students. The course that you propose to offer would be deemed equivalent to that which is offered by EPA. The individuals who successfully complete the course and pass the final written exam would be acceptable to perform the task of organic data validation for the Department of Environmental Conservation, Division of Hazardous Waste Remediation.

As we have discussed in our conversation of July 7, 1992, you will forward to me prior to the August course deadline, the differences between the EPA SOW/90 and the NYSDEC ASP 12/91. You stated these differences will be compiled by Mr. John Samulian.

I strongly encourage you to offer an inorganic data validation course. I anticipate the same list of candidates would be interested in an inorganic validation course as well, since most of the data to be validated consists of both organic and inorganic data.

Thank you for you efforts and please contact me if I can be of any further assistance.

Sincerely,

Maureen P. Serafini

Maureen P. Serafini
Environmental Chemist II
Division of Hazardous Waste
Remediation

The Professional
Development Center
AT
WESTCHESTER COMMUNITY COLLEGE

914 285-6619

October 2, 1992

Ms. Lori Beyer
3 sparkill Drive
East Northport, NY 11731

Dear Ms. Beyer:

Congratulations upon successful completion of the Organic Data Validation course held August 17 - 21, 1992, through Westchester Community College, Professional Development Center. This course has been deemed by New York State Department of Environmental Conservation as equivalent to EPA's Organic Data Validation Course.

Enclosed is your Certificate. Holders of this Certificate are deemed competent to perform organic data validation for the New York State DEC Division of Hazardous Waste Remediation.

The Professional Development Center at Westchester Community College plans to continue to offer courses and seminars which will be valuable to environmental engineers, chemists and related personnel. Current plans include a TCLP seminar on November 17th and a conference on Environmental Monitoring Regulations on November 18th.

We look forward to seeing you again soon at another environmental program or event. Again, congratulations.

Very truly yours,

Passing Grade is 70%
Your Grade is 99%

Elaine Sall
Program Coordinator

ES/bf

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

The Professional
Development Center
AT
WESTCHESTER COMMUNITY COLLEGE

914 285-6619

June 21, 1993

Dear Ms. Beyer:

Enclosed is your graded final examination in the Inorganic Data Validation course you completed this past March. A score of 70% was required in order to receive a certificate of satisfactory completion. Persons holding this certificate are deemed acceptable to perform Inorganic Data Validation for the New York State Department of Environmental Conservation, Division of Hazardous Waste Remediation.

I am also enclosing a course evaluation for you to complete if you have not already done so. The information you provide will greatly aid us in structuring further courses. We wish to make these course offerings as relevant, targeted and comprehensive as possible. Your evaluation is vital to that end.

Congratulations on your achievement. I look forward to seeing you again at another professional conference or course. We will be co-sponsoring an environmental monitoring conference on October 21, 1993 with the New York Water Pollution Control Association, Lower Hudson Chapter, at IBM's Yorktown Heights, NY site. Information regarding this event will be going out in August.

Very truly yours,

Elaine Sall

Elaine Sall
Program Coordinator

ES/bf

Enclosures

SUNY
WESTCHESTER COMMUNITY COLLEGE
Valhalla, New York 10595

ATTACHMENT B

SAMPLE CHAIN OF CUSTODY

>> Select a Laboratory or Service Center <<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

	Project Manager:		COC No:
Client Contact	**Email:**	**Site Contact:**	**Date:**	_____ of _____ COCs
Your Company Name here	**Tel/Fax:**	**Lab Contact:**	**Carrier:**	TALS Project #:
Address	**Analysis Turnaround Time**			Sampler:
City/State/Zip	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(xxx) xxx-xxxx Phone	TAT if different from Below _____			Walk-in Client:
(xxx) xxx-xxxx FAX	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)															Sample Specific Notes:

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

APPENDIX L
CONSTRUCTION QUALITY ASSURANCE PLAN

DRAFT

350 GRAND CONCOURSE

350 GRAND CONCOURSE
BRONX, NEW YORK

Construction Quality Assurance Plan

for Remedial Action Work Plan

BCP Site Number: C203153
OER Project Number: 22TMP0701X
E-Designation: E-442

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

On Behalf Of:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

AUGUST 2025

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 RESPONSIBILITY AND AUTHORITY 2
2.1 Volunteer 2
2.2 Construction Quality Assurance Officer (Consultant) 2
2.3 Field Team Leader (Consultant) 2
2.4 Site Technician (Consultant) 3
3.0 FIELD QUALITY CONTROL INSPECTIONS, TESTING, AND SAMPLING 4
3.1 Mobilization 4
3.2 Soil Excavation 4
3.3 Soil Sampling 4
3.4 Groundwater Sampling 4
3.5 Loading of Waste Material for Transportation 4
3.6 Site Restoration 5
4.0 MEETINGS 6
5.0 DOCUMENTATION AND REPORTING REQUIREMENTS 7
5.1 Daily Report 7
5.2 Photographic Log 7
5.3 Sampling Documentation 7
5.4 Material Disposition Tracking 7
5.5 Green and Sustainable Remediation Tracking 7
5.6 Variances to Work Plan 8
5.7 Final Engineering Report 8
5.8 Document Storage 8

1.0 INTRODUCTION

This Construction Quality Assurance Plan (CQAP) has been prepared for remedial activities performed under the Remedial Action Work Plan (RAWP) for the property located at 350 Grand Concourse in the Mott Haven neighborhood of the Bronx, New York, hereafter referred to as the "Site". The Site is identified on the New York City (NYC) Tax Map as Block 2341, Lot 42. The Site is enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) under BCP Site No. C203153. This CQAP supplements the RAWP and provides monitoring, inspection, testing, and documentation protocols and procedures.

The following information is provided:

1. Responsibility, Authority and Qualifications – The responsibility, authority and qualifications of the key personnel involved in the project.
2. Inspection, Tracking, and Testing Activities – Inspections, tracking, and tests that will be used to verify that construction activities meet or exceed all design criteria and federal, state, and local regulations and requirements.
3. Meetings – The requirements for project coordination meetings between the Volunteer and its representatives, the remedial or environmental Contractors, and other involved parties.
4. Documentation and Reporting – Field documentation and reporting requirements.

2.0 RESPONSIBILITY AND AUTHORITY

Measures will be implemented to ensure that a functional quality control (QC) organization is active during the project and to provide support for the construction QC system in conducting inspections, tracking, tests and retesting (in the event of failure of any item of work). This includes oversight of subcontractors and compliance with contract provisions. Construction QC includes, but is not limited to, the inspections, tracking, and tests required in the RAWP and approved submittals and will cover all project operations. A consultant hired by the BCP Volunteer (Volunteer) will manage field activities and coordinate the contractor's activities.

2.1 Volunteer

350 GC Property Owner LLC (referred to as the "Volunteer") is responsible for coordinating the project, including activities of the Site consultant, contractor(s) and subcontractor(s), to comply with the requirements of the RAWP and regulatory agencies. The Volunteer is also responsible for completing and submitting documentation required by the RAWP, the CQAP, and the Quality Assurance Project Plan (QAPP) and has the authority to accept or reject the materials and workmanship of any subcontractors at the Site.

2.2 Construction Quality Assurance Officer (Consultant)

The Construction Quality Assurance (QA) Officer will be an employee of AKRF, Inc. (AKRF), the consultant hired by the Volunteer and will perform activities that are necessary to assure the quality of construction. He/she will be on-site as required during construction activities and will have the authority to take any action necessary to maintain compliance with the RAWP and approved submittals and to monitor construction quality.

Specific responsibilities of the Construction QA Officer include:

- Supporting the Volunteer and the consultant's field staff;
- Evaluating construction activities and activities of the field staff;
- Verifying that remedial activities are performed in accordance with the RAWP, approved submittals, and with federal, state, and local regulations and requirements;
- Verifying that data are properly recorded, validated, reduced, summarized, and inspected;
- Verifying that green and sustainable remediation tracking is being performed;
- Evaluating sampling and monitoring activities;
- Educating the field staff on construction QC requirements and procedures; and
- Scheduling and coordinating inspections.

2.3 Field Team Leader (Consultant)

The Field Team Leader will be an employee of AKRF and will be on-site during remedial construction activities. He/she will have authority to take any action necessary to maintain compliance with the RAWP and approved submittals and to maintain construction quality. The Field Team Leader will also manage the field staff discussed in this CQAP.

Specific responsibilities of the Field Team Leader include:

- Reviewing the RAWP for clarity and completeness so that the construction activities can be effectively implemented;
- Verifying that the contractor's work is in accordance with the RAWP, approved submittals (including green and sustainable remediation tracking), and this CQAP;

- Performing on-site inspection of the work in progress to assess compliance with the RAWP, approved submittals, and this CQAP;
- Scheduling and coordinating inspections;
- Reporting the results of all observations and tests as the work progresses and modifying materials and work to comply with the RAWP and approved submittals as noted below:
    1. Providing daily reports on field construction, material shipments, and inspection results.
    2. Review and interpretation of all data, drawings, and reports.
    3. Identification of all work that should be accepted, rejected, or uncovered for observation, or that may require special testing, inspection, or approval.
    4. Rejection of defective work and verification that corrective measures are implemented.
    5. Making observations and records that will aid in the preparation of a report on remedial activities.
- Inspecting each delivery of materials and/or equipment;
- Reporting to the Construction QA Officer the results of all inspections, including work that is not of acceptable quality or that fails to meet the requirements of the RAWP, approved submittals, and this CQAP;
- Verifying that testing equipment meets established requirements that the tests are conducted according to the proper standardized procedures;
- Confirming that testing equipment, personnel, and procedures do not change over time, or making sure that any changes do not adversely impact the inspection process;
- Confirming that regular calibration of testing equipment occurs and is properly recorded; and
- Confirming that waste treatment or disposal is performed in accordance with applicable federal, state, and local laws and regulations.

2.4 Site Technician (Consultant)

A qualified scientist, geologist, or engineer (supplemented by additional personnel, if necessary) from AKRF will be on-site during remedial construction documenting site personnel, equipment, samples collected, contamination observations and any other observations of field activities. Specific responsibilities include:

- Calibration, operation, and maintenance of air monitoring instrumentation in accordance with the RAWP and approved submittals;
- Collecting, packaging, and shipping of environmental samples in accordance with the RAWP and QAPP;
- Documenting sample collection in a field notebook and identifying all sample locations in a field notebook or Site drawing;
- Preparing and logging manifests for transportation of any non-hazardous and hazardous materials;
- Informing the Site Project Coordinator when (if) the concentrations of air contaminants exceed action levels specified in the RAWP; and
- Maintaining and organizing the field equipment and supply storage area.

3.0 FIELD QUALITY CONTROL INSPECTIONS, TESTING, AND SAMPLING

The definable features of work are described in the RAWP. This section describes the anticipated inspection, testing, and sampling requirements associated with these definable features of work.

3.1 Mobilization

Inspections will be performed to assure that Site laydown areas, support facilities, sediment and erosion controls, and air monitoring systems are established in accordance with the RAWP and approved submittals. In addition, the stakeout of existing utilities in work areas and the maintenance of Site security will be verified. There are no testing and sampling requirements associated with mobilization of the contractor(s).

Each delivery of materials and/or equipment will be inspected relative to approved submittals. Approved materials and/or equipment will be stored at a designated area of the Site.

Equipment will be set up and tested in accordance with the RAWP and approved submittals.

3.2 Soil Excavation

The Soil/Materials Management Plan (SMMP), Section 7.4 of the RAWP, outlines the procedures to be performed during the handling of soil/fill materials on-site during all intrusive work. Inspections will be performed during soil excavation activities including concrete removal, soil excavation, stockpiling, and load out, shoring, and re-use and backfilling (if any). Any impacts to building structural elements will be documented and assessed immediately. AKRF will confirm that all soil excavation related work will be conducted as specified in the RAWP, or are equivalent. Air monitoring will be conducted as outlined in the Community Air Monitoring Plan provided as Appendix M of the RAWP. Soil screening will be conducted as outlined in Section 7.4.1 of the RAWP. Any corrective actions will be summarized in the Daily Reports.

3.3 Soil Sampling

Soil sampling activities at the Site include waste classification sampling, endpoint and/or reuse sampling, and sampling of clean backfill from off-site sources. Proposed endpoint sample locations are shown on Figure 10 of the RAWP. All soil sampling activities will be conducted in accordance with the Quality Assurance Project Plan (QAPP) included as Appendix K of the RAWP and Sections 7.2 and 7.4 of the RAWP. The applicable Soil Cleanup Objectives (SCOs) for this Site are the Track 2 Restricted Residential SCOs for all compounds and Protection of Groundwater SCOs for petroleum related volatile organic compounds.

Soil and materials management on-site and off-site will be conducted in accordance with the SMMP (Section 7.4 of the RAWP).

3.4 Groundwater Sampling

Groundwater sampling activities at the Site will include monitoring associated with a groundwater treatment program and long-term monitoring, which will be conducted in accordance with the QAPP (Appendix K).

3.5 Loading of Waste Material for Transportation

Inspections will be conducted to verify that material removed from the Site is properly loaded for transfer to a permitted treatment/disposal facility. Manifests and bills of lading will be maintained and will be included as an Appendix in the Final Engineering Report (FER).

3.6 Site Restoration

Site restoration will be observed and recorded to verify compliance with the RAWP and approved submittals. The surface will be restored to match the surrounding ground surface.

4.0 MEETINGS

A pre-construction meeting will be held with representatives of NYSDEC, NYC Office of Environmental Remediation, the consultants, and contractor(s) performing the work prior to the start of major construction activities. Additional meetings will be called as necessary if work conditions change or deviations are necessary.

Project personnel and visitors will be given health and safety briefings periodically by the Site Technician or Field Team Leader to assist Site personnel in safely conducting their work activities. The safety briefings will include information on new operations to be conducted, changes in work practices or changes in the Site's environmental conditions, as well as periodic reinforcement of previously discussed topics.

5.0 DOCUMENTATION AND REPORTING REQUIREMENTS

The value of the CQAP will be assured by proper documentation. The inspectors will use data sheets, field reports, log forms, schedules, and checklists to document Site work and verify compliance with the RAWP and approved submittals. Documentation will include, at a minimum, the following reports and information:

- Daily field construction reports
- Photographs
- Sampling chains of custody
- Material disposition logs
- Variances to the RAWP and approved submittals

5.1 Daily Report

The Site Technician or Field Team Leader will prepare a daily report that identifies the following:

- Work force and visitors to the Site;
- An update of progress made during the reporting day;
- Locations of work and quantities of material imported and exported from the Site;
- References to alphanumeric grid map for Site activities;
- A summary of any and all complaints with relevant details (names, phone numbers);
- A summary of air monitoring findings, including excursions;
- Apparent deviations from the RAWP;
- Weather conditions;
- Photographs of the Site and pertinent work; and
- An explanation of notable Site conditions.

5.2 Photographic Log

The photographic log will be kept to document construction activities by still photographs. The photographic log may also be used to record activities recorded in the daily report. All photographs will be taken with a camera capable of producing date and timestamps.

5.3 Sampling Documentation

The project field book will be used to document all sampling activities and how they correspond to the RAWP. All observations and field and/or laboratory tests will be recorded in the project field book or on separate logs. Recorded field observations may take the form of notes, charts, sketches, or photographs.

5.4 Material Disposition Tracking

All materials that are taken off-site for disposal will be tracked and final disposition confirmed. Copies of all waste manifests and bills of lading will be maintained by the Project Manager.

5.5 Green and Sustainable Remediation Tracking

Green and sustainable remediation metrics will be tracked during implementation of the Remedial Action, including a comparison to the goals established during the remedial design program.

Tracking forms will be completed by the contractors completing the Remedial Action and maintained by the Project Manager.

5.6 Variances to Work Plan

Required changes to the RAWP will be documented as construction proceeds. Any material deviations from the NYSDEC-approved RAWP will be communicated to NYSDEC Project Manager. NYSDEC approval will be sought prior to proceeding with work deviating materially from the RAWP. In the event of an emergency change to the work plan, NYSDEC Project Manager will be consulted immediately.

5.7 Final Engineering Report

At the completion of the project the consultant/construction manager will prepare an FER. This report will describe the implementation of the RAWP and will include a summary of the field work, as-built drawings for constructed elements, manifests, bills of lading, documentation of green and sustainable remediation tracing, test results demonstrating that all mitigation and remedial systems are functioning properly, and photographic documentation. The FER will also include a description of the changes in the Remedial Action from the elements provided in the RAWP.

5.8 Document Storage

The Field Team Leader will maintain the current field book and all original field paperwork during the performance of work. The Project Manager will maintain the field paperwork after completion and will maintain all submittal document files.

APPENDIX M
COMMUNITY AIR MONITORING PLAN

DRAFT

350 GRAND CONCOURSE

350 GRAND CONCOURSE
BRONX, NEW YORK

Community Air Monitoring Plan

for Remedial Action Work Plan

BCP Site Number: C203153
OER Project Number: 22TMP0701X
E-Designation: E-442

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, New York 12233

On Behalf Of:

350 GC Property Owner LLC
292 Madison Ave, 24th Floor
New York, New York 10017

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016
(212) 696-0670

AUGUST 2025

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 AIR MONITORING PROGRAM 2
2.1 Community Air Monitoring Plan 2
2.1.1 Roving Air Monitoring 2
2.1.2 Fixed Air Monitoring Stations 3
2.1.3 Community Air Monitoring Action Levels 3
2.2 Project Contacts 5

FIGURE

Figure 1 – BCP Site Location

TABLE

Table 1 – Project Contacts

ATTACHMENT

Attachment A – NYSDOH Generic CAMP

1.0 INTRODUCTION

This Community Air Monitoring Plan (CAMP) was prepared by AKRF, Inc. (AKRF) on behalf of 350 GC Property Owner LLC (the "Volunteer") for the for the property located at 350 Grand Concourse in the Mott Haven neighborhood of the Bronx, New York, hereafter referred to as the "Site". The Site is identified on the New York City (NYC) Tax Map as Block 2341, Lot 42. This CAMP was as part of the Remedial Action Work Plan (RAWP) and for implementation by AKRF personnel and personnel working under the RAWP. A map showing the Site location is provided as Figure 1. The surrounding area is developed with automotive, commercial, transit, and residential uses.

Historic records indicated that as early as 1891, the Site was developed with several two- to four-story dwellings and from 1908-1935, the southern portion of the Site was depicted as the NYC and HR Railroad Co. with multiple two- to four-story structures. By 1935, the Site was occupied by automotive related businesses/facilities and uses that included various gasoline filling stations, auto sales, and auto body repair with associated gasoline USTs between 1944 and 2021. The Site was also listed on the NYSDEC Petroleum Bulk Storage (PBS) database with three out-of-service 12,000-gallon gasoline USTs. Site operations ceased in November 2021; all on-site buildings were demolished under an Interim Remedial Measure Work Plan in July through August 2022. Site contamination, present in soil, groundwater, and soil vapor across the Site, appears to be related to the Site's historic automotive uses

All AKRF employees are directed that all work must be performed in accordance with the AKRF's Generic HASP and all Occupation Safety and Health Administration (OSHA)-applicable regulations for the work activities required for the project. All project personnel are furthermore directed that they are not permitted to enter Permit Required Confined Spaces (as defined by OSHA). For issues unrelated to contaminated materials, all non-AKRF employees are to be bound by all applicable OSHA regulations as well as any more stringent requirements specified by their employer in their corporate HASP or otherwise. AKRF is not responsible for providing oversight for issues unrelated to contaminated materials for non-employees. This oversight shall be the responsibility of the employer of that worker or other official designated by that employer.

2.0 AIR MONITORING PROGRAM

The purpose of the air monitoring program is to identify any exposure of the field personnel and the surrounding community to potential environmental hazards in the soil and soil vapor. Results of the air monitoring will be used to determine the appropriate response action, if needed.

Site-wide monitoring for particulates and volatile organic compounds (VOCs) will be conducted during remedial excavation in conformance with the New York State Department of Health (NYSDOH) Generic CAMP (Attachment A). Real-time air monitoring for VOCs and particulate levels will be performed at the perimeter of the work area during ground intrusive activities, and during the handling of contaminated or potentially contaminated media. Ground intrusive activities include, but are not limited to, remedial excavation, site grading, stockpiling soil/fill, and/or loading trucks for off-site disposal.

When the remedial excavation work area is within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates will reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. Engineering controls such as temporary vapor/dust barriers, temporary negative-pressure enclosures, and/or special ventilation devices will be considered to prevent exposures related to the work activities and to control dust and odors, if necessary. Consideration will also be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings, if necessary.

2.1 Community Air Monitoring Plan

Community air monitoring will be conducted during all intrusive Site activities in compliance with the NYSDOH Generic CAMP and this Site-Specific CAMP. Real-time air monitoring for VOCs and dust at the perimeter of the exclusion zone will be performed as described below. Exceedances of CAMP action levels will be immediately reported to the NYSDEC and NYSDOH project managers, and CAMP reports will be included in the daily reports submitted to NYSDEC and NYSDOH.

2.1.1 Roving Air Monitoring

VOC Monitoring

Continuous monitoring for VOCs will be conducted during all ground intrusive activities, including excavation and tank removal activities. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background concentrations. VOCs will be monitored hourly at the downwind perimeter of the exclusion zone. Monitoring will be conducted with a photoionization detector (PID) equipped with a 10.6 electron Volt (eV) lamp capable of calculating 15-minute running average concentrations.

Periodic monitoring for VOCs will be conducted during non-intrusive activities, such as the collection of excavation endpoint soil samples. Periodic monitoring may include obtaining measurements upon arrival at a location and upon leaving the location.

More frequent intervals of monitoring will be conducted if required, as determined by the Site Safety Officer (SSO). All PID readings will be recorded and available for NYSDEC and NYSDOH personnel to review. Instantaneous readings, if any, will also be recorded.

Particulate Monitoring

Hourly monitoring for particulates will be conducted during all ground intrusive activities, which will involve the measurement of respirable dust. Community air monitoring for dust

particulates will be conducted using a TSI 8530 DustTrak II or equivalent to measure the concentration of airborne respirable particulates less than 10 micrometers in size (PM_{10}). The dust monitor will be capable of calculating 15-minute running average concentrations and equipped with an audible alarm to indicate exceedance of action levels. Background readings and any readings that trigger response actions will be recorded in the project logbook, which will be available on-site for NYSDOH and/or NYSDEC review.

2.1.2 Fixed Air Monitoring Stations

Two fixed air monitoring stations will be utilized at the Site during soil disturbing activities. The fixed monitoring stations will be set up at the upwind and downwind perimeters of the exclusion zone during all ground intrusive activities and will continuously log VOC and particulate levels. Each fixed monitoring station will be fully enclosed and equipped with the following:

- A PID equipped with a 10.6 eV lamp capable of calculating 15-minute running average VOC concentrations;
- A TSI 8530 DustTrak II or equivalent dust monitor capable of measuring the concentration of airborne respirable particulates less than 10 micrometers in size (PM_{10}) and calculating 15-minute running average particulate concentrations; and
- A Netronix™ Thiamus™ ICU-820 or equivalent Global System for Mobile Communication (GSM)/Global Positioning System (GPS) device capable of recording air monitoring and location data.

Each monitoring station will be capable of sending e-mail alerts to the SSO to indicate an exceedance of action levels. Additionally, the SSO will conduct an inspection of the monitoring stations on at least an hourly basis. Upon completion of Site activities, all air monitoring data will be available to download via the Environet® website. All air monitoring data recorded at the fixed monitoring stations will be available for NYSDOH and/or NYSDEC review and will be included in the Final Engineering Report (FER).

2.1.3 Community Air Monitoring Action Levels

VOC Action Levels

The following actions will be taken based on organic vapor levels measured:

- If total organic vapor levels exceed 5 parts per million (ppm) above background for the 15-minute average at the exclusion zone perimeter, work activities will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 5 ppm above background, work activities will resume with continued monitoring.
- If total organic vapor levels at the exclusion zone perimeter persist at levels above 5 ppm above background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the hot zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less – but in no case less than 20 feet – is below 5 ppm above background for the 15-minute average.
- If the total organic vapor level is above 25 ppm at the perimeter of the exclusion zone, activities will be shutdown.

Particulate Action Levels

The following actions will be taken based on particulate levels measured:

- If the particulate concentrations are greater than 100 micrograms per cubic meter ($\mu g/m^3$) above background, and no other obvious source is apparent, then it will be assumed that the elevated particulate concentrations are a result of site activities. In such instances, dust suppression measures will be implemented and monitoring will be continued. Work will be allowed to continue with dust suppression if particulate levels do not exceed 150 $\mu g/m^3$ above the background and provided that no visible dust is migrating from the work area.
- If particulate levels persist at 150 $\mu g/m^3$ above the background, work must be stopped until dust suppression measures bring particulate levels to below 150 $\mu g/m^3$ above background.

Major Vapor Emission Response Plan

If any organic levels greater than 5 ppm over background are identified 200 feet downwind from the work Site, or half the distance to the nearest residential or commercial property, whichever is less, all work activities must be halted or vapor controls must be implemented.

If, following the cessation of the work activities, or as the result of an emergency, organic levels persist above 5 ppm above background 200 feet downwind or half the distance to the nearest residential or commercial property from the exclusion zone, then the air quality must be monitored within 20 feet of the perimeter of the nearest residential or commercial structure (20 Foot Zone).

If either of the following criteria is exceeded in the 20 Foot Zone, then the Major Vapor Emission Response Plan shall automatically be implemented:

- Sustained organic vapor levels approaching 1 ppm above background for a period of more than 30 minutes; or
- Organic vapor levels greater than 5 ppm above background for any time period.

Upon activation, the following activities shall be undertaken as part of the Major Vapor Emission Response Plan:

- The NYSDEC, NYSDOH, and local police authorities will be immediately contacted by the SSO and advised of the situation;
- Frequent air monitoring will be conducted at 30-minute intervals within the 20 Foot Zone. If two successive readings below action levels are measured, air monitoring may be halted or modified by the Site Health and Safety Officer; and
- All Emergency contacts will go into effect as appropriate.

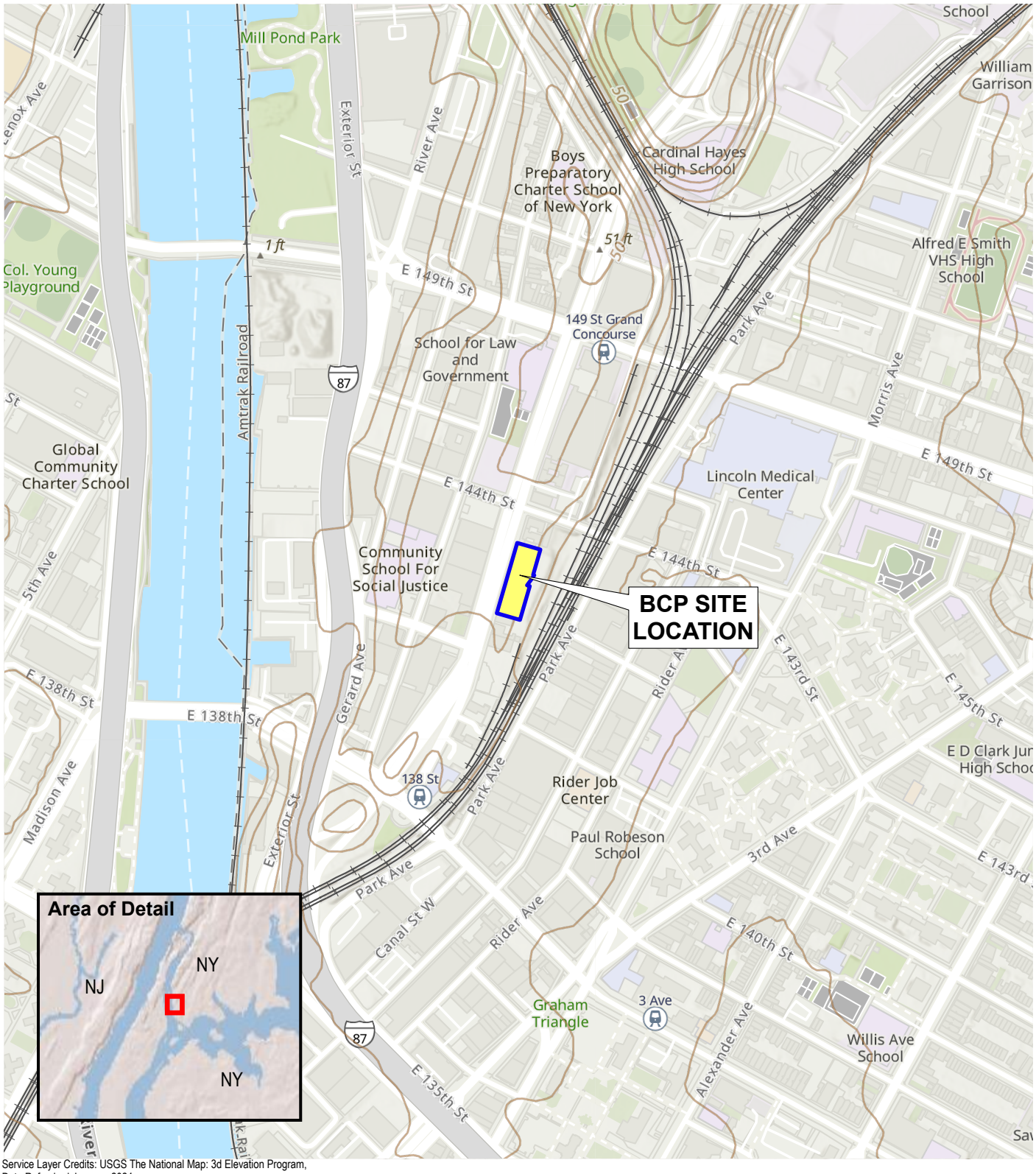
All readings will be recorded and be available for NYSDEC and NYSDOH personnel to review.

2.2 Project Contacts

Table 1
Project Contacts

Company	Individual Name	Title	Contact Number
AKRF	Rebecca Kinal, P.E.	Remedial Engineer	914-922-2362 (office)
	Marc Godick, QEP	Quality Assurance Officer	914-922-2356 (office)
	Kenneth Wiles	Project Manager	646-388-9528 (office)
	Mackenzie Miller	SSO	631-357-9404 (cell)
350 GC Property Owner LLC	Patrick Taylor	Volunteer Representative	212-335-2317 (office)
NYSDEC	Javier Perez-Maldonado	Project Manager	(518) 402-8172
NYSDOH	Scarlett McLaughlin	Project Manager	(518) 402-7874

FIGURE



AKRF O:\Projects\240979 - 350 GRAND CONCOURSE (NEW)\SAR\240979 RI Figures.aprx6/19/2025 8:14 PM240979 Fig 1 Site Locationjszalus

akrf

440 Park Avenue South, New York, NY 10016

350 Grand Concourse
Bronx, New York

BCP SITE LOCATION

DATE
6/19/2025

PROJECT NO.
240979

FIGURE
1

ATTACHMENT A

NEW YORK STATE DEPARTMENT OF HEALTH GENERIC CAMP

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 1B
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.